

# Annual Credit and Debt Report

# Fiscal Year Ended September 30, 2018

Prepared by: Hillsborough County Management and Budget Department July 2019

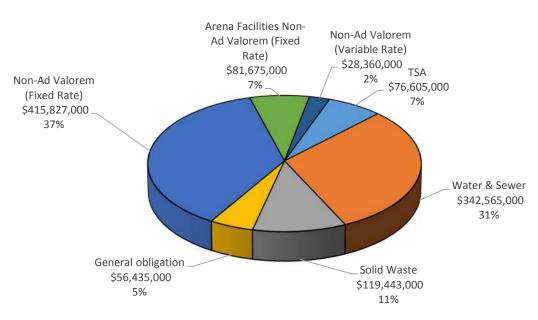
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1. Executive Summary

COUNTY DEBT OUTSTANDING (AS O		
	<u>Amount</u>	Tatal
COUNTY-ISSUED DEBT*	<u>Outstanding</u>	<u>Total</u>
General Obligation Bonds	10 700 000	
Environmental Lands Acquisition and Preservation (ELAPP)	49,730,000	
Parks Facilities	6,705,000	
Subtotal		\$56,435,000
Non-Ad Valorem Revenue Bonds and Notes		
Government Facilities except Stadium & Arena	415,827,000	
County Stadium & Arena	81,675,000	
Subtotal		497,502,000
Tax-Exempt Commercial Paper (TECP)		22,853,000
Taxable Commercial Paper (TCP)		5,507,000
Enterprise Fund Bonds		
Water/Wastewater Utility	342,565,000	
Solid Waste Disposal/Resource Recovery	119,443,000	
Subtotal		462,008,000
Total County-Issued Debt		\$1,044,305,000
NON COUNTY-ISSUED DEBT PAID WITH COUNTY		
REVENUE		
TSARaymond James Stadium Bonds		76,605,000
ALL COUNTY DEBT OUTSTANDING		<u>\$1,120,910,000</u>
*Excludes County-issued Special Assessment Revenue Bonds		
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### All County Debt Outstanding as of 9/30/18 is \$1.1 billion

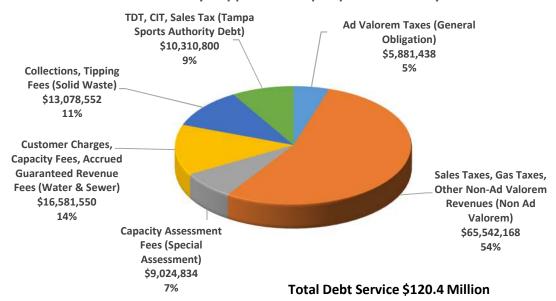


#### Non-Ad Valorem Debt Financings:

(1) Commercial Paper
 (2) Stadium and Arena debt
 (3) Transportation, Criminal Justice, Culture and Recreation, County Offices

Debt Service on County-Is			
Types of County Issued Debt	Principal	in millions) <u>Interest</u>	<u>Total</u>
General Obligation	\$ 2.60	\$ 3.28	\$ 5.88
Non-Ad Valorem*	40.00	25.54	65.54
Enterprise Fund	<u>10.42</u>	<u>19.24</u>	<u>29.66</u>
Total	\$53.02	\$48.06	\$101.08
Debt Ratios on County-Issued Debt (As of 9/3	30/16)		
DESCRIPTION		<u>Limit</u>	Actual
General Obligation Debt Per Capita		<\$137.00	\$40.06
(based on 1,325,563 pop.)			
General Obligation as % of Taxable Value		<0.5%	0.06%
(based on \$79.2 billion)			
Non-Self Supporting Revenue Debt Per Capita*		<\$870.00	\$353.12
(based on 1,325,563 pop.)			
Non-Self Supporting Debt as % of Taxable Value*		<1.0%	.52%
(based on \$79.2 billion)		<t1 020<="" td=""><td>£410 01</td></t1>	£410 01
General Government Direct Debt Per Capita		<\$1,020	\$413.31
(based on 1,325,563 pop.) Direct Debt as a % of Taxable Value		<1.50%	.61%
(based on \$79.2 billion)		<1.50%	.01%0
* Excludes Tax-exempt Commercial Paper			

FY19 Debt Service on County Issued Debt including Special Assesment Debt and County-Supported Tampa Sports Authority Debt



#### **EXECUTIVE SUMMARY**

On September 30, 2018, the County's total debt outstanding was \$1,120,910,000, and consisted of \$1,044,305,000 in County-issued debt and \$76,605,000 in debt issued by the Tampa Sports Authority. The outstanding \$1,044,305,000 in County-issued debt consisted of about \$462,008,000 (44%) in enterprise fund debt, \$56,435,000 (5%) in general obligation debt, and \$525,862,000 (50%) in non-ad valorem revenue supported debt, including \$22,853,000 (2%) in tax-exempt commercial paper and \$5,507,000 (~1%) in taxable commercial paper.

The County's enterprise fund and general obligation debt continue to be "self- supporting" in that this debt is secured solely by and paid from enterprise fund revenue and ad valorem taxes. Non-enterprise, non-ad valorem revenue bonds are supported by revenues specifically earmarked for such purpose, such as state shared half-cent sales tax and the Community Investment Sales Surtax<sup>1</sup> ("CIT").

Bonds issued to finance construction of the Amalie Arena (a multi-purpose arena and home to the NHL Lightning franchise) are repaid from the County's 5<sup>th</sup> Cent of the Tourist Development Tax (the "TDT"), which can only be used for debt service on professional sports franchise facilities and for tourism marketing costs. Bonds issued to finance construction of Raymond James Stadium (home of the NFL Buccaneers) are repaid from a portion of CIT revenues, the 4<sup>th</sup> Cent of the TDT, and payments from State of Florida sales tax rebates.

The County has significant debt capacity remaining and is in compliance with its anti-dilution test<sup>1</sup>. However, all major County revenue streams are being used to either pay debt service or to fund County operations and reserves. Any use of these revenue streams to secure and pay additional debt could impact County operations unless additional revenue sources are identified. One exception is the CIT revenue which was originally levied in fiscal year 1997 for 30 years and may be used only for capital projects. The majority of future CIT revenue has been committed to specific capital projects. Because of the short time period remaining before the expiration of the CIT surtax, the County expects that most of these projects will be cash-funded.

The County has credit ratings on its debt from Moody's Investors Service, Standard and Poor's (S&P), and Fitch Ratings. Each of the three credit rating agencies has assigned the County general credit ratings of "Aaa", "AAA", and "AAA", respectively. These ratings represent the highest attainable credit rating assigned by each agency. According to the rating agencies, the ratings reflect the County's diverse economic base, population growth, property tax base, healthy reserves, and conservative financial management practices. The rating agencies have separately rated other bonds of the County which are secured by specific revenue pledges. These are described later in this report.

<sup>&</sup>lt;sup>1</sup> An Anti-Dilution test is computed with respect to debt secured by the County's covenant to budget and appropriate from legally available non-ad valorem revenues. This test measures the extent to which the County can use non-ad valorem revenues for debt service on additional bonds in relation to general government services. The purpose of this test is to ensure that the County does not excessively leverage its non-ad valorem revenues.

#### SUMMARY OF RECENT AND FUTURE DEBT ISSUANCES

When appropriate, the County utilizes its Commercial Paper program to encumber contracts and to provide short-term finance rather than issuing long-term debt. Of the \$1.04 billion in total County-issued debt outstanding on September 30, 2018, \$1.0 billion (or 97%) is financed with fixed interest rates and about \$28 million (or 3%) is financed with variable rate commercial paper. This represents a debt mix that is well-insulated from interest rate volatility. Depending on market conditions, the County plans to vary its short-term debt issuance to lower the County's cost of capital without overexposing the County to short-term interest rate spikes. This objective is reflected in the County's FY19-FY23 Capital Improvements Program (the "CIP") adopted by the Board in September 2018. As part of its funding plan, the CIP relies on a mix of commercial paper and bonds to meet its objectives.

#### Fiscal Year 2018 Bond Issuances:

**Capital Improvement Program Refunding Revenue Note**: On December 21, 2017 the County issued its Series 2017 Capital Improvement Program Refunding Revenue Note, in the amount of \$27,216,000 in order to refinance a portion of the outstanding Capital Improvement Program Refunding Revenue Bonds, Series 2012. As a result of this refinancing the county will realize more than \$905,000 in NPV savings in interest expense over the life of the debt.

**Community Investment Tax Refunding Bonds:** On July 24, 2018 the County issued its Series 2018 Community Investment Tax Refunding Revenue Bonds in the amount of \$61,135,000 for the purpose of refunding \$51,610,000 of outstanding commercial paper notes, together with financing the design, engineering, acquisition, construction and reconstruction of certain transportation and other capital improvements in the County. The Bonds are secured by CIT Revenues.

#### PLANNED FUTURE BOND ISSUANCES:

The County expects to issue about \$52 million in new debt during FY 2019 to cover costs related to the design, constructions, and/or acquisition of improvements located at County owned parks, recreational areas, and county service buildings. The bonds will be secured by either a covenant to budget and appropriate funds, or a direct pledge of Half Cent Sales Tax revenues.

#### SUMMARY OF DEFEASANCE AND REDEMPTION OF DEBT:

On December 21, 2017, The County Defeased a portion of its Series 2012 Capital Improvement Program Revenue Bonds using proceeds from the issuance of its Capital Improvement Program Refunding Revenue Note, Series 2017. The outstanding Bonds had a par value of \$48,185,000, of which \$24,150,000 was defeased and refunded.

#### CONCLUSION

The County issues debt in accordance with its Debt Policy, adopted by the County Commission, which governs the type and amount of borrowings that are best suited to achieving its financing objectives. On a per capita basis, Hillsborough County debt is comparable to similarly sized counties.

To address short-term capital project funding requirements, the County utilizes its Commercial Paper program. Under this program the Board authorizes short-term borrowings when needed to provide adequate cash flow for active projects. This approach ensures that long-term debt is issued only when needed and is only issued in appropriate amounts. Furthermore, tax exempt short-term debt tends to be the lowest cost financing tool available to local governments resulting in substantial savings to the County. Upon completion of capital projects, the County either uses available cash or issues long-term debt at favorable interest rates to pay off outstanding short-term notes, unless there is an interest rate advantage in keeping short-term, variable rate notes outstanding. The County actively and aggressively monitors market opportunities to restructure, to defease, or to redeem its outstanding debt to reduce debt service interest costs. When legally and economically feasible, County management will use lower interest rate debt or available cash reserves to redeem outstanding debt, thereby increasing revenue to fund County operating activities.

In summary, as confirmed by its credit ratings, the County's financial condition is characterized by strong debt service coverage from pledged revenue, a broad and varied local economy, and strong financial management.

#### **COUNTY CREDIT RATINGS**

The County has credit ratings on its debt from Moody's Investors Service ("Moody's"), Standard and Poor's Ratings Services ("S&P"), and Fitch Ratings ("Fitch"). Hillsborough County's general credit rating was upgraded in December 2006 to "AAA" from "AA+" by S&P giving the County general credit ratings of Aaa/AAA/AAA from all three rating agencies: Moody's, S&P and Fitch. As stated in Moody's credit report for Hillsborough County, an improved credit rating reflects continued health, diversity and growth in the County's economy, strong tax base expansion, strong financial administration and a manageable debt position. The County's strategic goal is to maintain general credit ratings of at least A2/AA/AA. All the County's credit ratings as of September 30, 2018 are shown in the following table. The County's high credit ratings are a notable achievement since they generally lead to lower interest costs on debt financings. The County's debt obligations are issued and administered in such a manner as to ensure and sustain long-term financial integrity of the County, and to achieve the highest possible credit ratings.

Type of Debt Issue	Moody's	S&P	Fitch Ratings
General Obligation Bonds	Aaa	AAA	AAA
Revenue Bonds supported by the County's share of the Community Investment Tax			
(CIT)	A1	AA	AA
Revenue Bonds supported by the County's share of the Half-Cent Sales Tax from the			
State of Florida	Aa 2	AA+	AA+
Revenue Bonds supported by A Covenant to Budget and Appropriate Legally Available			
Non-Ad Valorem Revenue	Aa 1	AA+	AA+
Revenue Bonds supported by Water and Wastewater Enterprise System Revenue	Aaa	AA+	AAA
Revenue Bonds supported by Solid Waste Enterprise System Revenue	A1	AA+	A+
Revenue Bonds supported by the County's Fourth Cent Tourist Development Tax ("4th			
Cent TDT")	A1	A+	AA-
Revenue Bonds supported by the County's Fifth Cent Tourist Development Tax ("5th			
Cent TDT")	A2	A+	AA-
Revenue Bonds supported by the County's Communications Services Tax	Aa 1	AA+	AA+
Commercial Paper Notes (rating includes letter of credit enhancement)	P-1	A-1	F1

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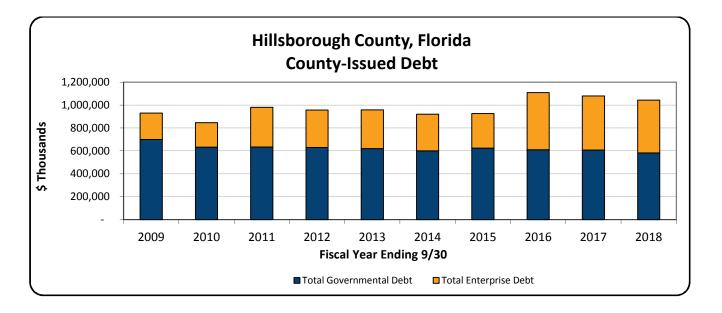
2. Outstanding Debt Summary for the Fiscal Year Ended September 30, 2018

#### COUNTY DEBT

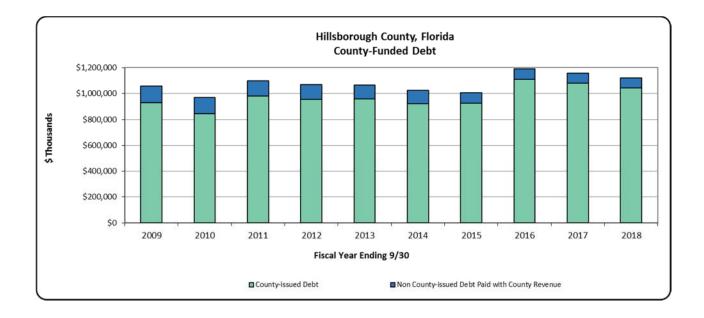
As of the fiscal year ending September 30, 2018, the County had total indebtedness of \$1,120,910,000 including Countysupported debt issued by the Tampa Sports Authority, but excluding County-issued Special Assessment Revenue Bonds (described at the end of this section).

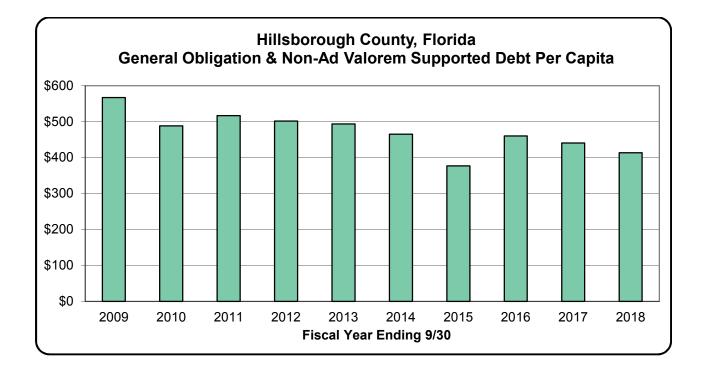
All County Debt is divided into seven categories consisting of:

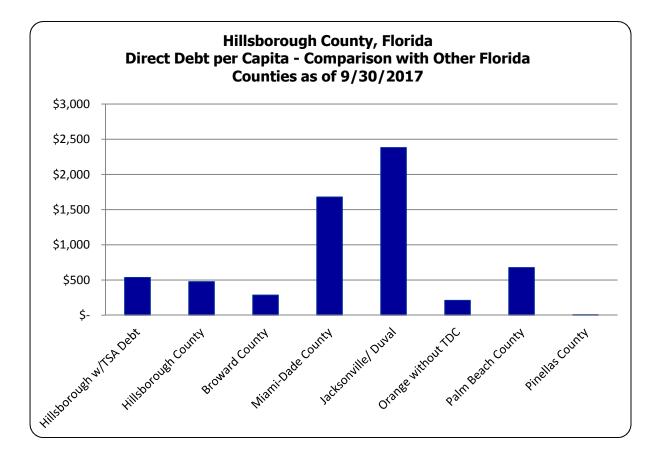
		Fisca	I Year Ended Septem	nber 30	
	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Governmental					
General Obligation	\$65,900,000	\$63,660,000	\$61,345,000	\$58,940,000	\$56,435,000
Limited Ad Valorem	0	0	0	0	0
Non-Enterprise/Non-Ad Valorem	418,220,000	495,995,000	459,277,000	465,913,000	497,502,000
Taxable Commercial Paper				5,504,533	5,507,000
Tax-Exempt Commercial Paper	116,248,000	65,110,000	89,455,000	77,263,000	22,853,000
Total Governmental Debt	\$600,368,000	\$624,765,000	\$610,077,000	\$607,620,533	\$582,297,000
Enterprise					
Water & Wastewater	\$155,720,000	\$142,720,000	\$347,940,000	\$345,305,000	\$342,565,000
Solid Waste	165,425,000	158,709,000	151,735,000	126,733,000	119,443,000
Total Enterprise Debt	\$321,145,000	\$301,429,000	\$499,675,000	\$472,038,000	\$462,008,000
Total County Issued Debt	<u>\$921,513,000</u>	\$926,194,000	<u>\$1,109,752,000</u>	<u>\$1,079,658,533</u>	\$1,044,305,000
Non County-Issued Debt Paid with Co	ounty Revenue				
Tampa Sports Authority (TSA)	\$102,995,000	\$81,625,000	\$80,340,000	\$79,000,000	\$76,605,000
Total County Debt	\$1,024,508,000	\$1,007,819,000	\$1,190,092,000	\$1,158,658,533	\$1,120,910,000



includes Commercial Paper Notes. Excludes debt issued by Tampa Sports Authority and general government other long-term debt (arbitrage rebate, accreted interest, landfill closure and remediation, agency fund CAU & RWIU debt as reflected in the Audited Statements).







**Excludes Capital leases** 

#### DEBT SERVICE ON ALL COUNTY DEBT OBLIGATIONS

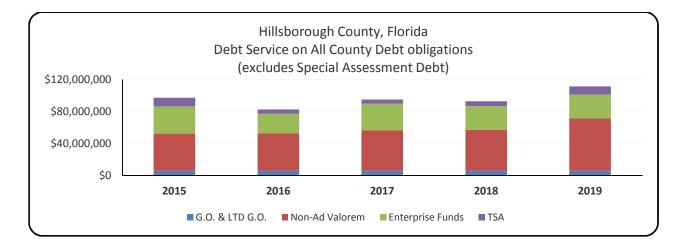
For the fiscal year ending September 30, 2018, total debt service on County-issued debt was **\$86,800,032**. Total debt service including County-supported debt of the Tampa Sports Authority for the fiscal year ending 2018 was **\$92,853,382**. The following table illustrates debt service obligations for the Fiscal Years Ending September 30, 2015 through 2019.

		Fiscal Ye	ear Ended Septembe	er 30 *	
	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018**</u>	<u>2019***</u>
County Issued Debt:					
Governmental					
General Obligation (G.O.)	\$ 5,876,263	\$ 5,883,263	\$ 5,879,783	\$ 5,881,753	\$ 5,881,438
Limited G.O. (Limited Ad Valorem)	0	0	0	0	0
Non-Enterprise/Non-Ad Valorem <sup>1</sup>	<u>46,514,448</u>	<u>56,563,346</u>	<u>50,779,934</u>	<u>51,343,082</u>	<u>65,542,168</u>
Total Direct Debt	\$ 52,391,310	\$ 62,446,609	\$ 56,659,716	\$ 57,224,835	\$ 71,423,606
Enterprise Funds					
Water & Wastewater	\$20,209,276	\$10,950,127	\$16,630,717	\$16,585,050	\$16,581,550
Solid Waste	<u>13,774,587</u>	<u>13,863,099</u>	<u>16,643,330</u>	<u>12,990,148</u>	<u>13,078,552</u>
Total Enterprise Funds Debt	\$33,983,863	\$24,813,226	\$33,274,046	\$29,575,198	\$29,660,102
Total County-issued Debt *	\$86,375,173	\$87,259,835	\$89,933,763	\$86,800,032	\$101,083,708
Non County Issued Debt Paid with County Rev	enue:				
Tampa Sports Authority <sup>2</sup>	<u>\$ 10,812,628</u>	<u>\$ 5,074,450</u>	<u>\$ 5,077,450</u>	<u>\$ 6,053,350</u>	<u>10,310,800</u>
Excludes Capital leases	-	92,334,285	\$ 95,011,213	\$ 92,853,382	\$ 111,394,508

\* Excludes County-issued Special Assessment Revenue Bonds.

\*\* Unaudited

\*\*\*Adopted budget



<sup>&</sup>lt;sup>1</sup> Excludes interest on Tax-Exempt Commercial Paper.

<sup>&</sup>lt;sup>2</sup> For a more complete description of Tampa Sports Authority debt see the section titled "Revenue Bonds: Debt Issued by Independent Authorities".

3. Debt Capacity of Selected Revenues

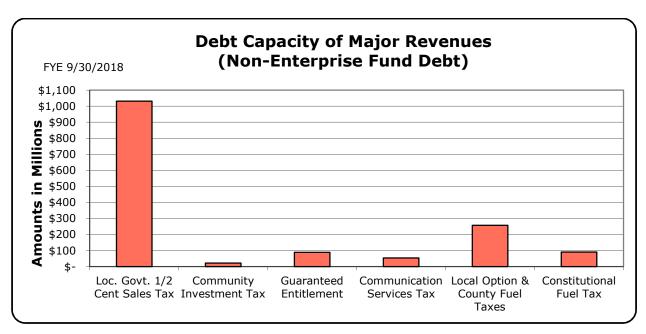
#### **DEBT CAPACITY OF SELECTED REVENUES**

The Florida Constitution does not limit the amount of ad valorem taxes a county may levy for the payment of bonds authorized by voter referendum. The County is limited by Article VII, Section 9 of the Florida Constitution, however, to a maximum levy of 10 mills per \$1,000 of the assessed value of real estate and tangible personal property for county purposes other than the payment of voted bonds. The countywide millage rate for calendar year 2018 (fiscal year 2019) is 5.7309 mills.

Debt related to rate-based County services, such as water/wastewater utilities and solid waste collection and disposal, does not affect operations because pledges are made only on net revenues (i.e., total revenue minus operating and maintenance costs of the systems). Therefore, debt capacity for these enterprise operations is a function of the adequacy of rates and fees to support outstanding and additional debt.

The County has considerable debt capacity remaining. However, inasmuch as all County revenues are being used to pay debt service, fund County operations or increase reserves, any use of County revenues to secure and pay additional debt could impact County operations unless additional revenue sources are identified.

Appendix B of this report shows calculations of the debt capacity of the County's major non-ad valorem revenues in relation to current outstanding general fund debt of the County. These calculations serve three major purposes. First, they enable the County to determine its ability to pledge the revenues for additional projects. Secondly, they are used to determine the general debt capacity of the non-ad valorem revenues of the County taking into consideration the constraints of the anti-dilution test required by the County's outstanding bond issues and interlocal agreements. Finally, the debt capacity calculation provides an indication of the financial condition of the County.



A graph of the debt capacity of major revenues is illustrated below:

The County currently has twelve major non-ad valorem revenues as follows:

- the local government half-cent sales tax,
- the guaranteed entitlement,
- the communications services tax

- the local option infrastructure surtax for community reinvestment (the "Community Investment Tax or CIT"),
- the voted fuel tax (9 cents),
- the local option fuel tax (1-6 cents),
- the county fuel tax (7 cents),
- the constitutional fuel tax,
- the 4th cent tourist development tax
- the 5th cent tourist development tax
- traffic surcharge revenues
- the Indigent Care half-cent sales tax

In addition, the County has a mix of other non-ad valorem revenues. However, these revenues on a stand-alone basis are difficult to pledge as security for a bond issue due to the volatility and uncertainties of collections on an annual basis. Therefore, the debt capacity analysis primarily provides information on the above referenced major non-ad valorem revenue sources.

Many of the non-ad valorem revenues discussed here are limited as to use. For example, the county fuel tax and local option fuel tax are limited to transportation and road improvement related costs, including debt service payments on transportation bonds; the 4<sup>th</sup> and 5<sup>th</sup> cents of the tourist development tax are limited to capital construction and maintenance of tourist-related facilities such as convention centers, sports arenas and stadiums; and, the Indigent Care half-cent sales tax is limited to indigent care services. The primary, unrestricted direct revenue sources available as security for a non-ad valorem/non-enterprise bond issue are the local government half-cent sales tax, the guaranteed entitlement, the communication services tax, the community investment tax, and the constitutional fuel tax.

#### Description of Types of Debt Issued by the County

There are several different types of debt incurred by cities and counties in Florida, including general obligation debt, revenue debt, long-term leases and government loans. To date, Hillsborough County has used the methods summarized below. For a more detailed discussion, see Appendix A.

#### **General Obligation Debt**

General obligation ("G.O.") bonds of municipalities, counties, school districts and states are backed by a pledge of the full faith and credit of the issuing entity. This pledge generally is supported by a commitment of the issuer to levy and to collect ad valorem taxes, without limitations as to millage rate or amount, for the payment of principal and interest on its bonds. With the County's excellent "Aaa/AAA/AAA" credit rating, G.O. debt offers the lowest interest cost of any form of county debt. The County is limited by Article VII, Section 9 of the Florida Constitution, however, to a maximum levy of 10 mills per \$1,000 of the assessed value of real estate and tangible personal property for county purposes other than the payment of voted bonds. Because of the impact on property owners, the issuance of general obligation debt in Florida requires the consent of the voters through a referendum. The Florida Constitution does not limit the amount of ad valorem taxes a county may levy for the payment of bonds authorized by voter referendum.

#### **Revenue Debt: Bonds, Notes and Intergovernmental Loans**

Generally, state constitutions authorize either explicitly or implicitly the issuance of revenue debt. Revenue debt may be issued without voter referendum because of a public policy called the "special fund doctrine". The essence of revenue debt is that a particular stream of revenue is designated as the sole source of repayment of the debt. This revenue source may be derived from a specific project or enterprise, a loan program or even a special tax. In the event that such a source proves inadequate or default is otherwise threatened, the issuer is under no obligation to repay the debt from its other general governmental funds.

Debt related to rate-based County services, such as water and wastewater utilities and solid waste disposal, does not affect operations because pledges are made only on net system revenues.

#### Fixed compared to Variable Interest Rate Debt

Historically, short-term variable interest rates ("short-term rates") tend to be lower than long-term fixed interest rates ("long-term rates"). Short-term rates promote the assets/liabilities matching principle. However, long-term rates provide debt service certainty and protect against short-term spikes in interest rates. Of the \$1.1 billion in total County-issued debt outstanding at September 30, 2018, about \$1.0 billion is financed with fixed interest rates and about \$83 million with variable interest rates, (i.e. tax- exempt commercial paper notes), resulting in a debt portfolio mix of approximately 99% long-term fixed rates and 1% short-term variable rates, which is conservative and well-insulated from interest rate volatility. Depending on market conditions, the County plans to achieve a more moderate debt portfolio mix in the future by increasing its short-term debt issuance. The objective will be to further lower the County's cost of capital without overexposing the County to short-term spikes in interest rates.

4. General Obligation Bonds

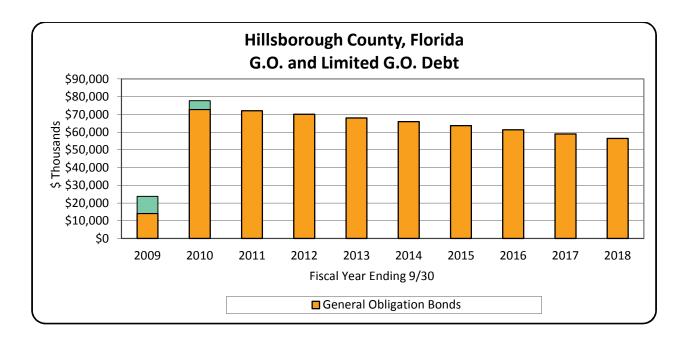
#### **GENERAL OBLIGATION BONDS**

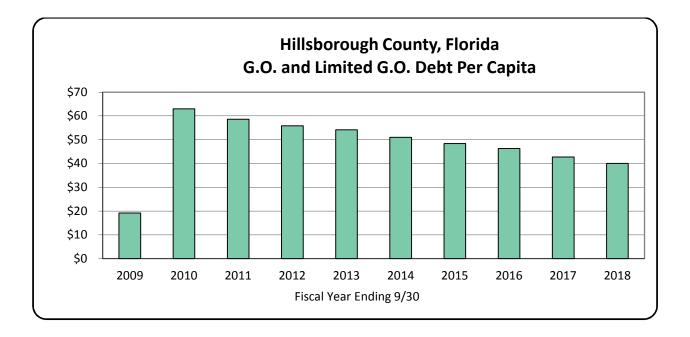
General Obligation Bonds are secured by a pledge of the full faith and credit of the County to levy sufficient ad valorem taxes to pay the debt service on the bonds. The County has three series of general obligation bonds outstanding. The General Obligation Refunding Bonds, Series 2002 (Parks) were issued to refund the Series 1993 and Series 1996 Bonds, each of which was issued in the original par amount of \$10 million to fund the acquisition and development of parks. The General Obligation Bonds, Series 2009A and 2009B, were issued to provide additional funding for the County's Environmental Lands Acquisition and Protection Program (ELAPP).

Amount Outstanding <u>FYE 2018</u>	Dated <u>Date</u>	Issue	<u>Security</u>	Insured/ Underlying <u>Ratings <sup>2*</sup></u>	Final <u>Maturity</u>
General Obligation	<u>n Bonds</u>				
\$6,705,000	8/01/2002	\$18,540,000 General Obligation Refunding Bonds, Series 2002 (Parks)	Ad Valorem Tax	Aaa/AAA/AAA Aaa/AAA/AAA	07/01/25
\$1,605,000	12/29/2009	\$11,305,000 General Obligation Refunding Bonds, Series 2009A (ELAPP)	Ad Valorem Tax	Aaa/AAA/AAA Aaa/AAA/AAA	07/01/19
<u>\$48,125,000</u>	12/29/2009	\$48,125,000 General Obligation Bonds (Federally Taxable – Build America Bonds), Series 2009B (ELAPP)	Ad Valorem Tax	Aaa/AAA/AAA Aaa/AAA/AAA	07/01/39

\$56,435,000 Total General Obligation Bonds

Underlying ratings: Moody's/Standard & Poor's/Fitch Ratings





### As of 9/30/2018 AGGREGATE DEBT SERVICE SCHEDULE

Fiscal Year	Principal	Interest	Fiscal Year Debt Service	tstanding ebt (FYE)	Percent Outstanding <sup>(1)</sup>
2019	\$	\$ 3,281,438	\$ 5,881,438	\$ 53,835,000	95.39%
2020	2,725,000	3,159,463	5,884,463	51,110,000	90.56%
2021	2,825,000	3,025,313	5,850,313	48,285,000	85.56%
2022	2,945,000	2,883,198	5,828,198	45,340,000	80.34%
2023	3,060,000	2,735,053	5,795,053	42,280,000	74.92%
2024	2,495,000	2,578,093	5,073,093	39,785,000	70.50%
2025	2,585,000	2,450,925	5,035,925	37,200,000	65.92%
2026	2,035,000	2,319,153	4,354,153	35,165,000	62.31%
2027	2,115,000	2,197,053	4,312,053	33,050,000	58.56%
2028	2,195,000	2,070,153	4,265,153	30,855,000	54.67%
2029	2,280,000	1,938,453	4,218,453	28,575,000	50.63%
2030	2,370,000	1,801,653	4,171,653	26,205,000	46.43%
2031	2,470,000	1,653,528	4,123,528	23,735,000	42.06%
2032	2,570,000	1,499,153	4,069,153	21,165,000	37.50%
2033	2,670,000	1,338,528	4,008,528	18,495,000	32.77%
2034	2,780,000	1,171,653	3,951,653	15,715,000	27.85%
2035	2,895,000	997,903	3,892,903	12,820,000	22.72%
2036	3,015,000	814,070	3,829,070	9,805,000	17.37%
2037	3,140,000	622,618	3,762,618	6,665,000	11.81%
2038	3,265,000	423,228	3,688,228	3,400,000	6.02%
2039	3,400,000	215,900	3,615,900	-	0.00%

<sup>(1)</sup> Percentage of Amount Outstanding at fiscal year end 2018

\$18,540,000

HILLSBOROUGH COUNTY, FLORIDA

General Obligation Refunding Bonds Unincorporated Area Parks and Recreation Program

Series 2002

DATED: August 1, 2002

DELIVERED: August 28, 2002 Initial Call Date / Price: True Interest Cost (TIC): Arbitrage Yield:

Not subject to Optional Redemption prior to maturity 4.250829% 4.197273%

<u>Ratings</u>	Underlying	Insured *
Moody's	Aaa	Aaa
S&P	AAA	AAA
Fitch	AAA	AAA
* Insurer: MBIA I	nsurance Corpor	ation (MBIA)

#### PURPOSE

To refund the Series 1993 and Series 1996 Bonds, which were issued to finance the acquisition, development and improvement of parks in the unincorporated area of the County.

#### SECURITY

Ad Valorem Tax levied on all taxable property within the unincorporated area of the County constituting the Municipal Services Taxing Unit. These are general obligation bonds, secured by the full faith and credit and taxing powers of the County (with respect to the unincorporated area).

Coupon		Bond	Coupon		Periodic	Fiscal Year	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	Rate	Interest	Debt Service	Interest	Debt Service **	Debt	Outstanding
01/01/2019	\$-			\$ 170,643.75	\$ 170,643.75			\$ 6,705,000	36.17%
07/01/2019	995,000	Serial	5.00%	170,643.75	1,165,643.75	341,287.50	1,336,287.50	5,710,000	30.80%
01/01/2020	-			145,768.75	145,768.75			5,710,000	30.80%
07/01/2020	1,045,000	Serial	5.00%	145,768.75	1,190,768.75	291,537.50	1,336,537.50	4,665,000	25.16%
01/01/2021	-			119,643.75	119,643.75			4,665,000	25.16%
07/01/2021	1,095,000	Serial	5.00%	119,643.75	1,214,643.75	239,287.50	1,334,287.50	3,570,000	19.26%
01/01/2022	-			92,268.75	92,268.75			3,570,000	19.26%
07/01/2022	1,155,000	Serial	5.00%	92,268.75	1,247,268.75	184,537.50	1,339,537.50	2,415,000	13.03%
01/01/2023	-			63,393.75	63,393.75			2,415,000	13.03%
07/01/2023	1,215,000	Term 1	5.25%	63,393.75	1,278,393.75	126,787.50	1,341,787.50	1,200,000	6.47%
01/01/2024	-			31,500.00	31,500.00			1,200,000	6.47%
07/01/2024	585,000	Term 1	5.25%	31,500.00	616,500.00	63,000.00	648,000.00	615,000	3.32%
01/01/2025	-			16,143.75	16,143.75			615,000	3.32%
07/01/2025	615,000	Term 1	5.25%	16,143.75	631,143.75	32,287.50	647,287.50	-	0.00%
	\$ 6,705,000			\$ 1,278,725	\$ 7,983,725	\$ 1,661,078	\$ 7,983,725		

\*\* Modified Accrual Basis

07/01/2025 \$ 2,415,000 CUSIP number 432290KP8

\$11,305,000 HILLSBOROUGH COUNTY, FLORIDA General Obligation Bonds

(Environmental Lands Acquisition and Protection Program)

Series 2009A

DATED:	December 29, 200	09		<b>Ratings</b>	Underlying	Insured
DELIVERED:	December 29, 200	09		Moody's	Aaa	None
Initial Call Date /	Price:	07/01/2019		S&P	AAA	None
True Interest Cos	t (TIC):	2.558043%		Fitch	AAA	None
Arbitrage Yield:		2.503201%				
			 0 - 0 · · · · · · · · · · · ·			

#### PURPOSE

To finance the acquisition, preservation, protection, management and restoration of environmentally sensitive lands.

#### SECURITY

Ad Valorem Tax levied on all taxable property within the corporate limits of the County. These are general obligation bonds, secured by the full faith and credit and taxing powers of the County.

Coupon Date	Principal	Bond Type	Coupon Rate	Interest	Periodic Debt Service	Fiscal Year Debt Service **	0	utstanding Debt	Percent Outstanding
01/01/2019	\$ -			\$ 36,112.50	\$ 36,112.50		\$	1,605,000	14.20%
07/01/2019	1,605,000	Serial	4.500%	36,112.50	1,641,112.50	1,677,225.00		-	0.00%
	\$ 1,605,000			\$ 72,225	\$ 1,677,225	\$ 1,677,225			

\*\* Modified Accrual Basis

\$48,125,000

HILLSBOROUGH COUNTY, FLORIDA

**General Obligation Bonds** 

(Environmental Lands Acquisition and Protection Program) Series 2009B (Federally Taxable - Build America Bonds - Direct Subsidy)

DATED:	December	29, 2009		Ratings	Underlying	Insured
DELIVERED:	December	29, 2009		Moody's	Aaa	None
Initial Call Date / P	rice:	07/01/2019	100%	S&P	AAA	None
True Interest Cost (TIC):		3.996918%		Fitch	AAA	None
Arbitrage Yield:		3.931377%				

#### PURPOSE

To finance the acquisition, preservation, protection, management and restoration of environmentally sensitive lands.

#### SECURITY

Ad Valorem Tax levied on all taxable property within the corporate limits of the County. These are general obligation bonds, secured by the full faith and credit and taxing powers of the County.

Coupon		Bond	Coupon			Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	Rate	li	nterest	Debt Service	Debt Service **	Debt	Outstanding
01/01/2019	\$-			\$ 1	L,433,962.50	\$ 1,433,962.50		\$ 48,125,000	100.00%
07/01/2019	-			1	L,433,962.50	1,433,962.50	2,867,925.00	48,125,000	100.00%
01/01/2020	-				L,433,962.50	1,433,962.50		48,125,000	100.00%
07/01/2020	1,680,000	Serial	4.875%		L,433,962.50	3,113,962.50	4,547,925.00	46,445,000	96.51%
01/01/2021	-			1	L,393,012.50	1,393,012.50		46,445,000	96.51%
07/01/2021	1,730,000	Term 1	5.050%		L,393,012.50	3,123,012.50	4,516,025.00	44,715,000	92.91%
01/01/2022	-			1	L,349,330.00	1,349,330.00		44,715,000	92.91%
07/01/2022	1,790,000	Term 1	5.050%	1	L,349,330.00	3,139,330.00	4,488,660.00	42,925,000	89.19%
01/01/2023	-			1	L,304,132.50	1,304,132.50		42,925,000	89.19%
07/01/2023	1,845,000	Term 1	5.050%	1	L,304,132.50	3,149,132.50	4,453,265.00	41,080,000	85.36%
01/01/2024	-			1	L,257,546.25	1,257,546.25		41,080,000	85.36%
07/01/2024	1,910,000	Term 1	5.050%	1	L,257,546.25	3,167,546.25	4,425,092.50	39,170,000	81.39%
01/01/2025	-			1	L,209,318.75	1,209,318.75		39,170,000	81.39%
07/01/2025	1,970,000	Term 1	5.050%	1	L,209,318.75	3,179,318.75	4,388,637.50	37,200,000	77.30%
01/01/2026	-			1	L,159,576.25	1,159,576.25		37,200,000	77.30%
07/01/2026	2,035,000	Serial	6.000%	1	L,159,576.25	3,194,576.25	4,354,152.50	35,165,000	73.07%
01/01/2027	-			1	L,098,526.25	1,098,526.25		35,165,000	73.07%
07/01/2027	2,115,000	Serial	6.000%	1	L,098,526.25	3,213,526.25	4,312,052.50	33,050,000	68.68%
01/01/2028	-			1	L,035,076.25	1,035,076.25		33,050,000	68.68%
07/01/2028	2,195,000	Serial	6.000%	1	L,035,076.25	3,230,076.25	4,265,152.50	30,855,000	64.11%
01/01/2029	-				969,226.25	969,226.25		30,855,000	64.11%
07/01/2029	2,280,000	Serial	6.000%		969,226.25	3,249,226.25	4,218,452.50	28,575,000	59.38%
01/01/2030	-				900,826.25	900,826.25		28,575,000	59.38%
07/01/2030	2,370,000	Term 2	6.250%		900,826.25	3,270,826.25	4,171,652.50	26,205,000	54.45%
01/01/2031	-				826,763.75	826,763.75		26,205,000	54.45%
07/01/2031	2,470,000	Term 2	6.250%		826,763.75	3,296,763.75	4,123,527.50	23,735,000	49.32%
01/01/2032	-				749,576.25	749,576.25		23,735,000	49.32%
07/01/2032	2,570,000	Term 2	6.250%		749,576.25	3,319,576.25	4,069,152.50	21,165,000	43.98%
01/01/2033	-				669,263.75	669,263.75		21,165,000	43.98%
07/01/2033	2,670,000	Term 2	6.250%		669,263.75	3,339,263.75	4,008,527.50	18,495,000	38.43%
01/01/2034	-				585,826.25	585,826.25		18,495,000	38.43%
07/01/2034	2,780,000	Term 2	6.250%		585,826.25	3,365,826.25	3,951,652.50	15,715,000	32.65%
01/01/2035	-				498,951.25	498,951.25		15,715,000	32.65%
07/01/2035	2,895,000	Term 3	6.350%		498,951.25	3,393,951.25	3,892,902.50	12,820,000	26.64%
01/01/2036	-				407,035.00	407,035.00		12,820,000	26.64%
07/01/2036	3,015,000	Term 3	6.350%		407,035.00	3,422,035.00	3,829,070.00	9,805,000	20.37%
01/01/2037	-				311,308.75	311,308.75		9,805,000	20.37%
07/01/2037	3,140,000	Term 3	6.350%		311,308.75	3,451,308.75	3,762,617.50	6,665,000	13.85%
01/01/2038	-				211,613.75	211,613.75		6,665,000	13.85%
07/01/2038	3,265,000	Term 3	6.350%		211,613.75	3,476,613.75	3,688,227.50	3,400,000	7.06%
01/01/2039	-				107,950.00	107,950.00	. ,	3,400,000	7.06%
07/01/2039	3,400,000	Term 3	6.350%		107,950.00	3,507,950.00	3,615,900.00	-	0.00%
	\$ 48,125,000			\$	37,825,570	\$ 85,950,570	\$ 85,950,570		

1 - 07/01/2025

\$ 9,245,000 Term bond 1, CUSIP number 432290LG7 12,860,000 Term bond 2, CUSIP number 432290LM4

2 - 07/01/2034 3 - 07/01/2039

15,715,000 Term bond 3, CUSIP number 432290LN2

\*\* Modified Accrual Basis

5. Revenue Bonds: Non-Enterprise/Non-Ad Valorem

#### **REVENUE BONDS: NON-ENTERPRISE/NON-AD VALOREM**

The debt classified as "non-enterprise/non-ad valorem" is supported by a variety of fees, taxes and other County revenues, excluding enterprise system revenues and ad valorem taxes. All currently outstanding debt in this category is tax-exempt. The following overview provides a description of each outstanding issue, the original amount and purpose of the issue, and a description of pledged revenues.

The tax-exempt debt issued under the County's **Commercial Paper Program** (the "Program"), established in April 2000, is payable from and secured by the County's covenant to budget and appropriate from non-ad valorem revenues. The County's borrowings under the Program are also secured by a \$275 million revolving credit agreement from Union Bank-Mitsubishi UFJ. Since its inception, the Program has provided cost-efficient, short-term financing for projects until such time as final project costs are known, sufficient revenue is available to support a long-term financing, multiple projects can be combined into a single long-term financing of adequate dollar size, or a favorable interest rate environment exists.

The **Series 2007 Community Investment Tax Revenue Bonds** were issued in the amount of \$191,800,000 to finance the acquisition and construction of transportation and other capital improvements in the County. The Series 2007 Bonds are payable solely from and secured by the CIT revenues. The CIT Revenues securing the Series 2007 Bonds are on a parity and equal status with the County's outstanding CIT Refunding Revenue Bonds, Series 2015, and the County's Court Facilities Refunding Revenue Note, Series 2015.

The **Series 2008 Capital Improvement Non-Ad Valorem Refunding Revenue Bonds** (Warehouse and Sheriff's Facilities Project) were issued in the amount of \$19,195,000 on May 5, 2008. The Series 2008 Bonds were issued to refund the outstanding Series 1998 Bonds. The Series 2008 Bonds are payable solely from, and secured by, a lien upon, and pledge of, the available non-ad valorem revenues budgeted and appropriated by the County.

The **Series 2012A Community Investment Tax Refunding Revenue Bonds** were issued in the amount of \$38,130,000 on May 23, 2012. The Series 2012A Bonds were issued to refund a portion of the outstanding Community Investment Tax Revenue Bonds, Series 2001A (Jail Project), and a portion of the outstanding Community Investment Tax Revenue Bonds, Series 2001B (Stormwater Project). The Series 2012A Bonds are payable solely from and secured by the CIT revenues. The CIT revenues securing the Series 2012A Bonds are on a parity and equal status with the County's outstanding Court Facilities Refunding Revenue Note, Series 2015; CIT Revenue Bonds, Series 2007; the CIT Refunding Revenue Bonds, Series 2012B; and the CIT Refunding Revenue Bonds, Series 2015.

The **Series 2012B Community Investment Tax Refunding Revenue Bonds** were issued in the amount of \$51,625,000 on May 23, 2012. The Series 2012B Bonds were issued to refund a portion of the outstanding Community Investment Tax Revenue Bonds, Series 2004. The unrefunded portion of the Series 2004 Bonds reached maturity in fiscal year 2015. The Series 2012B Bonds are payable solely from and secured by the CIT revenues. The CIT revenues securing the Series 2012B Bonds are on a parity and equal status with the County's outstanding Court Facilities Refunding Revenue Bonds, Series 2007; the CIT Refunding Revenue Bonds, Series 2012A; and the CIT Refunding Revenue Bonds, Series 2015.

The **Series 2012 Capital Improvement Program Revenue Bonds** were issued in the amount of \$67,445,000 on June 21, 2012. The Series 2012 Bonds were issued to pay off \$50 million of outstanding commercial paper notes and to fund approximately \$29 million of capital improvement projects approved as part the adopted CIP. The Series 2012 Bonds are secured by half-cent sales tax revenues, but may be repaid in part by CIT Revenues depending on excess CIT capacity.

The **Series 2015 Communications Services Tax Revenue Bonds** were issued in the amount of \$67,800,000 on April 16, 2015. The Series 2015 Bonds were issued in order to provide funds sufficient to finance, refinance and/or reimburse the acquisition, construction and equipping of a new Public Safety Operations Complex ("PSOC"), additional space for use by

the Sheriff's office, improvements to various existing fire stations, construction of new fire stations, and various parks, recreation and other public facilities improvements. The Bonds are secured by and will be repaid from Communications Services Tax revenues.

The **Series 2015 Community Investment Tax Refunding Revenue Bonds** were issued in the amount of \$139,215,000 on July 29, 2015. The Series 2015 Bonds were issued in order to refinance \$49,500,000 of outstanding commercial paper notes, and \$103,745,000 of outstanding Community Investment Tax Revenue Bonds, Series 2007. The Series 2015 Bonds are payable solely from and secured by the CIT Revenues. The CIT Revenues securing the 2015 Series Bonds are on a parity and equal status with the County's outstanding Court Facilities Refunding Note, Series 2015; CIT Revenue Bonds, Series 2007 (unrefunded portion), and CIT Refunding Revenue Bonds, Series 2012A and Series 2012B.

The **Series 2015 Tampa Bay Arena Refunding Revenue Note** was issued in the amount of \$11,176,000 on November 5, 2015. The Series 2015 Note was issued in order to refund all of the outstanding 2005 Tampa Bay Arena Refunding Revenue Bonds originally issued to refund the Tampa Sports Authority Taxable 1995 Special Purpose Bonds (Surcharge Loan Revenue Series), and to pay the cost of terminating a forward interest rate swap agreement.

The **Series 2015 Court Facilities Refunding Revenue Note** was issued in the amount of \$19,756,000 on November 5, 2015. The Series 2015 Note was issued to refund the Court Facilities Series 2005 Bonds, which were issued to refund the Court Facilities Series 1999 Bonds, which were issued to finance capital improvements to the court system facilities of the County, and to refund the Courthouse Annex Note and the 700 Twiggs Street Commercial Paper Loan. The Note is on a parity and equal status to the CIT Revenue Bonds, Series 2007; the CIT Refunding Revenue Bonds, Series 2015.

The **Series 2016 Capital Improvement Program Refunding Revenue Bonds** were issued in the amount of \$18,185,000 on July 14, 2016. The Series 2016 Bonds were issued to refund all the outstanding 2006 Capital Improvement Program Refunding Revenue Bonds, which were issued to refund the Series 1996 Capital Improvement Program Refunding Revenue Bonds (Steinbrenner/Legends Field and 800 MHz Radio Communication System). The Bonds are secured by the half-cent sales tax revenues, but may be repaid in part by the 4<sup>th</sup> cent TDT revenues.

**The Series 2016 Fifth Cent Tourist Development Tax Refunding Revenue Bonds** were issued in the amount of \$39,075,000 on October 25, 2016. The Series 2016 Bonds were issued to refund the 2006A Fifth Cent Tourist Development Tax Refunding Revenue Bonds (Ice Palace Project) and redeem outstanding Commercial Paper related to Amalie Arena, formerly known as the Tampa Bay Times Forum, St Pete Times Forum and as the Ice Palace. The 5<sup>th</sup> Cent Tourist Development Tax Revenues are the sole payment source for the Series 2016 Bonds.

**The Series 2017A Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds** were issued in the amount of \$12,875,000. The Series 2017A Bonds were issued to refund the County's outstanding Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds, Series 2006, which were issued to refund Tampa Sports Authority Tourist Development Tax Revenue Bonds (Stadium Project), Series 1997B, which in turn were issued to fund the acquisition and/or construction of various capital improvements to the County-owned Steinbrenner Field (fka Legends Field) baseball stadium, and the City-owned Tampa Convention Center. The 4<sup>th</sup> Cent Tourist Development Tax is the sole payment source for the Series 2017A Bonds.

**The Series 2017B Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds** were issued in the amount of \$22,020,000. The 2017B Bonds were issued to fund certain cost reimbursements for various improvements to George M. Steinbrenner Field (fka Legends Field), a professional spring training baseball facility. The 4<sup>th</sup> Cent Tourist Development Tax is the sole payment source for the Series 2017B Bonds.

**The Series 2017 Capital improvement Non-Ad Valorem Refunding Revenue Note was** issued in the amount of \$11,749,000 on September 26, 2017. The Series 2017 Note was issued in order to refinance \$11,420,000 of outstanding Capital Improvement Non-Ad Valorem Refunding Revenue Bonds, Series 2008 which were issued to refund the County's Capital Improvement Non-Ad Valorem Revenue Bonds, Series 1998 which were issued to 1) fund the acquisition and construction of a combined warehouse and operations center for various County agencies and two regional substations for the County sheriff's department, and 2) redeem an outstanding note to the Florida Local Government Finance Commission.

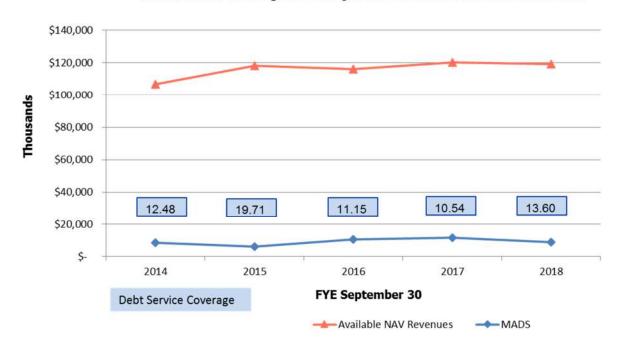
**The Series 2018 Community Investment Tax Refunding Revenue Bonds were** issued in the amount of \$61,135,000 on July 24, 2018. The Series 2018 Bonds were issued for the purpose of refunding \$51,610,000 of outstanding commercial paper notes, together with financing the design, engineering, acquisition, construction and reconstruction of certain transportation and other capital improvements in the County. The Bonds are secured by CIT Revenues.

#### Amount Outstanding

Outstanding				Insured/	Bond	
FYE 2018	Dated Date	Issue	<u>Security</u>	Underlyin <u>g Ratings *</u>	Insurance	Final <u>Maturity</u>
Non-Ad Valorem	Bonds					
\$ 65,790,000	05/23/2012	\$89,755,000 Community Investment Tax Refunding Revenue Bonds, Series 2012A and B (Series 2012A= \$38,130,000 and Series 2012B= \$51,625,000)	Local Option Infrastructure Surtax (Community Investment Tax "CIT")	A1/AA/AA	None	11/01/25
\$ 19,780,000	05/30/2012	\$67,445,000 Capital Improvement Program Revenue Bonds, Series 2012	Local Government Half- Cent Sales Tax	Aa2/AA+/AA+	None	02/01/26
\$ 65,525,000	04/09/2015	\$67,800,000 Communication Services Tax Revenue Bond Series 2015	Communications Services Tax (CST)	Aa1/AA/AA+	None	10/01/45
\$ 9,400,000	11/05/2015	\$11,176,000 Tampa Bay Arena Refunding revenue Note	Covenant to Budget & Appropriate Non-Ad Valorem Revenues	None	None	10/01/2016
\$ 16,527,000	11/05/2015	\$19,756,000 Court Facilities Refunding Revenue Note	Traffic Surcharges / CIT	Aaa/AAA/AAA A1/AA+/A+	None	11/01/2026
\$ 14,240,000	07/14/2016	\$18,185,000 Capital Improvement Program Refunding Revenue Bonds, Series 2016	Local Government Half- Cent Sales Tax	Aa2/AA+/AA+	None	08/01/24
\$ 38,380,000	10/27/2016	\$39,075,000 Fifth Cent Tourist Development Tax Refunding Revenue Bonds Series 2016	5 <sup>th</sup> Cent Tourist Development Tax	A2/A+/AA- A2/AA/AA-	AGM	10/01/2046
\$ 33,895,000	02/16/2017	\$34,985,000 Fourth Cent Tourist Development Tax refunding and Improvement Revenue Bonds Series 2017A and B. (Series 2017A= \$12,875,000 and Series 2017B= \$22,020,000	4 <sup>th</sup> Cent Tourist Development Tax	Aaa/AAA/AAA A1/A+/AA-	None	10/01/2035 10/01/2046
\$ 11,749,000	09/26/2017	\$11,749,000 Capital Improvement Non-Ad valorem Refunding Revenue Note, Series 2017	Covenant to Budget & Appropriate Non-Ad Valorem Revenues	-/A+/AA-	None	07/01/2028
\$61,135,000	07/24/2018	\$61,135,000 Community Investment Tax Refunding Revenue Bonds, Series 2018	Local Option Infrastructure Surtax (Community Investment Tax "CIT")	A1/AA/AA	None	11/01/2026

# Total Non-Ad Valorem Bonds

# \$497,502,0000



Debt Service Coverage from Major Non-Ad Valorem Revenue Sources

Note: For additional details, please see Appendix D (Historical Bond Debt Service Coverage of Bonds Secured by a Covenant to Budget and Appropriate Non-Ad Valorem Revenues, Fiscal Years Ended September 30, 2014 through September 30, 2018).

As of 9/30/2018 AGGREGATE DEBT SERVICE SCHEDULE (excluding Commercial Paper Program)

Fiscal			Fiscal Year	Outstanding	Percent
Year	Principal	Interest	Debt Service	Debt (FYE)	Outstanding <sup>(1)</sup>
2019	\$ 34,881,000 \$	19,938,472	\$ 54,819,472	\$ 471,565,000	94.79%
2020	40,377,000	18,887,580	59,264,580	431,638,000	86.76%
2021	42,255,000	17,034,864	59,289,864	389,844,000	78.36%
2022	44,204,000	15,055,792	59,259,792	346,112,000	69.57%
2023	46,324,000	12,963,359	59,287,359	305,847,000	61.48%
2024	48,310,000	10,943,339	59,253,339	263,742,000	53.01%
2025	47,599,000	8,920,739	56,519,739	222,500,000	44.72%
2026	49,541,000	6,961,452	56,502,452	179,466,000	36.07%
2027	36,563,000	5,022,934	41,585,934	142,903,000	28.72%
2028	5,668,000	4,060,397	9,728,397	137,235,000	27.58%
2029	4,570,000	3,839,185	8,409,185	121,245,000	24.37%
2030	4,755,000	3,653,695	8,408,695	116,490,000	23.41%
2031	4,945,000	3,463,557	8,408,557	111,545,000	22.42%
2032	5,135,000	3,275,969	8,410,969	106,410,000	21.39%
2033	5,315,000	3,080,224	8,395,224	101,095,000	20.32%
2034	5,530,000	2,874,056	8,404,056	95,565,000	19.21%
2035	5,725,000	2,654,838	8,379,838	89,840,000	18.06%
2036	5,965,000	2,411,719	8,376,719	83,875,000	16.86%
2037	4,745,000	2,185,019	6,930,019	55,095,000	11.07%
2038	4,950,000	1,975,319	6,925,319	50,145,000	10.08%
2039	5,165,000	1,755,734	6,920,734	44,980,000	9.04%
2040	5,390,000	1,545,388	6,935,388	39,590,000	7.96%
2041	5,585,000	1,345,969	6,930,969	34,005,000	6.84%
2042	5,790,000	1,139,203	6,929,203	28,215,000	5.67%
2043	5,995,000	923,875	6,918,875	22,220,000	4.47%
2044	6,220,000	699,563	6,919,563	16,000,000	3.22%
2045	6,450,000	466,797	6,916,797	9,550,000	1.92%
2046	6,685,000	225,375	6,910,375	2,865,000	0.58%
2047	2,865,000	51,234	2,916,234	-	0.00%
	\$ 497,502,000 \$	157,355,643	\$ 654,857,643		

 $^{(1)}\,$  Percentage of Amount Outstanding at fiscal year end 2018

NOTE: All Data Above Excludes Commercial Paper Program

\$38,130,000 HILLSBOROUGH COUNTY, FLORIDA Community Investment Tax Refunding Revenue Bonds Series 2012A

DATED: May 10, 2 DELIVERED: May 23, 2 Initial Call Date / Price: True Interest Cost (TIC): Arbitrage Yield:	100%		<u>Ratings</u> Moody's S&P Fitch	<u>Underlying</u> A1 AA AA	<u>Insured</u> None None None
PURPOSE	 	SECURITY			

To refund a portion of the County's oustanding Community Investment Tax Revenue Bonds, Series 2001A and Series 2001B.

#### **SECURITY** The Local Option Infrastructure Surtax (Community Investment Tax, "CIT"). The lien and pledge on the CIT Revenues is on a parity with the outstanding Community Investment Tax Revenue Bonds, Series 2007, Series 2012B, Series 2015 and Court Facilities Refunding Revenue Note, Series 2015.

Coupon		Bond		Coupon			Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate		Interest	Debt Service	Debt Service**	Debt	Outstanding
11/01/2018	\$ 2,875,000	Serial	43231YEY8	5.00%	\$	580,600.00	\$ 3,455,600.00		\$ 22,745,000	59.65%
05/01/2019		Serial				508,725.00	508,725.00	3,964,325.00	22,745,000	59.65%
11/01/2019	3,030,000	Serial	43231YEZ5	5.00%		508,725.00	3,538,725.00		19,715,000	51.70%
05/01/2020		Serial				432,975.00	432,975.00	3,971,700.00	19,715,000	51.70%
11/01/2020	3,180,000	Serial	43231YFA9	5.00%		432,975.00	3,612,975.00		16,535,000	43.36%
05/01/2021		Serial				353,475.00	353,475.00	3,966,450.00	16,535,000	43.36%
11/01/2021	3,345,000	Serial	43231YFB7	5.00%		353,475.00	3,698,475.00		13,190,000	34.59%
05/01/2022		Serial				269,850.00	269,850.00	3,968,325.00	13,190,000	34.59%
11/01/2022	3,505,000	Serial	43231YFC5	5.00%		269,850.00	3,774,850.00		9,685,000	25.40%
05/01/2023		Serial				182,225.00	182,225.00	3,957,075.00	9,685,000	25.40%
11/01/2023	3,695,000	Serial	43231YFD3	5.00%		182,225.00	3,877,225.00		5,990,000	15.71%
05/01/2024		Serial				89,850.00	89,850.00	3,967,075.00	5,990,000	15.71%
11/01/2024	3,840,000	Serial	43231YFE1	3.00%		89,850.00	3,929,850.00		2,150,000	5.64%
05/01/2025		Serial				32,250.00	32,250.00	3,962,100.00	2,150,000	5.64%
11/01/2025	2,150,000	Serial	43231YFF8	3.00%		32,250.00	2,182,250.00		-	0.00%
05/01/2026		Serial	-			-	-	2,182,250.00	-	0.00%
	\$ 25,620,000				Ś	4,319,300.00	\$ 29,939,300.00	\$ 29,939,300.00		

\$51,625,000

HILLSBOROUGH COUNTY, FLORIDA

Community Investment Tax Refunding Revenue Bonds

Series 2012B

DATED:	May 10, 2012			Ratings	Underlying	Insured
DELIVERED:	May 23, 2012			Moody's	A1	None
Initial Call Date /	Price:	11/01/2023	100%	S&P	AA	None
True Interest Co	st (TIC):	2.557791%		Fitch	AA	None
Arbitrage Yield:		2.420960%				

### PURPOSE

To advance refund a portion of the County's oustanding Community Investment Tax Revenue Bonds, Series 2004.

### SECURITY

The Local Option Infrastructure Surtax (Community Investment Tax, "CIT"). The lien and pledge on the CIT Revenues is on a parity with the outstanding Community Investment Tax Revenue Bonds, Series 2007, Series 2012A, Series 2015 and Court Facilities Refunding Revenue Note, Series 2015.

Coupon		Bond		Coupon		Periodic	Fiscal Year	(	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Debt Service**		Debt	Outstanding
11/01/2018	\$ 4,210,000	Serial	43231YFK7	5.00%	\$ 889,500.00	\$ 5,099,500.00		\$	35,960,000	69.66%
05/01/2019		Serial			784,250.00	784,250.00	5,883,750.00		35,960,000	69.66%
11/01/2019	4,420,000	Serial	43231YFL5	5.00%	784,250.00	5,204,250.00			31,540,000	61.09%
05/01/2020		Serial			673,750.00	673,750.00	5,878,000.00		31,540,000	61.09%
11/01/2020	4,645,000	Serial	43231YFM3	5.00%	673,750.00	5,318,750.00			26,895,000	52.10%
05/01/2021		Serial			557,625.00	557,625.00	5,876,375.00		26,895,000	52.10%
11/01/2021	4,880,000	Serial	43231YFN1	5.00%	557,625.00	5,437,625.00			22,015,000	42.64%
05/01/2022		Serial			435,625.00	435,625.00	5,873,250.00		22,015,000	42.64%
11/01/2022	5,130,000	Serial	43231YFP6	5.00%	435,625.00	5,565,625.00			16,885,000	32.71%
05/01/2023		Serial			307,375.00	307,375.00	5,873,000.00		16,885,000	32.71%
11/01/2023	5,410,000	Serial	43231YFQ4	5.00%	307,375.00	5,717,375.00			11,475,000	22.23%
05/01/2024		Serial			172,125.00	172,125.00	5,889,500.00		11,475,000	22.23%
11/01/2024	5,640,000	Serial	43231YFR2	3.00%	172,125.00	5,812,125.00			5,835,000	11.30%
05/01/2025		Serial			87,525.00	87,525.00	5,899,650.00		5,835,000	11.30%
11/01/2025	5,835,000	Serial	43231YFS0	3.00%	87,525.00	5,922,525.00			-	0.00%
05/01/2026		Serial			-	-	5,922,525.00		-	0.00%
	\$ 40,170,000				\$ 6,926,050.00	\$ 47,096,050.00	\$ 47,096,050.00			

#### \$67,445,000 HILLSBOROUGH COUNTY, FLORIDA Capital Improvement Program Revenue Bonds Series 2012

	May 30, 2012 June 21, 2012			<u>Ratings</u> Moody's	Underlying Aa2	<u>Insured</u> None
Initial Call Date /	Price:	08/01/2023	100%	S&P	AA+	None
True Interest Cost	t (TIC):	2.496803%		Fitch	AA+	None
Arbitrage Yield:		2.163706%				

#### PURPOSE

To provide funds to pay costs of the acquisition and construction of various capital projects including, but not limited to, County government facilities, recreational park improvements, stormwater utility improvements, and various transportation-related capital improvements, and to refinance certain outstanding commercial paper notes.

### SECURITY

Local Government Half-Cent Sales Tax. On parity with the Capital Improvement Program Refunding Revenue Bonds, Series 2016.

Coupon		Bond		Coupon			Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate		Interest	Debt Service	Debt Service**	Debt	Outstanding
02/01/2019	\$-				\$	494,500.00	\$ 494,500.00		\$ 43,815,000	64.96%
08/01/2019	4,590,000	Serial	43232FKT2	5.000%		494,500.00	5,084,500.00	5,579,000.00	39,225,000	58.16%
02/01/2020						379,750.00	379,750.00		39,225,000	58.16%
08/01/2020	4,820,000	Serial	43232FKU9	5.00%		379,750.00	5,199,750.00	5,579,500.00	34,405,000	51.01%
02/01/2021						259,250.00	259,250.00		34,405,000	51.01%
08/01/2021	5,060,000	Serial	43232FKV7	5.00%		259,250.00	5,319,250.00	5,578,500.00	29,345,000	43.51%
02/01/2022						132,750.00	132,750.00		29,345,000	43.51%
08/01/2022	5,310,000	Serial	43232FKW5	5.00%		132,750.00	5,442,750.00	5,575,500.00	24,035,000	35.64%
	\$ 19,780,000				Ś	2,532,500.00	\$ 22.312.500.00	\$ 22.312.500.00		

\$11,176,000 HILLSBOROUGH COUNTY, FLORIDA Tampa Bay Arena Refunding Revenue Note

Series 2015

DATED:	November 5, 2015	Ratings	Underlying	Insured *
DELIVERED:	November 5, 2015	Moody's	None	None
Initial Call Date / I	Price: Not Callable	S&P	None	None
True Interest Cost	: (TIC): 2.234277%	Fitch	None	None
Arbitrage Yield:	2.160156%			

### PURPOSE

To refund the 2005 Tampa Bay Arena Refunding Revenue Bonds, which were used to refund the Tampa Sports Authority Taxable 1995 Special Purpose Bonds and pay the cost of terminating a forward interest rate swap agreement.

### SECURITY

Covenant to budget and appropriate from legally available Non-Ad Valorem revenues. (The 5th Cent Tourist Development Tax and ticket surcharges on events at the Amalie Arena are the source of payment for debt service.)

Coupon		Bond	Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Type CUSIP #	Rate	Interest	Debt Service	Debt Service**	Debt	Outstanding
10/01/2018	\$ 952,000	43233CAN2	2.16%	\$ 101,520.00	\$ 1,053,520.00		\$ 8,448,000	75.59%
04/01/2019				91,238.40	91,238.40	1,144,758.40	8,448,000	75.59%
10/01/2019	973,000	*	2.16%	91,238.40	1,064,238.40		7,475,000	66.88%
04/01/2020				80,730.00	80,730.00	1,144,968.40	7,475,000	66.88%
10/01/2020	992,000	43233CAQ5	2.16%	80,730.00	1,072,730.00		6,483,000	58.01%
04/01/2021				70,016.40	70,016.40	1,142,746.40	6,483,000	58.01%
10/01/2021	1,022,000	43233CAQ5	2.16%	70,016.40	1,092,016.40		5,461,000	48.86%
04/01/2022				58,978.80	58,978.80	1,150,995.20	5,461,000	48.86%
10/01/2022	1,044,000	43233CAQ5	2.16%	58,978.80	1,102,978.80		4,417,000	39.52%
04/01/2023				47,703.60	47,703.60	1,150,682.40	4,417,000	39.52%
10/01/2023	1,064,000	43233CAQ5	2.16%	47,703.60	1,111,703.60		3,353,000	30.00%
04/01/2024				36,212.40	36,212.40	1,147,916.00	3,353,000	30.00%
10/01/2024	1,093,000	43233CAQ5	2.16%	36,212.40	1,129,212.40		2,260,000	20.22%
04/01/2025				24,408.00	24,408.00	1,153,620.40	2,260,000	20.22%
10/01/2025	1,113,000	43233CAQ5	2.16%	24,408.00	1,137,408.00		1,147,000	10.26%
04/01/2026				12,387.60	12,387.60	1,149,795.60	1,147,000	10.26%
10/01/2026	1,147,000	43233CAR3	2.16%	12,387.60	1,159,387.60	1,159,387.60	-	0.00%
	\$ 9,400,000			\$ 944,870.40	\$ 10,344,870.40	\$ 10,344,870.40		

\$139,215,000

HILLSBOROUGH COUNTY, FLORIDA

Community Investment Tax Refunding Revenue Bonds

Series 2015

DATED: July 29, 2015 DELIVERED: July 29, 2015		<u>Ratings</u> Moody's	Underlying A1	Insured * None
Initial Call Date / Price:	Not Callable	S&P	AA	None
True Interest Cost (TIC):	2.1857620%	Fitch	AA	None
Arbitrage Yield:	2.1452940%			

### PURPOSE

To refund the County's 2007 Community Investment Tax Revenue Bonds which were issued to finance the acquisition and construction of transportation and other capital improvement projects in the County and to refinance certain outstanding commercial paper notes.

### SECURITY

The Community Investment Tax Revenues. The lien and pledge on the CIT Revenues is on a parity with the outstanding Community Investment Tax Revenue Bonds, Series 2007, Series 2012A, Series 2012B, and Court Facilities Refunding Revenue Note, Series 2015.

								County's		
Coupon	Dringing	Bond		Coupon		latoret	Periodic Dobt Comise	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	-	Interest	Debt Service	Debt Service**	Debt	Outstanding
11/01/2018	\$ 13,970,000	Serial	43231YFV3	5.00%	\$	3,353,250.00	\$ 17,323,250.00		\$ 120,160,000	86.31%
05/01/2019						3,004,000.00	3,004,000.00	20,327,250.00	120,160,000	86.31%
11/01/2019	14,680,000	Serial	43231YFW1	5.00%		3,004,000.00	17,684,000.00		105,480,000	75.77%
05/01/2020						2,637,000.00	2,637,000.00	20,321,000.00	105,480,000	75.77%
11/01/2020	15,420,000	Serial	43231YFX9	5.00%		2,637,000.00	18,057,000.00		90,060,000	64.69%
05/01/2021						2,251,500.00	2,251,500.00	20,308,500.00	90,060,000	64.69%
11/01/2021	16,205,000	Serial	43231YFY7	5.00%		2,251,500.00	18,456,500.00		73,855,000	53.05%
05/01/2022						1,846,375.00	1,846,375.00	20,302,875.00	73,855,000	53.05%
11/01/2022	17,085,000	Serial	43231YFZ4	5.00%		1,846,375.00	18,931,375.00		56,770,000	40.78%
05/01/2023						1,419,250.00	1,419,250.00	20,350,625.00	56,770,000	40.78%
11/01/2023	17,845,000	Serial	43231YGA8	5.00%		1,419,250.00	19,264,250.00		38,925,000	27.96%
05/01/2024						973,125.00	973,125.00	20,237,375.00	38,925,000	27.96%
11/01/2024	18,705,000	Serial	43231YGB6	5.00%		973,125.00	19,678,125.00		20,220,000	14.52%
05/01/2025						505,500.00	505,500.00	20,183,625.00	20,220,000	14.52%
11/01/2025	20,220,000	Serial	43231YGC4	5.00%		505,500.00	20,725,500.00		-	0.00%
05/01/2026						-	-	20,725,500.00	-	0.00%
	\$ 134,130,000				\$	28,626,750.00	\$162,756,750.00	\$ 162,756,750.00		

\$67,800,000 HILLSBOROUGH COUNTY, FLORIDA Communication Services Tax Revenue Bonds (PSOC) Series 2015

DATED:	April 9, 2015				Ratings	Underlying	Insured *
DELIVERED:	April 9, 2015				Moody's	Aa1	A2
Initial Call Date	/ Price:	10/01/2026	100%	100%	S&P	AA	AA
True Interest C	Cost (TIC):	3.6818580%			Fitch	AA+	N/A
Arbitrage Yield	l:	3.4630810%			* Insurer: Assure	ed Guaranty Municipa	al Corp.

# PURPOSE

To fund the Series 2015 Project, which generally consists of the acquisition, construction and equipping of a new Public Safety Operations Complex (PSOC), new Sheriff's facilities, improvements to various fire stations, and new fire stations and various parks, recreation and other public facilities improvements.

SECURITY

Local Communications Services Tax Revenues pursuant to the Florida Statutes.

Coupon			Bond		Coupon				Periodic	County's Fiscal Year	Outstanding	Percent
Date	Р	rincipal	Туре	CUSIP#	Rate		Interest		Debt Service	Debt Service **	Debt	Outstanding
10/01/2018	\$	1,210,000	Serial	432299AB1	5.00%	\$	1,427,500.00	\$	2,637,500.00		\$ 64,315,000	94.86%
04/01/2019							1,397,250.00		1,397,250.00	4,034,750.00	64,315,000	94.86%
10/01/2019		1,270,000	Serial	432299AC9	5.00%		1,397,250.00		2,667,250.00		63,045,000	92.99%
04/01/2020							1,365,500.00		1,365,500.00	4,032,750.00	63,045,000	92.99%
10/01/2020		1,335,000	Serial	432299AD7	2.00%		1,365,500.00		2,700,500.00		61,710,000	91.02%
04/01/2021							1,352,150.00		1,352,150.00	4,052,650.00	61,710,000	91.02%
10/01/2021		1,360,000	Serial	432299AE5	5.00%		1,352,150.00		2,712,150.00		60,350,000	89.01%
04/01/2022							1,318,150.00		1,318,150.00	4,030,300.00	60,350,000	89.01%
10/01/2022		1,430,000	Serial	432299AF2	2.00%		1,318,150.00		2,748,150.00		58,920,000	86.90%
04/01/2023							1,303,850.00		1,303,850.00	4,052,000.00	58,920,000	86.90%
10/01/2023		1,455,000	Serial	432299AG0	5.00%		1,303,850.00		2,758,850.00	,,	57,465,000	84.76%
04/01/2024		,,					1,267,475.00		1,267,475.00	4,026,325.00	57,465,000	84.76%
10/01/2024		1,530,000	Serial	432299AH8	5.00%		1,267,475.00		2,797,475.00	.,,.	55,935,000	82.50%
04/01/2025		2,000,000	001101	1022007.110	0.0070		1,229,225.00		1,229,225.00	4,026,700.00	55,935,000	82.50%
10/01/2025		1,605,000	Serial	432299AJ4	5.00%		1,229,225.00		2,834,225.00	4,020,700.00	54,330,000	80.13%
04/01/2026		1,005,000	Schul	452255AJ4	5.0070		1,189,100.00		1,189,100.00	4,023,325.00	54,330,000	80.13%
10/01/2026		1,685,000	Serial	432299AK1	5.00%		1,189,100.00		2,874,100.00	4,023,323.00	52,645,000	77.65%
04/01/2027		1,085,000	Serial	432233AK1	5.00%		1,146,975.00		1,146,975.00	4,021,075.00	52,645,000	77.65%
		1 770 000	Carial	422200410	F 000/		1,146,975.00			4,021,075.00		75.04%
10/01/2027		1,770,000	Serial	432299AL9	5.00%		, ,		2,916,975.00	4 010 700 00	50,875,000	
04/01/2028		4 0 0 0 0 0 0		4222004447	E 250/		1,102,725.00		1,102,725.00	4,019,700.00	50,875,000	75.04%
10/01/2028		1,860,000	Serial	432299AM7	5.25%		1,102,725.00		2,962,725.00	4 04 6 625 00	49,015,000	72.29%
04/01/2029		4 055 000		4222004115	E 250/		1,053,900.00		1,053,900.00	4,016,625.00	49,015,000	72.29%
10/01/2029		1,955,000	Serial	432299AN5	5.25%		1,053,900.00		3,008,900.00		47,060,000	69.41%
04/01/2030							1,002,581.25		1,002,581.25	4,011,481.25	47,060,000	69.41%
10/01/2030		2,060,000	Serial	432299AP0	5.25%		1,002,581.25		3,062,581.25		45,000,000	66.37%
04/01/2031							948,506.25		948,506.25	4,011,087.50	45,000,000	66.37%
10/01/2031		2,165,000	Serial	432299AQ8	4.00%		948,506.25		3,113,506.25		42,835,000	63.18%
04/01/2032							905,206.25		905,206.25	4,018,712.50	42,835,000	63.18%
10/01/2032		2,255,000	Serial	432299AR6	5.00%		905,206.25		3,160,206.25		40,580,000	59.85%
04/01/2033							848,831.25		848,831.25	4,009,037.50	40,580,000	59.85%
10/01/2033		2,365,000	Serial	432299AS4	4.00%		848,831.25		3,213,831.25		38,215,000	56.36%
04/01/2034							801,531.25		801,531.25	4,015,362.50	38,215,000	56.36%
10/01/2034		2,460,000	Term (1) (A)	432299AV7	5.00%		801,531.25		3,261,531.25		35,755,000	52.74%
04/01/2035							740,031.25		740,031.25	4,001,562.50	35,755,000	52.74%
10/01/2035		2,585,000	Term (1) (A)	432299AV7	5.00%		740,031.25		3,325,031.25		33,170,000	48.92%
04/01/2036							675,406.25		675,406.25	4,000,437.50	33,170,000	48.92%
10/01/2036		2,715,000	Term (1) (A)	432299AV7	5.00%		675,406.25		3,390,406.25		30,455,000	44.92%
04/01/2037							607,531.25		607,531.25	3,997,937.50	30,455,000	44.92%
10/01/2037		2,850,000	Term (1) (A)	432299AV7	5.00%		607,531.25		3,457,531.25		27,605,000	40.72%
04/01/2038							536,281.25		536,281.25	3,993,812.50	27,605,000	40.72%
10/01/2038		2,990,000	Term (1) (A)	432299AV7	5.00%		536,281.25		3,526,281.25		24,615,000	36.31%
04/01/2039							461,531.25		461,531.25	3,987,812.50	24,615,000	36.31%
10/01/2039		3,140.000	Term (2) (B)	432299AT2	3.75%		461,531.25		3,601,531.25	, ,	21,475,000	31.67%
04/01/2040		, ,	( ) (-)				402,656.25		402,656.25	4,004,187.50	21,475,000	31.67%
10/01/2040		3,260,000	Term (2) (B)	432299AT2	3.75%		402,656.25		3,662,656.25	.,	18,215,000	26.87%
04/01/2041		-,_00,000			5.7.570		341,531.25		341,531.25	4,004,187.50	18,215,000	26.87%
10/01/2041	\$	3,380,000	Term (2) (B)	432299AT2	3.75%	\$	341,531.25	\$	3,721,531.25	.,,	\$ 14,835,000	21.88%
04/01/2042	Ŷ	2,000,000			3	Ŷ	278,156.25	Ŷ	278,156.25	3,999,687.50	14,835,000	21.88%
		3 505 000	Term (2) (B)	432299AT2	3.75%		278,156.25		3,783,156.25	3,333,007.30	11,330,000	16.71%
10/01/2042		3,303,000	· · · · · · (2) (D)		J., J/0		210,100.20		3,103,130.23		±±,550,000	TO'' T/0
10/01/2042 04/01/2043							212,437.50		212,437.50	3,995,593.75	11,330,000	16.71%

\$67,800,000 HILLSBOROUGH COUNTY, FLORIDA Communication Services Tax Revenue Bonds (PSOC) Series 2015

DATED: DELIVERED:	April 9, 2015 April 9, 2015				<u>Ratings</u> Moody's	<u>Underlying</u> Aa1	Insured * A2
Initial Call Date	/ Price:	10/01/2026	100%	100%	S&P	AA	AA
True Interest Co	ost (TIC):	3.6818580%			Fitch	AA+	N/A
Arbitrage Yield	:	3.4630810%			* Insurer: Assured	d Guaranty Municipa	al Corp.

### PURPOSE

To fund the Series 2015 Project, which generally consists of the acquisition, construction and equipping of a new Public Safety Operations Complex (PSOC), new Sheriff's facilities, improvements to various fire stations, and new fire stations and various parks, recreation and other public facilities improvements.

SECURITY Local Communications Services Tax Revenues pursuant to the Florida Statutes.

							County's		
Coupon		Bond		Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP#	Rate	Interest	Debt Service	Debt Service **	Debt	Outstanding
10/01/2043	3,640,000	Term (2) (B)	432299AT2	3.75%	212,437.50	3,852,437.50		7,690,000	11.34%
04/01/2044					144,187.50	144,187.50	3,996,625.00	7,690,000	11.34%
10/01/2044	3,775,000	Term (2) (B)	432299AT2	3.75%	144,187.50	3,919,187.50		3,915,000	5.77%
04/01/2045					73,406.25	73,406.25	3,992,593.75	3,915,000	5.77%
10/01/2045	3,915,000	Term (2) (B)	432299AT2	3.75%	73,406.25	3,988,406.25		-	0.00%
04/01/2046							3,988,406.25		
	\$ 65,525,000				\$ 46,839,725.00	\$ 112,364,725.00	\$ 112,364,725.00		

#### \*\* Modified Accrual Basis

(A) 10/1/2038 \$ 13,600,000 Term Bond 1 432299AV7

(B) 10/1/2045 11,140,000 Term Bond 2 432299AT2

\$19,756,000 HILLSBOROUGH COUNTY, FLORIDA Court Facilities Refunding Revenue Note Series 2015

DATED:November 5, 2015DELIVERED:November 5, 2015Initial Call Date / Price:Not CallableTrue Interest Cost (TIC):2.284154%Arbitrage Yield:2.284154%

RatingsUnderlyingInsured \*Moody'sS&PFitch\* Insurer: Ambac Assurance Corporation

### PURPOSE

To refund the Court Facilities Series 2005 Bonds, which were issued to refund the Court Facilities Series 1999 Bonds, which were issued to finance capital improvements to the court system facilities of the County and to refund the Courthouse Annex Note and the 700 Twiggs Street Commercial Paper Loan.

### SECURITY

Covenant to budget and appropriate from legally available Non-Ad Valorem revenues. (Traffic Surcharge revenues are the source of payment for debt service.)

Coupon	Principal	Bond	Coupon		Interest	Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	Rate		Interest	Debt Service	Debt Service**	Debt	Outstanding
11/01/2018	\$ 1,678,000		2.24%	\$	185,102.40	\$ 1,863,102.40		\$ 14,849,000	75.16%
05/01/2019					166,308.80	166,308.80	2,029,411.20	14,849,000	75.16%
11/01/2019	1,716,000		2.24%		166,308.80	1,882,308.80		13,133,000	66.48%
05/01/2020					147,089.60	147,089.60	2,029,398.40	13,133,000	66.48%
11/01/2020	1,754,000		2.24%		147,089.60	1,901,089.60		11,379,000	57.60%
05/01/2021					127,444.80	127,444.80	2,028,534.40	11,379,000	57.60%
11/01/2021	1,793,000		2.24%		127,444.80	1,920,444.80		9,586,000	48.52%
05/01/2022					107,363.20	107,363.20	2,027,808.00	9,586,000	48.52%
11/01/2022	1,833,000		2.24%		107,363.20	1,940,363.20		7,753,000	39.24%
05/01/2023					86,833.60	86,833.60	2,027,196.80	7,753,000	39.24%
11/01/2023	1,875,000		2.24%		86,833.60	1,961,833.60		5,878,000	29.75%
05/01/2024					65,833.60	65,833.60	2,027,667.20	5,878,000	29.75%
11/01/2024	1,916,000		2.24%		65,833.60	1,981,833.60		3,962,000	20.05%
05/01/2025					44,374.40	44,374.40	2,026,208.00	3,962,000	20.05%
11/01/2025	1,959,000		2.24%		44,374.40	2,003,374.40		2,003,000	10.14%
05/01/2026			-		22,433.60	22,433.60	2,025,808.00	2,003,000	10.14%
11/01/2026	2,003,000		2.24%		22,433.60	2,025,433.60		-	0.00%
05/01/2027					-	-	2,025,433.60	-	0.00%
	\$ 16,527,000			Ś	1,720,465.60	\$ 18,247,465.60	\$ 18,247,465.60		

\$18,185,000

HILLSBOROUGH COUNTY, FLORIDA

Capital Improvement Program Refunding Revenue Bonds

Series 2016

DATED: DELIVERED:	July 14, 2016 July 14, 2016		<u>Ratings</u> Moody's	Underlying Aa2	Insured *
Initial Call Date	/ Price:	Not Callable	S&P	AA+	
True Interest Co Arbitrage Yield:		4.280156% 4.160435%	Fitch	AA+	

### PURPOSE

To refund the Capital Improvement Program Refunding Revenue Bonds, Series 2006.

# **SECURITY**

Local Government Half-Cent Sales Tax. (The 4<sup>th</sup> Cent Tourist Development Tax and Half-Cent Sales Tax are the repayment source for debt service on the Bonds).

Coupon		Bond		Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Debt Service**	Debt	Outstanding
02/01/2019					\$ 303,212.50	\$ 303,212.50		\$ 14,240,000	78.31%
08/01/2019	2,140,000	Serial	43232FKF2	5.000%	303,212.50	2,443,212.50	2,746,425.00	12,100,000	66.54%
02/01/2020					249,712.50	249,712.50		12,100,000	66.54%
08/01/2020	2,245,000	Serial	43232FKG0	2.50%	249,712.50	2,494,712.50	2,744,425.00	9,855,000	54.19%
02/01/2021					221,650.00	221,650.00		9,855,000	54.19%
08/01/2021	2,305,000	Serial	43232FKH8	4.00%	221,650.00	2,526,650.00	2,748,300.00	7,550,000	41.52%
02/01/2022					175,550.00	175,550.00		7,550,000	41.52%
08/01/2022	2,395,000	Serial	43232FKJ4	5.00%	175,550.00	2,570,550.00	2,746,100.00	5,155,000	28.35%
02/01/2023					115,675.00	115,675.00		5,155,000	28.35%
08/01/2023	2,515,000	Serial	43232FKK1	5.00%	115,675.00	2,630,675.00	2,746,350.00	2,640,000	14.52%
02/01/2024					52,800.00	52,800.00		2,640,000	14.52%
08/01/2024	2,640,000	Serial	43232FKL9	4.00%	52,800.00	2,692,800.00	2,745,600.00	-	0.00%
	\$ 14,240,000				\$ 2,237,200.00	\$ 16,477,200.00	\$ 16,477,200.00		

\$39,075,000

HILLSBOROUGH COUNTY, FLORIDA

Fifth Cent Tourist Development Tax Refunding Revenue Bonds

Series 2016

DATED:	October 27, 2016	5	
DELIVERED:	October 27, 2016	5	
Initial Call Date / I	Price:	10/27/2026	100%
True Interest Cost	: (TIC):	3.051275%	
Arbitrage Yield:		2.860211%	

Ratings	Underlying	Insured *
Moody's	A2	A2
S&P	A+	AA
Fitch	AA-	AA+
* Insurer: AGM Ass	ured Guaranty Municipa	ıl

### PURPOSE

To refund the 2006A Fifth Cent Tourist Development Tax Refunding Revenue Bonds (Ice Palace Project) and redeem outstanding Commercial Paper related to Amalie Arena, formerly known as the Tampa Bay Times Forum, St Pete Times Forum and as the Ice Palace. SECURITY

The County's Fifth Cent Tourist Development Tax ("5th Cent TDT").

Coupon		Bond		Coupon			Periodic	Fiscal Year	C	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	1	Debt Service	Debt Service**		Debt	Outstanding
10/01/2018	\$ 785,000	Serial	43232ABB2	5.00%	\$ 657,284.38	\$	1,442,284.38		\$	37,595,000	96.21%
04/01/2019					637,659.38		637,659.38	2,079,943.76		37,595,000	96.21%
10/01/2019	825,000	Serial	43232ABC0	5.00%	637,659.38		1,462,659.38			36,770,000	94.10%
04/01/2020					617,034.38		617,034.38	2,079,693.76		36,770,000	94.10%
10/01/2020	865,000	Serial	43232ABD8	5.00%	617,034.38		1,482,034.38			35,905,000	91.89%
04/01/2021					595,409.38		595,409.38	2,077,443.76		35,905,000	91.89%
10/01/2021	910,000	Serial	43232ABE6	5.00%	595,409.38		1,505,409.38			34,995,000	89.56%
04/01/2022					572,659.38		572,659.38	2,078,068.76		34,995,000	89.56%
10/01/2022	955,000	Serial	43232ABF3	5.00%	572,659.38		1,527,659.38			34,040,000	87.11%
04/01/2023					548,784.38		548,784.38	2,076,443.76		34,040,000	87.11%
10/01/2023	1,000,000	Serial	43232ABG1	5.00%	548,784.38		1,548,784.38			33,040,000	84.56%
04/01/2024					523,784.38		523,784.38	2,072,568.76		33,040,000	84.56%
10/01/2024	1,050,000	Serial	43232ABH9	5.00%	523,784.38		1,573,784.38			31,990,000	81.87%
04/01/2025					497,534.38		497,534.38	2,071,318.76		31,990,000	81.87%
10/01/2025	1,105,000	Serial	43232ABJ5	5.00%	497,534.38		1,602,534.38			30,885,000	79.04%
04/01/2026					469,909.38		469,909.38	2,072,443.76		30,885,000	79.04%
10/01/2026	1,160,000	Serial	43232ABK2	5.00%	469,909.38		1,629,909.38	,- ,		29,725,000	76.07%
04/01/2027	,,				440,909.38		440,909.38	2,070,818.76		29,725,000	76.07%
10/01/2027	1,215,000	Serial	43232ABL0	5.00%	440,909.38		1,655,909.38	_,		28,510,000	72.96%
04/01/2028	1)210,000	bernar	10202,1020	510070	410,534.38		410,534.38	2,066,443.76		28,510,000	72.96%
10/01/2028	1,280,000	Serial	43232ABM8	2.13%	410,534.38		1,690,534.38	2,000,110170		27,230,000	69.69%
04/01/2029	1,200,000	Schul	45252701010	2.13/0	396,934.38		396,934.38	2,087,468.76		27,230,000	69.69%
10/01/2029	1,305,000	Serial	43232ABN6	2.25%	396,934.38		1,701,934.38	2,007,1007,0		25,925,000	66.35%
04/01/2030	1,505,000	Schul	-15252/10110	2.2370	382,253.13		382,253.13	2,084,187.51		25,925,000	66.35%
10/01/2030	1,335,000	Serial	43232ABP1	2.38%	382,253.13		1,717,253.13	2,004,107.51		24,590,000	62.93%
04/01/2031	1,555,000	Schar	452528011	2.50%	366,400.00		366,400.00	2,083,653.13		24,590,000	62.93%
10/01/2031	1,365,000	Serial	43232ABQ9	2.50%	366,400.00		1,731,400.00	2,005,055.15		23,225,000	59.44%
04/01/2031	1,505,000	Serial	43232ADQ3	2.30%	349,337.50		349,337.50	2,080,737.50		23,225,000	59.44%
10/01/2032	1,400,000	Serial	43232ABR7	2.63%	349,337.50		1,749,337.50	2,080,737.30		23,223,000	55.85%
04/01/2032	1,400,000	Serial	45252ADK7	2.03/0	330,962.50		330,962.50	2,080,300.00		21,825,000	55.85%
	1 440 000	Sorial	422224055	2 759/			-	2,080,500.00			
10/01/2033	1,440,000	Serial	43232ABS5	2.75%	330,962.50		1,770,962.50	2 082 125 00		20,385,000	52.17%
04/01/2034	1 475 000	Coriol	422224072	2.00%	311,162.50		311,162.50	2,082,125.00		20,385,000	52.17%
10/01/2034	1,475,000	Serial	43232ABT3	3.00%	311,162.50		1,786,162.50	2 075 200 00		18,910,000	48.39%
04/01/2035	1 520 000	Coriol	422224010	2.00%	289,037.50		289,037.50	2,075,200.00		18,910,000	48.39%
10/01/2035	1,520,000	Serial	43232ABU0	3.00%	289,037.50		1,809,037.50	2 075 275 00		17,390,000	44.50%
04/01/2036	4 255 000	Carrial	422224.0.10	2.000/	266,237.50		266,237.50	2,075,275.00		17,390,000	44.50%
10/01/2036	1,355,000	Serial	43232ABV8	3.00%	266,237.50		1,621,237.50	4 967 459 99		16,035,000	41.04%
04/01/2037	4 205 000	<b>c</b> · · ·	40000 4004/6	2 000/	245,912.50		245,912.50	1,867,150.00		16,035,000	41.04%
10/01/2037	1,395,000	Serial	43232ABW6	3.00%	245,912.50		1,640,912.50	4 965 999 99		14,640,000	37.47%
04/01/2038					224,987.50		224,987.50	1,865,900.00		14,640,000	37.47%
10/01/2038	1,440,000	Serial	43232ABX4	3.00%	224,987.50		1,664,987.50			13,200,000	33.78%
04/01/2039					203,387.50		203,387.50	1,868,375.00		13,200,000	33.78%
10/01/2039	1,480,000	Serial	43232ABY2	3.00%	203,387.50		1,683,387.50			11,720,000	29.99%
04/01/2040					181,187.50		181,187.50	1,864,575.00		11,720,000	29.99%
10/01/2040	1,525,000	Term 1 (A)	43232ABZ9	3.00%	181,187.50		1,706,187.50			10,195,000	26.09%
04/01/2041					158,312.50		158,312.50	1,864,500.00		10,195,000	26.09%
10/01/2041	1,575,000	Term 1 (A)	43232ABZ9	3.00%	158,312.50		1,733,312.50			8,620,000	22.06%
04/01/2042	\$-				\$ 134,687.50	\$	134,687.50	\$ 1,868,000.00	\$	8,620,000	22.06%
10/01/2042	1,620,000	Term 2 (B)	43232ACA3	3.13%	134,687.50		1,754,687.50			7,000,000	17.91%
04/01/2043					109,375.00		109,375.00	1,864,062.50		7,000,000	17.91%
10/01/2043	1,670,000	Term 2 (B)	43232ACA3	3.13%	109,375.00		1,779,375.00			5,330,000	13.64%

\$39,075,000

HILLSBOROUGH COUNTY, FLORIDA

Fifth Cent Tourist Development Tax Refunding Revenue Bonds

Series 2016

DATED:	October 27	, 2016	Ratings	Underlying	Insured *
DELIVERED:	October 27	, 2016	Moody's	A2	A2
Initial Call Date /	Price:	10/27/2026 100%	S&P	A+	AA
True Interest Cos	st (TIC):	3.051275%	Fitch	AA-	AA+
Arbitrage Yield:		2.860211%	* Insurer: AGM Assur	ed Guaranty Municipa	al

### PURPOSE

To refund the 2006A Fifth Cent Tourist Development Tax Refunding Revenue Bonds (Ice Palace Project) and redeem outstanding Commercial Paper related to Amalie Arena, formerly known as the Tampa Bay Times Forum, St Pete Times Forum and as the Ice Palace. SECURITY

The County's Fifth Cent Tourist Development Tax ("5th Cent TDT").

Coupon		Bond		Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Debt Service**	Debt	Outstanding
04/01/2044					83,281.25	83,281.25	1,862,656.25	5,330,000	13.64%
10/01/2044	1,725,000	Term 2 (B)	43232ACA3	3.13%	83,281.25	1,808,281.25		3,605,000	9.23%
04/01/2045					56,328.13	56,328.13	1,864,609.38	3,605,000	9.23%
10/01/2045	1,775,000	Term 2 (B)	43232ACA3	3.13%	56,328.13	1,831,328.13		1,830,000	4.68%
04/01/2046					28,593.75	28,593.75	1,859,921.88	1,830,000	4.68%
10/01/2046	1,830,000	Term 2 (B)	43232ACA3	3.13%	28,593.75	1,858,593.75		-	0.00%
04/01/2047					-	-	1,858,593.75	-	0.00%
	\$ 38,380,000				\$ 19,522,478.26	\$ 57,902,478.26	57,902,478.26		

\*\* Modified Accrual Basis

(A) 10/01/2041 \$ 3,100,000 Term Bond 1, CUSIP number 43232ABZ9

(B) 10/01/2039 8,620,000 Term Bond 2, CUSIP number 43232ACA3

#### \$12,875,000

HILLSBOROUGH COUNTY, FLORIDA

Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds

Series 2017A

DATED: DELIVERED:	February 16 February 16			<u>Ratings</u> Moody's	Underlying	Insured * N/R
Initial Call Date /	Price:	10/01/2027	100%	S&P	A+	N/R
True Interest Cos	st (TIC):	3.1324780%		Fitch	AA-	N/R
Arbitrage Yield:		2.9964650%				

### PURPOSE

To refund the County's outstanding Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds, Series 2006, which were issued to refund Tampa Sports Authority Tourist Development Tax Revenue Bonds (Stadium Project), Series 1997B, which in turn were issued to fund the acquisition and/or construction of various capital improvements to the County-owned Steinbrenner Field (fka Legends Field) baseball stadium, and the City-owned Tampa Convention Center.

SECURITY

The County's Fourth Cent Tourist Development Tax ("4th Cent TDT").

Coupon			Bond		Coupon				Periodic		Fiscal Year	Outstanding	Percent
Date		rincipal	Туре	CUSIP #	Rate		Interest	b	Debt Service	D	ebt Service**	Debt	Outstanding
10/01/2018	\$	595,000	Serial	43232BBX2	5.00%	\$	245,540.63		\$ 840,540.63			\$ 11,705,000	90.91%
04/01/2019							230,665.63		230,665.63		1,071,206.26	11,705,000	90.91%
10/01/2019		620,000	Serial	43232BBY0	5.00%		230,665.63		850,665.63			11,085,000	86.10%
04/01/2020							215,165.63		215,165.63		1,065,831.26	11,085,000	86.10%
10/01/2020		650,000	Serial	43232BBZ7	5.00%		215,165.63		865,165.63			10,435,000	81.05%
04/01/2021							198,915.63		198,915.63		1,064,081.26	10,435,000	81.05%
10/01/2021		685,000	Serial	43232BCA1	5.00%		198,915.63		883,915.63			9,750,000	75.73%
04/01/2022							181,790.63		181,790.63		1,065,706.26	9,750,000	75.73%
10/01/2022		720,000	Serial	43232BCB9	3.00%		181,790.63		901,790.63			9,030,000	70.14%
04/01/2023							170,990.63		170,990.63		1,072,781.26	9,030,000	70.14%
10/01/2023		740,000	Serial	43232BCC7	3.00%		170,990.63		910,990.63			8,290,000	64.39%
04/01/2024							159,890.63		159,890.63		1,070,881.26	8,290,000	64.39%
10/01/2024		765,000	Serial	43232BCD5	5.00%		159,890.63		924,890.63			7,525,000	58.45%
04/01/2025							140,765.63		140,765.63		1,065,656.26	7,525,000	58.45%
10/01/2025		800,000	Serial	43232BCE3	5.00%		140,765.63		940,765.63			6,725,000	52.23%
04/01/2026							120,765.63		120,765.63		1,061,531.26	6,725,000	52.23%
10/01/2026		825,000	Serial	43232BCF0	5.00%		120,765.63		945,765.63			5,900,000	45.83%
04/01/2027							100,140.63		100,140.63		1,045,906.26	5,900,000	45.83%
10/01/2027		570,000	Serial	43232BCG8	3.00%		100,140.63		670,140.63			5,330,000	41.40%
04/01/2028							91,590.63		91,590.63		761,731.26	5,330,000	41.40%
10/01/2028		585,000	Serial	43232BCH6	5.00%		91,590.63		676,590.63			4,745,000	36.85%
04/01/2029							76,965.63		76,965.63		753,556.26	4,745,000	36.85%
10/01/2029		615,000	Serial	43232BCJ2	3.00%		76,965.63		691,965.63			4,130,000	32.08%
04/01/2030							67,740.63		67,740.63		759,706.26	4,130,000	32.08%
10/01/2030		635,000	Serial	43232BCK9	3.00%		67,740.63		702,740.63			3,495,000	27.15%
04/01/2031							58,215.63		58,215.63		760,956.26	3,495,000	27.15%
10/01/2031		655,000	Serial	43232BCL7	3.13%		58,215.63		713,215.63			2,840,000	22.06%
04/01/2032							47,981.25		47,981.25		761,196.88	2,840,000	22.06%
10/01/2032		675,000	Serial	43232BCM5	3.25%		47,981.25		722,981.25			2,165,000	16.82%
04/01/2033							37,012.50		37,012.50		759,993.75	2,165,000	16.82%
10/01/2033		700,000	Serial	43232BCN3	3.25%		37,012.50		737,012.50			1,465,000	11.38%
04/01/2034							25,637.50		25,637.50		762,650.00	1,465,000	11.38%
10/01/2034		720,000	Serial	43232BCP8	3.50%		25,637.50		745,637.50			745,000	5.79%
04/01/2035		-					13,037.50		13,037.50	\$	758,675.00	745,000	5.79%
10/01/2035		745,000	Serial	43232BCQ6	3.50%		13,037.50		758,037.50			-	0.00%
04/01/2036							,		,	\$	758,037.50	-	0.00%
	\$ 1	2,300,000				Ś	4,120,084.51		\$ 16,420,084.51	Ś	16,420,084.51		

\$22,020,000

HILLSBOROUGH COUNTY, FLORIDA

Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds

Series 2017B

DATED: DELIVERED:	February 16 February 16	•		<u>Ratings</u> Moody's	Underlying	Insured * N/R
Initial Call Date /	/ Price:	10/01/2027	100%	S&P	A+	N/R
True Interest Co Arbitrage Yield:	. ,	4.2145810% 2.9964650%		Fitch	AA-	N/R

# PURPOSE

To fund certain cost reimbursements for various improvements to George M. Steinbrenner Field (fka Legends Field), a professional spring training baseball facility. <u>SECURITY</u> The County's Fourth Cent Tourist Development Tax ("4th Cent TDT").

Coupon Date	Principa	Bond	CUSIP #	Coupon Rate		Interest		Periodic Debt Service	Fiscal Year Debt Service**	Outstanding Debt	Percent Outstanding
10/01/2018		<i>,</i> ,	43232BBD6	1.150%	\$	Interest 426,268.75	\$	801,268.75	Debt Service**	\$ 21,220,000	96.37%
	\$ 375,0	00 Serial	432320000	1.150%	Ş	-	Ş	-	1 225 201 25		
04/01/2019	200.0	00 Corial	422220054	1 75.00/		424,112.50		424,112.50	1,225,381.25	21,220,000	96.37% 94.64%
10/01/2019	380,0	00 Serial	43232BBE4	1.750%		424,112.50		804,112.50	1 224 000 00	20,840,000	
04/01/2020	205.0		100000051	2 4500/		420,787.50		420,787.50	1,224,900.00	20,840,000	94.64%
10/01/2020	395,0	00 Serial	43232BBF1	2.150%		420,787.50		815,787.50	1 222 222 75	20,445,000	92.85%
04/01/2021	200		422222222	2 5000/		416,541.25		416,541.25	1,232,328.75	20,445,000	92.85%
10/01/2021	390,0	00 Serial	43232BBG9	2.500%		416,541.25		806,541.25	4 240 207 50	20,055,000	91.08%
04/01/2022	105.0	00 6	4222200117	2 0000/		411,666.25		411,666.25	1,218,207.50	20,055,000	91.08%
10/01/2022	405,0	00 Serial	43232BBH7	2.800%		411,666.25		816,666.25	4 222 662 50	19,650,000	89.24%
04/01/2023			42222000	2 0500/		405,996.25		405,996.25	1,222,662.50	19,650,000	89.24%
10/01/2023	415,0	00 Serial	43232BBJ3	3.050%		405,996.25		820,996.25		19,235,000	87.35%
04/01/2024						399,667.50		399,667.50	1,220,663.75	19,235,000	87.35%
10/01/2024	435,0	00 Serial	43232BBK0	3.250%		399,667.50		834,667.50		18,800,000	85.38%
04/01/2025						392,598.75		392,598.75	1,227,266.25	18,800,000	85.38%
10/01/2025	445,0	00 Serial	43232BBL8	3.450%		392,598.75		837,598.75		18,355,000	83.36%
04/01/2026						384,922.50		384,922.50	1,222,521.25	18,355,000	83.36%
10/01/2026	475,0	00 Serial	43232BBM6	3.600%		384,922.50		859,922.50		17,880,000	81.20%
04/01/2027						376,372.50		376,372.50	1,236,295.00	17,880,000	81.20%
10/01/2027	815,0	00 Serial	43232BBN4	3.700%		376,372.50		1,191,372.50		17,065,000	77.50%
04/01/2028						361,295.00		361,295.00	1,552,667.50	17,065,000	77.50%
10/01/2028	845,0	00 Serial	43232BBP9	3.800%		361,295.00		1,206,295.00		16,220,000	73.66%
04/01/2029						345,240.00		345,240.00	1,551,535.00	16,220,000	73.66%
10/01/2029	880,0	00 Serial	43232BBQ7	3.900%		345,240.00		1,225,240.00		15,340,000	69.66%
04/01/2030						328,080.00		328,080.00	1,553,320.00	15,340,000	69.66%
10/01/2030	915,0	00 Serial	43232BBR5	4.000%		328,080.00		1,243,080.00		14,425,000	65.51%
04/01/2031						309,780.00		309,780.00	1,552,860.00	14,425,000	65.51%
10/01/2031	950,0	00 Serial	43232BBS3	4.050%		309,780.00		1,259,780.00		13,475,000	61.19%
04/01/2032						290,542.50		290,542.50	1,550,322.50	13,475,000	61.19%
10/01/2032	985,0	00 Serial	43232BBT1	4.100%		290,542.50		1,275,542.50		12,490,000	56.72%
04/01/2033						270,350.00		270,350.00	1,545,892.50	12,490,000	56.72%
10/01/2033	1,025,0	00 Term 1 (A	A) 43232BBU8	4.250%		270,350.00		1,295,350.00		11,465,000	52.07%
04/01/2034						248,568.75		248,568.75	1,543,918.75	11,465,000	52.07%
10/01/2034	1,070,0	00 Term 1 (A	A) 43232BBU8	4.250%		248,568.75		1,318,568.75		10,395,000	47.21%
04/01/2035		-				225,831.25		225,831.25	1,544,400.00	10,395,000	47.21%
10/01/2035	1,115,0	00 Term 1 (A	A) 43232BBU8	4.250%		225,831.25		1,340,831.25		9,280,000	42.14%
04/01/2036						202,137.50		202,137.50	1,542,968.75	9,280,000	42.14%
10/01/2036	675,0	00 Term 1 (A	A) 43232BBU8	4.250%		202,137.50		877,137.50		8,605,000	39.08%
04/01/2037						187,793.75		187,793.75	1,064,931.25	8,605,000	39.08%
10/01/2037	705,0	00 Term 1 (A	A) 43232BBU8	4.250%		187,793.75		892,793.75		7,900,000	35.88%
04/01/2038						172,812.50		172,812.50	1,065,606.25	7,900,000	35.88%
10/01/2038	735,0	00 Term 1 (E	3) 43232BBV6	4.375%		172,812.50		907,812.50		7,165,000	32.54%
04/01/2039						156,734.38		156,734.38	1,064,546.88	7,165,000	32.54%
10/01/2039	770,0	00 Term 1 (E	3) 43232BBV6	4.375%		156,734.38		926,734.38		6,395,000	29.04%
04/01/2040	- / -	-	,			139,890.63		139,890.63	1,066,625.01	6,395,000	29.04%
10/01/2040	800,0	00 Term 1 (E	3) 43232BBV6	4.375%		139,890.63		939,890.63	,,.	5,595,000	25.41%
04/01/2041			,			122,390.63		122,390.63	1,062,281.26	5,595,000	25.41%
10/01/2041	835,0	00 Term 1 (E	3) 43232BBV6	4.375%		122,390.63		957,390.63	,,	4,760,000	21.62%
04/01/2042	000,0		,			104,125.00		104,125.00	1,061,515.63	4,760,000	21.62%
10/01/2042	\$ 870,0	00 Term 1 (E	3) 43232BBV6	4.375%	Ś	104,125.00	\$	974,125.00	1,001,010.00	\$ 3,890,000	17.67%
04/01/2043	÷ 070,0			1.37370	Ŷ	85,093.75	Ŷ	85,093.75	1,059,218.75	3,890,000	17.67%

\$22,020,000

HILLSBOROUGH COUNTY, FLORIDA

Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds

Series 2017B

DATED: DELIVERED: Initial Call Date, True Interest Co Arbitrage Yield:		100%		<u>Ratings</u> Moody's S&P Fitch	<u>Underlying</u>  A+ AA-	<u>Insured *</u> N/R N/R N/R
	ments for various impro ssional spring training ba:	vements to George M. Steinb seball facility.	renner	SECURITY The County's Fourth Cent Tourist Dev	elopment Tax ("4t	h Cent TDT").

Coupon		Bond		Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Debt Service**	Debt	Outstanding
04/01/2044					65,187.50	65,187.50	1,060,281.25	2,980,000	13.53%
10/01/2044	950,000	Term 1 (B)	43232BBV6	4.375%	65,187.50	1,015,187.50		2,030,000	9.22%
04/01/2045					44,406.25	44,406.25	1,059,593.75	2,030,000	9.22%
10/01/2045	995,000	Term 1 (B)	43232BBV6	4.375%	44,406.25	1,039,406.25		1,035,000	4.70%
04/01/2046					22,640.63	22,640.63	1,062,046.88	1,035,000	4.70%
10/01/2046	1,035,000	Term 1 (B)	43232BBV6	4.375%	22,640.63	1,057,640.63		-	0.00%
04/01/2047							1,057,640.63	-	0.00%
	\$ 21,595,000				\$ 15,057,398.79	\$ 36,652,398.79	\$ 36,652,398.79		

10/01/2037	4,590,000	Term 1 (A)
10/01/2046	7,900,000	Term 1 (B)

#### \$11,749,000

HILLSBOROUGH COUNTY, FLORIDA Capital Improvement Non-Ad Valorem Refunding Revenue Note Warehouse and Sheriff's Facilities Projects Series 2017

DATED:	September 26, 2017	<u>Ratings</u>	Underlying	Insured *
DELIVERED:	September 26, 2017	Moody's	N/R	N/R
Initial Call Date /	Price: N/A	S&P	N/R	N/R
True Interest Cos	t (TIC): 2.300277%	Fitch	N/R	N/R
Arbitrage Yield:	2.300277%	* Insurer:	: MBIA Insurance Corporat	ion (MBIA)

#### PURPOSE

To refund the County's Capital Improvement Non-Ad Valorem Revenue Bonds, Series 2008, which in turn were issued to refund the County's Capital Improvement Non-Ad Valorem Revenue Bonds, Series 1998 which were issued to 1) fund the acquisition and construction of a combined warehouse and operations center for various County agencies and two regional substations for the County sheriff's department, and 2) redeem an outstanding note to the Florida Local Government Finance Commission.

### SECURITY

Covenant to budget and appropriate legally available county non-ad valorem revenues.

Coupon		Bond	Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	Rate	Interest	Debt Service	Debt Service**	Debt	Outstanding
01/01/2019	\$ -		1	\$ 135,114	\$ 135,113.50		\$ 11,749,000	100.00%
07/01/2019	1,061,000		2.300%	135,113.50	1,196,113.50	1,331,227.00	10,688,000	90.97%
01/01/2020				122,912.00	122,912.00		10,688,000	90.97%
07/01/2020	1,083,000		2.300%	122,912.00	1,205,912.00	1,328,824.00	9,605,000	81.75%
01/01/2021				110,457.50	110,457.50		9,605,000	81.75%
07/01/2021	1,108,000		2.300%	110,457.50	1,218,457.50	1,328,915.00	8,497,000	72.32%
01/01/2022				97,715.50	97,715.50		8,497,000	72.32%
07/01/2022	1,132,000		2.300%	97,715.50	1,229,715.50	1,327,431.00	7,365,000	62.69%
01/01/2023				84,697.50	84,697.50		7,365,000	62.69%
07/01/2023	1,158,000		2.300%	84,697.50	1,242,697.50	1,327,395.00	6,207,000	52.83%
01/01/2024				71,380.50	71,380.50		6,207,000	52.83%
07/01/2024	1,186,000		2.300%	71,380.50	1,257,380.50	1,328,761.00	5,021,000	42.74%
01/01/2025				57,741.50	57,741.50		5,021,000	42.74%
07/01/2025	1,213,000		2.300%	57,741.50	1,270,741.50	1,328,483.00	3,808,000	32.41%
01/01/2026				43,792.00	43,792.00		3,808,000	32.41%
07/01/2026	1,242,000		2.300%	43,792.00	1,285,792.00	1,329,584.00	2,566,000	21.84%
01/01/2027				29,509.00	29,509.00		2,566,000	21.84%
07/01/2027	1,268,000		2.300%	29,509.00	1,297,509.00	1,327,018.00	1,298,000	11.05%
01/01/2028				14,927.00	14,927.00		1,298,000	11.05%
07/01/2028	1,298,000		2.300%	14,927.00	1,312,927.00	1,327,854.00	0	0.00%
	\$ 11,749,000			\$ 1,536,492.00	\$ 13,285,492.00	\$ 13,285,492.00		

\$27,216,000 HILLSBOROUGH COUNTY, FLORIDA Capital Improvement Program Revenue Note Series 2017

DATED: December 2 DELIVERED: December 2	•	<u>Ratings</u> Moody's	<u>Underlying</u> Aa2	<u>Insured</u> None
Initial Call Date / Price:	100%	S&P	AA+	None
True Interest Cost (TIC): Arbitrage Yield:	2.400198% 2.400198%	Fitch	AA+	None

#### PURPOSE

To partially refund the outstanding Capital Improvement Revenue Bonds, Series 2012, which were issued To provide funds to pay costs of the acquisition and construction of various capital projects including, but not limited to, County government facilities, recreational park improvements, stormwater utility improvements, and various transportation-related capital improvements, and to refinance certain outstanding commercial paper notes.

### SECURITY

Local Government Half-Cent Sales Tax. On parity with the Capital Improvement Program Refunding Revenue Bonds, Series 2012 and Series 2016.

Coupon		Bond	<b>Coupon</b> C	oupon Interest			Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	Rate	(6 mos)	Interest	Ľ	ebt Service	Debt Service**	Debt	Outstanding
02/01/2019	\$ -			-	\$ 323,412.00	\$	323,412.00		\$ 26,951,000	99.03%
08/01/2019	440,000		2.400%	5,280.00	323,412.00		763,412.00	1,086,824.00	26,511,000	97.41%
02/01/2020				-	318,132.00		318,132.00		26,511,000	97.41%
08/01/2020	450,000		2.400%	5,400.00	318,132.00		768,132.00	1,086,264.00	26,061,000	95.76%
02/01/2021				-	312,732.00		312,732.00		26,061,000	95.76%
08/01/2021	461,000		2.400%	5,532.00	312,732.00		773,732.00	1,086,464.00	25,600,000	94.06%
02/01/2022				-	307,200.00		307,200.00		25,600,000	94.06%
08/01/2022	472,000		2.400%	5,664.00	307,200.00		779,200.00	1,086,400.00	25,128,000	92.33%
02/01/2023				-	301,536.00		301,536.00		25,128,000	92.33%
08/01/2023	6,059,000		2.400%	72,708.00	301,536.00		6,360,536.00	6,662,072.00	19,069,000	70.07%
02/01/2024				-	228,828.00		228,828.00		19,069,000	70.07%
08/01/2024	6,205,000		2.400%	74,460.00	228,828.00		6,433,828.00	6,662,656.00	12,864,000	47.27%
02/01/2025				-	154,368.00		154,368.00		12,864,000	47.27%
08/01/2025	6,357,000		2.400%	76,284.00	154,368.00		6,511,368.00	6,665,736.00	6,507,000	23.91%
02/01/2026				-	78,084.00		78,084.00		6,507,000	23.91%
08/01/2026	6,507,000		2.400%	78,084.00	78,084.00		6,585,084.00	6,663,168.00	-	0.00%
	\$ 26,951,000				\$ 4,048,584.00	\$ 3	80,999,584.00	\$ 30,999,584.00		

\$61,135,000

HILLSBOROUGH COUNTY, FLORIDA

**Community Investment Tax Refunding Revenue Bonds** 

Series 2018

DATED: DELIVERED:	July 24, 2018 July 24, 2018		Ratings <u>Underlyi</u> Moody's	ng Insured * None
Initial Call Date	/ Price:	Not Callable	S&P	None
True Interest C	ost (TIC):	2.643778%	Fitch	None
Arbitrage Yield	:	2.574698%		

# PURPOSE

To refund certain outstanding commercial paper notes and financing the design, engineering, acquistion, construction and reconstruction of certain transportation and other capital improvements in the County.

### SECURITY

The Community Investment Tax Revenues. The lien and pledge on the CIT Revenues is on a parity with the outstanding Community Investment Tax Revenue Bonds, Series 2007, Series 2012A, Series 2012B, and Court Facilities Refunding Revenue Note, Series 2015.

							County's		
Coupon		Bond		Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Debt Service**	Debt	Outstanding
11/01/2018	\$-				\$ 810,744.86	\$ 810,744.86		\$ 61,135,000	100.00%
05/01/2019					1,504,475.00	1,504,475.00	2,315,219.86	61,135,000	100.00%
11/01/2019	3,865,000	Serial	43231YGD2	5.00%	1,504,475.00	5,369,475.00		57,270,000	93.68%
05/01/2020					1,407,850.00	1,407,850.00	6,777,325.00	57,270,000	93.68%
11/01/2020	4,085,000	Serial	43231YGE0	5.00%	1,407,850.00	5,492,850.00		53,185,000	87.00%
05/01/2021					1,305,725.00	1,305,725.00	6,798,575.00	53,185,000	87.00%
11/01/2021	4,305,000	Serial	43231YGF7	5.00%	1,305,725.00	5,610,725.00		48,880,000	79.95%
05/01/2022					1,198,100.00	1,198,100.00	6,808,825.00	48,880,000	79.95%
11/01/2022	4,485,000	Serial	43231YGG5	5.00%	1,198,100.00	5,683,100.00		44,395,000	72.62%
05/01/2023					1,085,975.00	1,085,975.00	6,769,075.00	44,395,000	72.62%
11/01/2023	4,780,000	Serial	43231YGH3	4.00%	1,085,975.00	5,865,975.00		39,615,000	64.80%
05/01/2024					990,375.00	990,375.00	6,856,350.00	39,615,000	64.80%
11/01/2024	5,055,000	Serial	43231YGJ9	5.00%	990,375.00	6,045,375.00		34,560,000	56.53%
05/01/2025					864,000.00	864,000.00	6,909,375.00	34,560,000	56.53%
11/01/2025	6,560,000	Serial	43231YGK6	5.00%	864,000.00	7,424,000.00		28,000,000	45.80%
05/01/2026					700,000.00	700,000.00	8,124,000.00	28,000,000	45.80%
11/01/2026	28,000,000	Serial	43231YGL4	5.00%	700,000.00	28,700,000.00		-	0.00%
05/01/2027							28,700,000.00	-	
	\$ 61,135,000				\$ 18,923,745	\$ 80,058,745	\$ 80,058,745		

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6. Revenue Bonds: Enterprise Funds

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# WATER AND WASTEWATER

The County's water/wastewater bonds are secured solely by a pledge of the revenues of the water/ wastewater utility system (the "Utility System"). Utility System debt outstanding as of September 30, 2018 was \$342,565,000.

On July 21, 2016 the County issued its **Series 2016 Utility Revenue Bonds**, issued in the amount of \$207,795,000, and funded the cost of design and acquisition of various capital improvements to the County's water and waste water utility system. At September 30, 2018, the outstanding balance of the Series 2016 bonds was \$207,795,000.

The \$18,035,000 Series 2010A Utility Revenue Bonds (Tax Exempt)<sup>3</sup>, the \$110,265,000 Series 2010B Utility Revenue Bonds (Federally Taxable Build America Bonds – Direct Payment)<sup>4</sup>, and the \$21,700,000 Series 2010C Utility Revenue Bonds (Federally Taxable Recovery Zone Economic Development Bonds – Direct Payment)<sup>5</sup> were issued in order to fund \$131 million of the Utility System's \$484 million capital improvement program. At September 30, 2018, the outstanding balance on the Series 2010 bonds was \$134,770,000.

# WATER AUTHORITY

In September 1998, a new regional water authority was created. This authority, Tampa Bay Water (TBW), replaced the West Coast Regional Water Supply Authority ("WCRWSA") and issued \$372.25 million in bonds to retire the debt of the WCRWSA. In October 1999, TBW issued an additional \$372,761,143 of Utility System Revenue Bonds to construct new water supply projects. On August 1, 2001, TBW issued its Series 2001A Bonds in the amount of \$309,370,000 to advance-refund a portion (\$287,900,000) of its Series 1999 Bonds. On October 1, 2001, TBW issued its Series 2001B Bonds in the amount of \$238,230,000 to construct new water supply projects. On May 15, 2002, TBW issued its Series 2002 Bonds in the amount of \$108.39 million to purchase a newly constructed desalination facility and to pay outstanding short-term interim loans. As of September 30, 2017, TBW has debt outstanding, including accreted interest on capital appreciation bonds, in the amount of \$1,302,741,246. The County's current proportionate obligation to TBW is treated as a current operating and maintenance expense of the County's water/wastewater system and is not reflected as general County debt.

# SOLID WASTE

Solid Waste and Resource Recovery Revenue Bonds are secured solely by a pledge of the revenues of the solid waste system. Solid waste system debt outstanding at September 30, 2018 is \$119,443,000.

The Series 2016A (AMT) Solid Waste and Resource Recovery Revenue Bonds, issued in the amount of \$89,010,000, and the Series 2016B (NON AMT) Solid Waste and Resource Recovery Revenue Bonds, issued in the amount of \$25,220,000, were issued to refund the County's outstanding Series 2006A Bonds and 2006B Bonds, respectively. The Solid Waste Resource Recovery Bonds, Series 2006A (AMT) and Series 2006B (Non-AMT) were issued to fund the costs of design, acquisitions, construction and equipping of County-owned solid waste disposal and resource recovery facilities. At September 30, 2018, the total outstanding balance on the 2016 Bonds was \$106,305,000.

The **Series 2013 (AMT) Solid Waste and Resource Recovery Bond**, issued in the amount of \$25,160,000, funded capital project costs associated with the fabrication and distribution of residential garbage and recycling roll carts to end users in conjunction with the implementation of the County's automated collection system. At September 30, 2018, the outstanding balance on the Bond was \$13,138,000.

<sup>&</sup>lt;sup>3</sup> The Series 2010A bonds are serial bonds.

<sup>&</sup>lt;sup>4</sup> The Series 2010B issuance includes serial and term bonds. The U.S. Treasury subsidizes interest on the Series 2010B Federally Taxable Build America Bonds at a rate of up to 35%.

<sup>&</sup>lt;sup>5</sup> The Series 2010C bonds are term bonds. The U.S. Treasury subsidizes interest on the Series 2010C Federally Taxable Recovery Zone Economic Development Bonds at a rate of up to 45%.

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Amount Outstanding <u>FYE 2018</u>	Dated <u>Date</u>	lssue	<u>Security</u>	Insured/ Underlying <u>Ratings</u> <sup>6</sup>	Bond <u>Insurance</u>	Final <u>Maturity</u>
Water and Wast	ewater Bonds					
\$2,805,000	11/16/2010	\$18,035,000 Utility Revenue Bonds, Series 2010A (Tax Exempt)	Utility System Net Revenues/ Available Capacity Fees	Aaa/AAA/AAA Aa1/AA+/AAA	AMBAC	08/01/19
\$110,265,000	11/16/2010	\$110,265,000 Utility Revenue Bonds, Series 2010B (Federally Taxable – Build America Bonds)	Utility System Net Revenues/ Available Capacity Fees	Aaa/AAA/AAA Aa1/AA+/AAA	AMBAC	08/01/37
\$21,700,000	11/16/2010	\$21,700,000 Utility Revenue Bonds, Series 2010C (Federally Taxable – Recovery Zone Economic Development Bonds)	Utility System Net Revenues/ Available Capacity Fees	Aaa/AAA/AAA Aa1/AA+/AAA	AMBAC	08/01/40
\$207,795,000	7/26/2016	\$207,795,000 Utility Revenue Bonds, Series 2016	Utility System Net Revenues/ Available Capacity Fees	Aa1/AA+/AAA	Not insured	08/01/46
\$342,565,000		Water and Wastewater total				
Solid Waste Reve	<u>enue Bonds</u>					
\$13,138,000	5/08/2013	\$25,160,000 Solid Waste and Resource Recovery Bonds, Series 2013 (AMT)	Net Revenues of Solid Waste & Resource Recovery System	Not Rated	Not Insured	9/01/23
\$81,085,000	11/21/2016	\$89,010,000 Solid Waste & Resource Recovery Revenue Bonds, Series 20016A (AMT)	Net Revenues of Solid Waste & Resource Recovery System	Aaa/AAA/AAA A1/A/A+	AMBAC	9/01/30
\$25,220,000	11/21/2016	\$25,220,000 Solid Waste and Resource Recovery Bonds, Series 2016B (NON-AMT)	Net Revenues of Solid Waste & Resource Recovery System	Aaa/AAA/AAA A1/A/A+	Not Insured	9/01/23
\$119,443,000		Solid Waste total				
<u>Total Water, Wa</u>	stewater and So	ilid Waste Revenue Bonds				
<u>\$462,008,000</u>		Grand Total				

<sup>\*</sup> Underlying ratings: Moody's/Standard & Poor's/Fitch Ratings

As of 9/30/2018 AGGREGATE DEBT SERVICE SCHEDULE (Excluding Commercial Paper Program)

Fiscal Year	Principal	Fiscal Year Interest*	Ľ	Total Debt Service	Federal BAB Subsidy <sup>(1)</sup>	Net Debt Service	Outstanding Debt (FYE)	Percent Outstanding
2019	\$ 10,420,000	\$ 19,208,139	\$	29,628,139	\$ (2,544,176)	\$ 27,083,963	\$ 350,363,000	71.00%
2020	15,635,000	18,812,102		34,447,102	(2,544,176)	31,902,926	339,913,000	68.88%
2021	16,102,000	18,266,905		34,368,905	(2,481,181)	31,887,724	329,251,000	66.72%
2022	16,714,000	17,588,674		34,302,674	(2,413,283)	31,889,391	318,252,000	64.49%
2023	17,347,000	16,875,089		34,222,089	(2,340,959)	31,881,130	306,905,000	62.20%
2024	15,250,000	16,128,368		31,378,368	(2,264,072)	29,114,295	297,955,000	60.38%
2025	15,910,000	15,383,058		31,293,058	(2,180,433)	29,112,625	288,665,000	58.50%
2026	16,440,000	14,598,608		31,038,608	(2,090,553)	28,948,055	279,010,000	56.54%
2027	16,260,000	13,818,420		30,078,420	(1,994,040)	28,084,380	269,010,000	54.52%
2028	16,940,000	13,043,307		29,983,307	(1,892,385)	28,090,922	258,650,000	52.42%
2029	17,600,000	12,270,971		29,870,971	(1,785,278)	28,085,694	247,955,000	50.25%
2030	18,240,000	11,461,898		29,701,898	(1,672,401)	28,029,497	236,915,000	48.01%
2031	18,800,000	10,616,910		29,416,910	(1,553,425)	27,863,484	225,510,000	45.70%
2032	19,585,000	9,734,812		29,319,812	(1,428,012)	27,891,800	213,725,000	43.31%
2033	20,570,000	8,768,128		29,338,128	(1,298,074)	28,040,054	201,495,000	40.83%
2034	21,390,000	7,760,983		29,150,983	(1,163,517)	27,987,466	188,805,000	38.26%
2035	13,165,000	6,828,293		19,993,293	(1,024,147)	18,969,147	175,640,000	35.59%
2036	13,605,000	6,240,536		19,845,536	(878,556)	18,966,980	162,035,000	32.84%
2037	14,060,000	5,632,519		19,692,519	(727,624)	18,964,895	147,975,000	29.99%
2038	14,530,000	5,004,738		19,534,738	(571,253)	18,963,486	133,445,000	27.04%
2039	14,980,000	4,367,536		19,347,536	(386,846)	18,960,690	118,465,000	24.01%
2040	15,445,000	3,710,361		19,155,361	(196,516)	18,958,844	103,020,000	20.88%
2041	15,925,000	3,050,788		18,975,788	-	18,975,788	87,095,000	17.65%
2042	16,405,000	2,571,838		18,976,838	-	18,976,838	70,690,000	14.33%
2043	16,895,000	2,078,463		18,973,463	-	18,973,463	53,795,000	10.90%
2044	17,405,000	1,570,338		18,975,338	-	18,975,338	36,390,000	7.37%
2045	17,925,000	1,046,888		18,971,888	-	18,971,888	18,465,000	3.74%
2046	18,465,000	507,788		18,972,788	-	18,972,788	-	0.00%
	\$ 462,008,000	\$ 266,946,452	\$	728,954,452	\$ (35,430,904)	\$ 693,523,548		

<sup>(1)</sup> BAB Subsidy attached with the bonds before any sequestration adjustments

\$18,035,000 HILLSBOROUGH COUNTY, FLORIDA **Utility Revenue Bonds** Series 2010A (Tax Exempt)

DATED: Nover	mber 16, 2010	Ratings	Underlying	Insured *
DELIVERED: Nover	mber 16, 2010	Moody's	Aa1	Aaa
Earliest Optional		Standard &	AA+	AAA
Redemption Date / Price	e: Not subject to Optional Redemption prior to maturity	Poor's		
True Interest Cost (TIC):	2.089767%	Fitch	AAA	AAA
Arbitrage Yield:	2.045800%	* Insurer: Ambao	Assurance Corpo	ration
PURPOSE		SECURITY		

Fund the costs of acquiring, constructing, renovating and equipping certain improvements to the County's Utility System.

A lien on the County's Utility System Pledged Revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon Date	Principal	Bond Type	CUSIP #	Coupon Rate	Interest	I	Periodic Debt Service	Fiscal Year Debt Service	0	utstanding Debt	Percent Outstanding
02/01/2019 08/01/2019	\$ - 2,805,000	Serial	432347LE0	3.00%	\$ 42,075.00 42,075.00	\$	42,075.00 2,847,075.00	\$ 2,882,137.50	\$	2,805,000 -	15.55% 0.00%
	\$ 2,805,000				\$ 84,150.00	\$	2,889,150.00	\$ 2,882,137.50			

SECURITY

\$110,265,000

HILLSBOROUGH COUNTY, FLORIDA

**Utility Revenue Bonds** 

Series 2010B (Federally Taxable-Build America Bonds-Direct Payment)

#### DATED: November 16, 2010 DELIVERED: November 16, 2010

Earliest Callable Date/Price:

True Interest Cost | 3.525488% 3.433300% Arbitrage Yield

Underlying Insured \* Ratings Moody's Aa1 Aaa Standard & Poor's AA+ AAA

AAA

Fitch AAA \* Insurer: Ambac Assurance Corporation

#### PURPOSE

Fund the costs of acquiring, constructing, renovating and equipping certain improvements to the County's Utility System.

08/01/2020 100%

A lien on the County's Utility System Pledged Revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon		Bond		Coupon			Periodic	Federal Direct	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate		Interest	Debt Service	Subsidy Payments <sup>(1)</sup>	Debt Service	Debt	Outstanding
02/01/2019	\$-				\$	2,818,462.50	2,818,462.50	\$ (986,461.88)		\$ 110,265,000	100.00%
08/01/2019	-					2,818,462.50	2,818,462.50	(986,461.88)	3,664,001.25	110,265,000	100.00%
02/01/2020	-					2,818,462.50	2,818,462.50	(986,461.88)		110,265,000	100.00%
08/01/2020	4,675,000	Serial	432347LF7	3.85%		2,818,462.50	7,493,462.50	(986,461.88)	8,324,002.29	105,590,000	95.76%
02/01/2021	-					2,728,468.75	2,728,468.75	(954,964.15)		105,590,000	95.76%
08/01/2021	4,790,000	Serial	432347LG5	4.05%		2,728,468.75	7,518,468.75	(954,964.15)	8,320,842.95	100,800,000	91.42%
02/01/2022	-					2,631,471.25	2,631,471.25	(921,015.03)		100,800,000	91.42%
08/01/2022	4,920,000	Serial	432347LH3	4.20%		2,631,471.25	7,551,471.25	(921,015.03)	8,323,692.45	95,880,000	86.95%
02/01/2023	-					2,528,151.25	2,528,151.25	(884,853.03)		95,880,000	86.95%
08/01/2023	5,050,000	Serial	432347LJ9	4.35%		2,528,151.25	7,578,151.25	(884,853.03)	8,318,290.20	90,830,000	82.37%
02/01/2024	-					2,418,313.75	2,418,313.75	(846,409.90)		90,830,000	82.37%
08/01/2024	5,195,000	Serial	432347LK6	4.60%		2,418,313.75	7,613,313.75	(846,409.90)	8,318,893.53	85,635,000	77.66%
02/01/2025	-					2,298,828.75	2,298,828.75	(804,590.15)		85,635,000	77.66%
08/01/2025	5,350,000	Serial	432347LL4	4.80%		2,298,828.75	7,648,828.75	(804,590.15)	8,317,077.20	80,285,000	72.81%
02/01/2026	-					2,170,428.75	2,170,428.75	(759,650.15)		80,285,000	72.81%
08/01/2026	5,515,000	Serial	432347LM2	5.00%		2,170,428.75	7,685,428.75	(759,650.15)	8,313,578.03	74,770,000	67.81%
02/01/2027	-					2,032,553.75	2,032,553.75	(711,393.90)		74,770,000	67.81%
08/01/2027	5,695,000	Serial	432347LN0	5.10%		2,032,553.75	7,727,553.75	(711,393.90)	8,313,115.95	69,075,000	62.64%
02/01/2028	-					1,887,331.25	1,887,331.25	(660,566.03)		69,075,000	62.64%
08/01/2028	5,885,000	Serial	432347LP5	5.20%		1,887,331.25	7,772,331.25	(660,566.03)	8,313,028.78	63,190,000	57.31%
02/01/2029	-					1,734,321.25	1,734,321.25	(607,012.53)		63,190,000	57.31%
08/01/2029	6,085,000	Serial	432347LQ3	5.30%		1,734,321.25	7,819,321.25	(607,012.53)	8,312,742.03	57,105,000	51.79%
02/01/2030	-					1,573,068.75	1,573,068.75	(550,574.15)		57,105,000	51.79%
08/01/2030	6,295,000	Serial	432347LR1	5.40%		1,573,068.75	7,868,068.75	(550,574.15)	8,311,661.70	50,810,000	46.08%
02/01/2031	-					1,403,103.75	1,403,103.75	(491,086.40)		50,810,000	46.08%
08/01/2031	6,515,000	Term 1	432347LT7	5.50%		1,403,103.75	7,918,103.75	(491,086.40)	8,309,174.28	44,295,000	40.17%
02/01/2032	-					1,223,941.25	1,223,941.25	(428,379.53)		44,295,000	40.17%
08/01/2032	6,750,000	Term 1	432347LT7	5.50%		1,223,941.25	7,973,941.25	(428,379.53)	8,310,185.95	37,545,000	34.05%
02/01/2033	-					1,038,316.25	1,038,316.25	(363,410.78)		37,545,000	34.05%
08/01/2033	6,990,000	Term 1	432347LT7	5.50%		1,038,316.25	8,028,316.25	(363,410.78)	8,307,773.45	30,555,000	27.71%
02/01/2034	-					846,091.25	846,091.25	(296,132.03)		30,555,000	27.71%
08/01/2034	7,240,000	Term 1	432347LT7	5.50%		846,091.25	8,086,091.25	(296,132.03)	8,306,735.12	23,315,000	21.14%
02/01/2035	-					646,991.25	646,991.25	(226,447.03)	-	23,315,000	21.14%
08/01/2035	7,495,000	Term 2	432347LS9	5.55%		646,991.25	8,141,991.25	(226,447.03)	8,301,424.08	15,820,000	14.35%
02/01/2036	-					439,005.00	439,005.00	(153,651.75)		15,820,000	14.35%
08/01/2036	7,770,000	Term 2	432347LS9	5.55%		439,005.00	8,209,005.00	(153,651.75)	8,304,770.25	8,050,000	7.30%
02/01/2037	-					223,387.50	223,387.50	(78,185.63)		8,050,000	7.30%
08/01/2037	8,050,000	Term 2	432347LS9	5.55%		223,387.50	8,273,387.50	(78,185.63)	8,303,172.50	-	0.00%
	\$ 110,265,000				Ś	66,921,397.50	\$ 177,186,397.50	\$ (23,422,491.75)	\$ 153.294.162.00		

(1) BAB Subsidy attached with the bonds before any sequestration adjustments

1 - 08/01/2034 27,495,000 Term Bond 1, CUSIP number 432347LT7 \$

2 - 08/01/2037 23,315,000 Term Bond 2, CUSIP number 432347LS9

\$21,700,000

HILLSBOROUGH COUNTY, FLORIDA

**Utility Revenue Bonds** 

Series 2010C (Federally Taxable-Recovery Zone Economic Development Bonds-Direct Payment)

DATED: November DELIVERED: November				<b>Ratings</b> Moody's	Underlying Aa1	Insured * Aaa
Earliest Optional				Standard &	AA+	AAA
Redemption Date / Price:	08/01/2020	100%		Poor's		
True Interest Cost (TIC):	3.277003%			Fitch	AAA	AAA
Arbitrage Yield:	3.217700%			* Insurer: Amba	c Assurance Corpor	ation
PURPOSE			SECURITY			

#### PURPOSE

Fund the costs of acquiring, constructing, renovating and equipping certain improvements to the County's Utility System.

A lien on the County's Utility System Pledged Revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon		Bond		Coupon		Periodic	Federal Direct	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Subsidy Payments <sup>(1)</sup>	Debt Service	Debt	Outstanding
02/01/2019	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2019	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2020	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2020	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2021	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2021	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2022	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2022	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2023	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2023	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2024	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2024	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2025	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2025	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2026	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2026	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2027	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2027	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2028	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2028	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2029	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2029	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2030	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2030	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2031	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2031	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2032	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2032	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2033	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2033	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2034	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2034	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2035	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2035	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2036	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2036	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2037	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2037	-				634,725.00	634,725.00	(285,626.25)	698,197.50	21,700,000	100.00%
02/01/2038	-				634,725.00	634,725.00	(285,626.25)		21,700,000	100.00%
08/01/2038	7,005,000	Term 1	432347LU4	5.85%	634,725.00	7,639,725.00	(285,626.25)	7,669,048.13	14,695,000	67.72%
02/01/2039	-				429,828.75	429,828.75	(193,423.05)		14,695,000	67.72%
08/01/2039	7,230,000	Term 1	432347LU4	5.85%	429,828.75	7,659,828.75	(193,423.05)	7,667,565.15	7,465,000	34.40%
02/01/2040	-				218,351.25	218,351.25	(98,258.18)		7,465,000	34.40%
08/01/2040	7,465,000	Term 1	432347LU4	5.85%	218,351.25	7,683,351.25	(98,258.18)	7,668,794.27	-	0.00%
	\$21,700,000				\$ 26,685,360.00	\$ 50,924,260.00	\$ (12,008,412.46)	\$ 36,271,160.04		

(1) BAB Subsidy attached with the bonds before any sequestration adjustments

1 - 08/01/2040 \$21,700,000 Term Bond 1, CUSIP number 432347LU4

#### \$25,160,000 HILLSBOROUGH COUNTY, FLORIDA Solid Waste and Resource Recovery Bond Series 2013 (AMT)

DATED:	May 8, 2013		Ratings	Underlying	Insured
DELIVERED:	May 8, 2013		Moody's	N/R	N/R
Initial Call Date / P	rice:	05/01/2018	S&P	N/R	N/R
True Interest Cost	(TIC):	1.791167%	Fitch	N/R	N/R
Arbitrage Yield:		1.791167%			

### PURPOSE

Fund the costs of acquiring, assembling, and initially distributing garbage and recycling roll carts.

# SECURITY

A lien on solid waste and resource recovery system net revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon			Bond		Coupon				Periodic	Fiscal Year	Outstanding	Percent
Date		Principal	Туре	CUSIP #	Rate		Interest	l	Debt Service	Debt Service	Debt	Outstanding
03/01/2019	\$	-				\$	117,650.79	\$	117,650.79		\$ 13,138,000	52.22%
09/01/2019		2,535,000	Term 1		1.79%		117,650.79		2,652,650.79	2,766,518.09	10,603,000	42.14%
03/01/2020							94,949.87		94,949.87		10,603,000	42.14%
09/01/2020		2,580,000	Term 1		1.79%		94,949.87		2,674,949.87	2,766,049.08	8,023,000	31.89%
03/01/2021							71,845.97		71,845.97		8,023,000	31.89%
09/01/2021		2,627,000	Term 1		1.79%		71,845.97		2,698,845.97	2,766,771.13	5,396,000	21.45%
03/01/2022							48,321.18		48,321.18		5,396,000	21.45%
09/01/2022		2,674,000	Term 1		1.79%		48,321.18		2,722,321.18	2,766,651.42	2,722,000	10.82%
03/01/2023							24,375.51		24,375.51		2,722,000	10.82%
09/01/2023		2,722,000	Term 1		1.79%		24,375.51		2,746,375.51	2,766,688.44	-	0.00%
	ć	13,138,000				ć	714,286.62	ć	13,852,286.62	\$ 13,832,678.16		

\$207,795,000 HILLSBOROUGH COUNTY, FLORIDA Utility Revenue Bonds Series 2016

DATED:	July 26, 2016			<u>Ratings</u>	Underlying	Insured *
DELIVERED:	July 26, 2016			Moody's	Aa1	Aaa
Initial Call Date	/ Price:	08/01/2020	100%	S&P	AA+	AAA
True Interest Co	ost (TIC)	2.833121%		Fitch	AAA	AAA
Arbitrage Yield		2.722194%		* Insurer: An	nbac Assurance Corporati	ion

# PURPOSE

Fund the costs of acquiring, constructing, expanding, renovating and demolishing certain facilities comprising the County's Utility System.

# **SECURITY**

A lien on the County's Utility System Pledged Revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon		Bond		Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Debt Service	Debt	Outstanding
02/01/2019	\$-				\$ 3,393,012.50	\$ 3,393,012.50		\$ 207,795,000	100.00%
08/01/2019	-				3,393,012.50	3,393,012.50	6,786,025.00	207,795,000	100.00%
02/01/2020	-				3,393,012.50	3,393,012.50		207,795,000	100.00%
08/01/2020	3,195,000	Serial	432347 LV2	1.50%	3,393,012.50	6,588,012.50	9,977,031.25	204,600,000	98.46%
02/01/2021	-				3,369,050.00	3,369,050.00		204,600,000	98.46%
08/01/2021	3,245,000	Serial	432347 LW0	5.00%	3,369,050.00	6,614,050.00	9,969,579.17	201,355,000	96.90%
02/01/2022	-				3,287,925.00	3,287,925.00		201,355,000	96.90%
08/01/2022	3,405,000	Serial	432347 LX8	5.00%	3,287,925.00	6,692,925.00	9,966,662.50	197,950,000	95.26%
02/01/2023	-				3,202,800.00	3,202,800.00		197,950,000	95.26%
08/01/2023	3,575,000	Serial	432347 LY6	5.00%	3,202,800.00	6,777,800.00	9,965,704.17	194,375,000	93.54%
02/01/2024	-				3,113,425.00	3,113,425.00		194,375,000	93.54%
08/01/2024	3,755,000	Serial	432347 LZ3	5.00%	3,113,425.00	6,868,425.00	9,966,204.17	190,620,000	91.73%
02/01/2025	-				3,019,550.00	3,019,550.00		190,620,000	91.73%
08/01/2025	3,940,000	Serial	432347 MA7	5.00%	3,019,550.00	6,959,550.00	9,962,683.33	186,680,000	89.84%
02/01/2026	-,,				2,921,050.00	2,921,050.00	-,,	186,680,000	89.84%
08/01/2026	4,140,000	Serial	432347 MB5	4.00%	2,921,050.00	7,061,050.00	9,968,300.00	182,540,000	87.85%
02/01/2027		oc.ru.	102017 11120		2,838,250.00	2,838,250.00	5,500,500,000	182,540,000	87.85%
08/01/2027	4,305,000	Serial	432347 MC3	4.00%	2,838,250.00	7,143,250.00	9,967,150.00	178,235,000	85.77%
02/01/2028	-,505,000	Jeria	452547 10105	4.0070	2,752,150.00	2,752,150.00	5,507,150.00	178,235,000	85.77%
08/01/2028	4,475,000	Serial	432347 MD1	3.00%	2,752,150.00	7,227,150.00	9,968,112.50	173,760,000	83.62%
02/01/2029	4,475,000	Sella	432347 10101	3.00%	2,685,025.00	2,685,025.00	9,908,112.50	173,760,000	83.62%
	4,610,000	Carrial	432347 ME9	2 000/				169,150,000	
08/01/2029	4,610,000	Serial	432347 IVIE9	3.00%	2,685,025.00	7,295,025.00	9,968,525.00	, ,	81.40%
02/01/2030	-	<b>C</b>	422247 1450	2.000/	2,615,875.00	2,615,875.00	0.004.007.50	169,150,000	81.40%
08/01/2030	4,745,000	Serial	432347 MF6	3.00%	2,615,875.00	7,360,875.00	9,964,887.50	164,405,000	79.12%
02/01/2031	-		1000171100	2.000/	2,544,700.00	2,544,700.00	0.007.475.00	164,405,000	79.12%
08/01/2031	4,890,000	Serial	432347 MG4	3.00%	2,544,700.00	7,434,700.00	9,967,175.00	159,515,000	76.77%
02/01/2032					2,471,350.00	2,471,350.00		159,515,000	76.77%
08/01/2032	5,035,000	Serial	432347 MH2	4.00%	2,471,350.00	7,506,350.00	9,960,916.67	154,480,000	74.34%
02/01/2033	-				2,370,650.00	2,370,650.00		154,480,000	74.34%
08/01/2033	5,240,000	Serial	432347 MJ8	4.00%	2,370,650.00	7,610,650.00	9,963,833.33	149,240,000	71.82%
02/01/2034	-				2,265,850.00	2,265,850.00		149,240,000	71.82%
08/01/2034	5,450,000	Serial	432347 MK5	4.00%	2,265,850.00	7,715,850.00	9,963,533.33	143,790,000	69.20%
02/01/2035	-				2,156,850.00	2,156,850.00		143,790,000	69.20%
08/01/2035	5,670,000	Serial	432347 MI3	3.00%	2,156,850.00	7,826,850.00	9,969,525.00	138,120,000	66.47%
02/01/2036	-				2,071,800.00	2,071,800.00		138,120,000	66.47%
08/01/2036	5,835,000	Serial	432347 MM1	3.00%	2,071,800.00	7,906,800.00	9,964,012.50	132,285,000	63.66%
02/01/2037	-				1,984,275.00	1,984,275.00		132,285,000	63.66%
08/01/2037	6,010,000	Serial	432347 MN9	3.00%	1,984,275.00	7,994,275.00	9,963,525.00	126,275,000	60.77%
02/01/2038	-				1,894,125.00	1,894,125.00		126,275,000	60.77%
08/01/2038	7,525,000	Serial	432347 MP4	3.00%	1,894,125.00	9,419,125.00	11,294,437.50	118,750,000	57.15%
02/01/2039	-				1,781,250.00	1,781,250.00		118,750,000	57.15%
08/01/2039	7,750,000	Serial	432347 MQ2	3.00%	1,781,250.00	9,531,250.00	11,293,125.00	111,000,000	53.42%
02/01/2040	-				1,665,000.00	1,665,000.00		111,000,000	53.42%
08/01/2040	7,980,000	Serial	432347 MR0	3.00%	1,665,000.00	9,645,000.00	11,290,050.00	103,020,000	49.58%
02/01/2041					1,545,300.00	1,545,300.00		103,020,000	49.58%
08/01/2041	15,925,000	Serial	432347 MS8	3.00%	1,545,300.00	17,470,300.00	18,975,787.50	87,095,000	41.91%
02/01/2042					1,306,425.00	1,306,425.00	-,,	87,095,000	41.91%
08/01/2042	16,405,000	Serial	432347 MT6	3.00%	1,306,425.00	17,711,425.00	18,976,837.50	70,690,000	34.02%
02/01/2043	20,100,000	Contai		0.0070	1,060,350.00	1,060,350.00	20,070,0007.00	70,690,000	34.02%
08/01/2043	16,895,000	Serial	432347 MU3	3.00%	1,060,350.00	17,955,350.00	18,973,462.50	53,795,000	25.89%
02/01/2044	10,000,000	Jerrar	132377 10103	3.0070	806,925.00	806,925.00	10,3, 3,402.30	53,795,000	25.89%
08/01/2044	17,405,000	Serial	432347 MV1	3.00%	806,925.00	18,211,925.00	18,975,337.50	36,390,000	17.51%
50/01/2044	17,403,000	Jenai	TJLJ+/ 1VIVI	5.0070	000,525.00	10,211,323.00	10,07,0,007,001	50,550,000	11.31/0

\$207,795,000 HILLSBOROUGH COUNTY, FLORIDA Utility Revenue Bonds Series 2016

DATED:	July 26, 2016			Ratings	Underlying	Insured *
DELIVERED:	July 26, 2016			Moody's	Aa1	Aaa
Initial Call Date	/ Price:	08/01/2020	100%	S&P	AA+	AAA
True Interest C	ost (TIC)	2.833121%		Fitch	AAA	AAA
Arbitrage Yield		2.722194%		* Insurer: Amba	ac Assurance Corporati	on

# PURPOSE

Fund the costs of acquiring, constructing, expanding, renovating and demolishing certain facilities comprising the County's Utility System.

# **SECURITY**

A lien on the County's Utility System Pledged Revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon		Bond		Coupon			Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate		Interest	Debt Service	Debt Service	Debt	Outstanding
02/01/2045	\$-				\$	545,850.00	\$ 545,850.00		\$ 36,390,000	17.51%
08/01/2045	17,925,000	Serial	432347 MW9	3.00%		545,850.00	18,470,850.00	18,971,887.50	18,465,000	8.89%
02/01/2046						276,975.00	276,975.00		18,465,000	8.89%
08/01/2046	18,465,000	Serial	432347 MX7	3.00%		276,975.00	18,741,975.00	18,972,787.50	-	0.00%
	\$ 207,795,000				\$ 1	L26,677,600.00	\$ 334,472,600.00	\$ 333,907,097.92		

# **Revenue Bonds: Enterprise Funds**

\$89,010,000 HILLSBOROUGH COUNTY, FLORIDA Solid Waste and Resource Recovery Revenue Bonds Series 2016A (AMT)

100%

 DATED:
 November 21, 2016

 DELIVERED:
 November 21, 2016

 Initial Call Date / Price:
 09/01/2026
 10

 True Interest Cost (TIC):
 2.937660% (Series 2016A & 2016B)

 Arbitrage Yield:
 2.598037% (Series 2016A & 2016B)

RatingsUnderlyingInsured \*Moody'sA1N/RS&PAA+N/RFitchA+N/R\* Insurer: Ambac Assurance Corporation

### PURPOSE

Funds to refund all of the County's outstanding Solid Waste Resource Recovery Bonds, Series 2006A (AMT) and fund the series 2016 Reserve Account in an amount equal to a portion of the Series 2016 Reserve Requirement.

### SECURITY

A lien on Solid Waste and Resource Recovery System net revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon Date	Principal	Bond Type	CUSIP #	Coupon Rate	Interest	Periodic Debt Service	Fiscal Year Debt Service	Outstanding Debt	Percent Outstanding
03/01/2019	Ś -	Type		nute	\$ 1,983,625.00	\$ 1,983,625.00	Debt Schritte	\$ 81,085,000	91.10%
09/01/2019	5,080,000	Serial	432342DE0	5.00%	1,983,625.00	7,063,625.00	9,026,083.33	76,005,000	85.39%
03/01/2020					1,856,625.00	1,856,625.00		76,005,000	85.39%
09/01/2020	5,185,000	Serial	432342DF7	5.00%	1,856,625.00	7,041,625.00	8,876,645.83	70,820,000	79.56%
03/01/2021					1,727,000.00	1,727,000.00		70,820,000	79.56%
09/01/2021	5,440,000	Serial	432342DG5	5.00%	1,727,000.00	7,167,000.00	8,871,333.33	65,380,000	73.45%
03/01/2022					1,591,000.00	1,591,000.00		65,380,000	73.45%
09/01/2022	5,715,000	Serial	432342DH3	5.00%	1,591,000.00	7,306,000.00	8,873,187.50	59,665,000	67.03%
03/01/2023					1,448,125.00	1,448,125.00		59,665,000	67.03%
09/01/2023	6,000,000	Serial	J9432342DJ9	5.00%	1,448,125.00	7,448,125.00	8,871,250.00	53,665,000	60.29%
03/01/2024					1,298,125.00	1,298,125.00		53,665,000	60.29%
09/01/2024	6,300,000	Serial	432342DK6	5.00%	1,298,125.00	7,598,125.00	8,870,000.00	47,365,000	53.21%
03/01/2025					1,140,625.00	1,140,625.00		47,365,000	53.21%
09/01/2025	6,620,000	Serial	432342DL4	5.00%	1,140,625.00	7,760,625.00	8,873,666.67	40,745,000	45.78%
03/01/2026					975,125.00	975,125.00		40,745,000	45.78%
09/01/2026	6,785,000	Serial	432342DM2	5.00%	975,125.00	7,760,125.00	8,706,979.17	33,960,000	38.15%
03/01/2027					805,500.00	805,500.00		33,960,000	38.15%
09/01/2027		-		5.00%	805,500.00	805,500.00	1,611,000.00	33,960,000	38.15%
03/01/2028					805,500.00	805,500.00		33,960,000	38.15%
09/01/2028		-		5.00%	805,500.00	805,500.00	1,611,000.00	33,960,000	38.15%
03/01/2029					805,500.00	805,500.00		33,960,000	38.15%
09/01/2029		-		5.00%	805,500.00	805,500.00	1,611,000.00	33,960,000	38.15%
03/01/2030					805,500.00	805,500.00		33,960,000	38.15%
09/01/2030	1,725,000	Serial	432342DN0	5.00%	805,500.00	2,530,500.00	3,328,812.50	32,235,000	36.22%
03/01/2031					762,375.00	762,375.00		32,235,000	36.22%
09/01/2031	7,395,000	Serial	432342DP5	5.00%	762,375.00	8,157,375.00	8,888,937.50	24,840,000	27.91%
03/01/2032					577,500.00	577,500.00		24,840,000	27.91%
09/01/2032	7,800,000	Serial	432342DQ3	5.00%	577,500.00	8,377,500.00	8,922,500.00	17,040,000	19.14%
03/01/2033					382,500.00	382,500.00		17,040,000	19.14%
09/01/2033	8,340,000	Serial	432342DR1	5.00%	382,500.00	8,722,500.00	9,070,250.00	8,700,000	9.77%
03/01/2034					174,000.00	174,000.00		8,700,000	9.77%
09/01/2034	8,700,000	Serial	432342DS9	4.00%	174,000.00	8,874,000.00	9,019,000.00	-	0.00%
	\$ 81,085,000				\$ 34,277,250.00	# \$ 115,362,250.00	\$ 115,031,645.83		

# **Revenue Bonds: Enterprise Funds**

\$25,220,000 HILLSBOROUGH COUNTY, FLORIDA Solid Waste and Resource Recovery Revenue Bonds Series 2016B (NON-AMT)

DATED:	November 21,	2016		Ratings	Underlying	Insured *
DELIVERED:	November 21,	2016		Moody's	A1	N/R
Initial Call Date /	Price:	09/01/2026	100%	S&P	AA+	N/R
True Interest Cost	t (TIC):	2.937660% (Series 2016	A & 2016B)	Fitch	A+	N/R
Arbitrage Yield:		2.598037% (Series 2016	A & 2016B)	* Insurer: Ambac	Assurance Corporat	ion

# PURPOSE

Funds to refund all of the County's outstanding Solid Waste and Resource Recovery Revenue Bonds, Series 2006B (NON-AMT) and fund the Series 2016 Reserve account in an amount equal to a portion of the Series 2016 Reserve Requirement.

# <u>SECURITY</u>

A lien on Solid Waste and Resource Recovery System net revenues. The Bonds do not constitute general obligation or indebtedness of the County.

Coupon		Bond		Coupon				Periodic	Fis	scal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate		Interest		Debt Service	Del	bt Service	Debt	Outstanding
03/01/2019	\$-				\$	630,500.00	\$	630,500.00			\$ 25,220,000	100.00%
09/01/2019						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2020						630,500.00		630,500.00			25,220,000	100.00%
09/01/2020						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2021						630,500.00		630,500.00			25,220,000	100.00%
09/01/2021						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2022						630,500.00		630,500.00			25,220,000	100.00%
09/01/2022						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2023						630,500.00		630,500.00			25,220,000	100.00%
09/01/2023						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2024						630,500.00		630,500.00			25,220,000	100.00%
09/01/2024						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2025						630,500.00		630,500.00			25,220,000	100.00%
09/01/2025						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2026						630,500.00		630,500.00			25,220,000	100.00%
09/01/2026						630,500.00		630,500.00	1	1,261,000.00	25,220,000	100.00%
03/01/2027						630,500.00		630,500.00			25,220,000	100.00%
09/01/2027	6,260,000	Serial	432342DT7	5.00%		630,500.00		6,890,500.00	7	7,494,916.67	18,960,000	75.18%
03/01/2028						474,000.00		474,000.00			18,960,000	75.18%
09/01/2028	6,580,000	Serial	432342DU4	5.00%		474,000.00		7,054,000.00	7	7,500,583.33	12,380,000	49.09%
03/01/2029						309,500.00		309,500.00			12,380,000	49.09%
09/01/2029	6,905,000	Serial	432342DV2	5.00%		309,500.00		7,214,500.00	7	7,495,229.17	5,475,000	21.71%
03/01/2030						136,875.00		136,875.00			5,475,000	21.71%
09/01/2030	5,475,000	Serial	432342DW0	5.00%		136,875.00		5,611,875.00	5	5,725,937.50	-	0.00%
	\$ 25,220,000				\$ :	13,189,750.00	#\$	38,409,750.00	\$ 38	3,304,666.67		

7. Revenue Bonds: Debt Issued by Independent Authorities

## **REVENUE BONDS: DEBT ISSUED BY INDEPENDENT AUTHORITIES**

The Tampa Sports Authority (TSA) has issued debt to finance a multipurpose arena (Amalie Arena, formerly known as the Tampa Bay Times Forum, St. Pete Times Forum and as the Ice Palace) and a community stadium ("Raymond James Stadium"). This debt is primarily secured by certain revenues of the County as described in more detail below. As of September 30, 2018, \$79,000,000 of TSA-issued bonds related to these facilities is outstanding.

## **ARENA BONDS**

Currently the TSA does not have any County supported debt outstanding related to the Amalie Arena (the multipurpose arena). However, during 2005 and 2006, the County issued direct debt (refunding revenue bonds) to defease TSA bonds related to the arena in order to achieve debt service savings. These bond issues have since been refunded as the \$11,176,000 Tampa Bay Arena Refunding Revenue Note, Series 2015 (the "2015 Note"), and the \$39,075,000 Fifth Cent Tourist Development Tax Refunding Revenue Bonds, Series 2016 (the "2016 Bonds"), which are described more fully in the section of this report titled "Revenue Bonds: Non Enterprise/ Non-ad valorem". A history of all financing transactions related to the arena is presented here for informational purposes:

The TSA issued its \$27,685,000 Special Purpose Bonds, Series 1995 (the "1995 County-supported Bonds"), and its \$17,020,000 Taxable Surcharge Bonds, Series 1995 (the "1995 Surcharge Bonds") in order to finance a portion of the cost to construct the multipurpose arena then known as the Ice Palace.

The 1995 Surcharge Bonds were subsequently refunded for debt service savings by the County's Arena Refunding Revenue Bonds, Series 2005 (the 2005 Bonds). The 2005 Bonds were secured by a covenant to budget and appropriation of County non-ad valorem revenues and repaid primarily with 5th Cent Tourist Development Tax revenues. In 2015, the County refunded the 2005 Bonds with the 2015 Note for the purpose of achieving debt service savings. The 2015 Note is still outstanding and has the same securitization/repayment structure as the 2005 Bonds.

The 1995 County-supported Bonds were refunded for debt service savings by TSA's \$30,185,000 County Interlocal Payments Refunding Revenue Bonds, Series 1998 (the "1998 Bonds"). The 1998 bonds were, in turn, refunded by the County-issued Fifth Cent Tourist Development Tax Refunding Revenue Bonds, Series 2006A (the "Series 2006A Bonds"). In addition, on December 19, 2006, the County also issued new money bonds, the Fifth Cent Tourist Development Tax Improvement Revenue Bonds, Series 2006B (the Series "2006B Bonds"), to pay for certain capital improvements to the arena. The Series 2006A Bonds were subsequently refunded by the 2016 Bonds and the Series 2006B Bonds have been paid off. The 5th Cent Tourist Development Tax Revenues are the sole security and repayment source for the Series 2016 Bonds.

## **STADIUM BONDS**

Currently, the TSA has two debt issues outstanding, both issued in 2015, that are related to Raymond James Stadium (the community stadium): the **Series 2015 Tampa Sports Authority Florida Sales Tax Payments Refunding Revenue Bonds** (Stadium Project) (the "2015 FST Bonds"), and the **Series 2015 Tampa Sports Authority Local Option Sales Tax Refunding Revenue Bonds** (the "2015 LOST Bonds"). In addition, the County has issued direct debt to refund a portion of the TSA's outstanding stadium debt and to raise money for certain other capital projects. A history of the TSA transactions related to the stadium is presented here for informational purposes.

On July 10, 1997, the TSA issued three series of bonds as part of the plan of finance for the construction of a new professional sports franchise community stadium: the Series 1997 Local Option Sales Tax Revenue Bonds (Stadium Project) (the "1997 LOST Bonds"), the Series 1997 Florida Sales Tax Payments Revenue Bonds (Stadium Project) (the "1997 FST Bonds"), and the Series 1997B Tourist Development Tax Revenue Bonds (Stadium Project) (the "1997 B TDT Bonds"). The 1997 LOST Bonds, the 1997 FST Bonds, and the 1997B TDT Bonds have since been refunded. (The TSA also issued its Series 1997A Tourist Development Tax Revenue Bonds on July 10, 1997, for the purpose of refunding its outstanding Series 1977 Refunding Revenue Bonds. The Series 1997A Bonds were not issued as part of the plan of finance for the construction of the new community stadium.)

The 1997 LOST Bonds were issued in the amount of \$148,945,000 to partially fund the acquisition, construction and equipping of a new professional sports franchise stadium and related parking facilities, as well as demolition of the thenexisting stadium. The Bonds were secured by and repaid from CIT revenues. The 1997 LOST Bonds were subsequently refunded in November 2005 by the TSA Series 2005 LOST Bonds in the amount of \$114,865,000 (the "2005 LOST Bonds"); the 2005 LOST Bonds were subsequently refunded in January 2015 by the TSA Series 2015 LOST Bonds in the amount of \$63,020,000.

The 1997 FST Bonds were issued in the amount of \$30,010,000 to partially fund the acquisition, construction and equipping of a new professional sports franchise stadium and related parking facilities. The Bonds were secured by and repaid from sales tax revenues distributable to the County by the State of Florida pursuant to Sections 288.1162 and 212.20(6)(g)5.a, Florida Statutes, as amended. The 1997 FST Bonds were subsequently refunded in November 2005 by the TSA Series 2005 FST Bonds in the amount of \$27,015,000; the 2005 FST Bonds were subsequently refunded in January 2015 by the TSA Series 2015 FST Bonds in the amount of \$19,240,000.

The 1997B TDT Bonds were issued in the amount of \$11,190,000 to partially finance the acquisition, construction and equipping of a new professional sports franchise stadium and related parking facilities, as well as demolition of the thenexisting stadium. The Bonds were secured by and repaid from an additional one percent tourist development tax levied by the County pursuant to Section 125.0104(3)(I), Florida Statutes (the 4th Cent of the County's levied Tourist Development Tax). The 1997B TDT Bonds were subsequently refunded in December 2006 by the County's Series 2006 Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds in the amount of \$18,270,000 (the "2006 TDT Bonds"). In addition to providing the funds necessary to refund the 1997B TDT Bonds, the 2006 TDT Bonds provided the County with funding necessary to finance the acquisition and/or construction of certain capital improvements to George M. Steinbrenner Field (formerly known as "Legends Field") and to fund a grant to the City of Tampa to pay for certain capital improvements to the Tampa Convention Center. The 2006 TDT Bonds were subsequently refunded by the Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds, Series 2017A, in the amount of \$12,875,000. The 4th Cent Tourist Development Tax is the sole payment source for the Series 2017A Bonds.

Amount Outstanding <u>FYE 2018</u>	Dated <u>Date</u>	lssue	<u>Security</u>	Insured/ Underlying <u>Ratings</u> <sup>7</sup>	Bond Insurance	Final <u>Maturity</u>
Tampa Sports Author	ity Debt					
\$14,585,000	01/06/2015	\$19,240,000 Tampa Sports Authority Florida Sales Tax Payments Refunding Revenue Bonds (Stadium Project) Series 2015	Sales Tax Receipts pursuant to Florida Statutes	Aaa/AAA/AAA Aa3/AA+/AA+	None	01/01/27
<u>\$62,020,000</u>	01/06/2015	\$63,020,000 Tampa Sports Authority Local Option Sales Tax Refunding Revenue Bonds (Stadium Project) Series 2015	The Authority Share of Local Option Infrastructure Surtax (Community Investment Tax "CIT")	Aaa/AAA/AAA Aa3/A+/AA-	None	01/01/27
Total Tampa Sports A	uthority Debt					

#### <u>Total Tampa Sports Authority Debt</u>

\$76,605,000

Grand total

<sup>\*</sup> Underlying ratings: Moody's/Standard & Poor's/Fitch Ratings

# **Revenue Bonds: Debt Issued by Independent Authorities**

## As of 9/30/2018 AGGREGATE DEBT SERVICE SCHEDULE

Fiscal					Outstanding	Percent
Year	Principal*	Interest*	D	ebt Service*	Debt (FYE)	Outstanding <sup>(1)</sup>
2019	\$ 6,880,000	\$ 3,430,800	\$	10,310,800	\$ 69,725,000	91.02%
2020	7,695,000	3,067,300		10,762,300	62,030,000	80.97%
2021	8,075,000	2,677,900		10,752,900	53,955,000	70.43%
2022	8,465,000	2,281,500		10,746,500	45,490,000	59.38%
2023	8,870,000	1,865,900		10,735,900	36,620,000	47.80%
2024	9,295,000	1,434,575		10,729,575	27,325,000	35.67%
2025	9,730,000	996,100		10,726,100	17,595,000	22.97%
2026	10,175,000	536,650		10,711,650	7,420,000	9.69%
2027	7,420,000	143,475		7,563,475	-	0.00%
	\$ 76,605,000	\$ 16,434,200	\$	93,039,200		

\* Represents payments to bond holders by independent authorities. County's portion of these payments is paid on an accrual basis and is reported on the individual debt service schedules.

<sup>(1)</sup> Percentage of Amount Outstanding at fiscal year end 2018

## **REVENUE BONDS: DEBT ISSUED BY INDEPENDENT AUTHORITIES**

\$63,020,000

TAMPA SPORTS AUTHORITY

Local Option Sales Tax Refunding Revenue Bonds (Stadium Project)

Series 2015

	anuary 6, 20 anuary 6, 20			<u>Ratings</u> Moody's	<u>Underlying</u> Aa2	Insured * None
Initial Call Date / Pr	rice:	01/01/2026	100%	S&P	AA+	None
True Interest Cost	: (TIC):	4.4016910%		Fitch	AA+	None
Arbitrage Yield:		4.3544360%				

### PURPOSE

To advance refund the Tampa Sports Authority local Option Sales Tax Revenue Bonds (Stadium Project), Series 2005 which were issued as a part of the plan of finance in connection with Raymond James Stadium.

### SECURITY

Tampa Sports Authority share of Local Option Infrastructure Surtax (Community Investment Tax, "CIT").

							County's			
Coupon		Bond		Coupon		Periodic	Fiscal Year	C	Outstanding	Percent
Date	Principal	Туре	CUSIP #	Rate	Interest	Debt Service	Debt Service*		Debt	Outstanding
01/01/2019	\$ 5,420,000	Serial	875263PM1	5.00%	\$ 1,518,325.00	\$ 6,938,325.00		\$	56,600,000	89.81%
07/01/2019				5.00%	1,382,825.00	1,382,825.00	8,321,150		56,600,000	89.81%
01/01/2020	6,160,000	Serial	875263PN9	5.00%	1,382,825.00	7,542,825.00			50,440,000	80.04%
07/01/2020				5.00%	1,228,825.00	1,228,825.00	8,771,650		50,440,000	80.04%
01/01/2021	6,470,000	Serial	875263PP4	5.00%	1,228,825.00	7,698,825.00			43,970,000	69.77%
07/01/2021				5.00%	1,067,075.00	1,067,075.00	8,765,900		43,970,000	69.77%
01/01/2022	6,790,000	Serial	875263PQ2	5.00%	1,067,075.00	7,857,075.00			37,180,000	59.00%
07/01/2022				5.00%	897,325.00	897,325.00	8,754,400		37,180,000	59.00%
01/01/2023	7,130,000	Serial	875263PR0	5.00%	897,325.00	8,027,325.00			30,050,000	47.68%
07/01/2023				5.00%	719,075.00	719,075.00	8,746,400		30,050,000	47.68%
01/01/2024	7,490,000	Serial	875263PS8	5.00%	719,075.00	8,209,075.00			22,560,000	35.80%
07/01/2024				5.00%	531,825.00	531,825.00	8,740,900		22,560,000	35.80%
01/01/2025	7,865,000	Serial	875263PT6	5.00%	531,825.00	8,396,825.00			14,695,000	23.32%
07/01/2025				5.00%	335,200.00	335,200.00	8,732,025		14,695,000	23.32%
01/01/2026	8,260,000	Serial	875263PU3	5.00%	335,200.00	8,595,200.00			6,435,000	10.21%
07/01/2026				5.00%	128,700.00	128,700.00	8,723,900		6,435,000	10.21%
01/01/2027	6,435,000	Serial	875263PV1	4.00%	\$ 128,700.00	6,563,700.00			-	0.00%
07/01/2027					 -	 -	6,563,700		-	0.00%
	\$ 62,020,000				\$ 14,100,025.00	\$ 76,120,025.00	76,120,025			

\*Represents County's fiscal year payments to TSA.

## **REVENUE BONDS: DEBT ISSUED BY INDEPENDENT AUTHORITIES**

\$19,240,000

TAMPA SPORTS AUTHORITY

Florida Sales Tax Payments Refunding Revenue Bonds (Stadium Project)

Series 2015

DATED: DELIVERED:	January 6, 2015 January 6, 2015			<u>Ratings</u> Moody's	Underlying Aa2	Insured * None
Initial Call Date	/ Price:	01/01/2015	100%	S&P	AA+	None
True Interest C	ost (TIC):	5.5206184%		Fitch	AA+	None
Arbitrage Yield:		5.4636000%				

PURPOSE

To advance refund the Tampa Sports Authority Florida Sales Tax Payments Revenue Bonds (Stadium Project), Series 2005 which were issued as a part of the plan of finance in connection with Raymond James Stadium.

<u>SECURITY</u> State Sales Tax receipts pursuant to the Florida Statutes.

							County's		
Coupon		Bond		Coupon		Periodic	Fiscal Year	Outstanding	Percent
Date	Principal	Туре	CUSIP#	Rate	Interest	Debt Service	Debt Service*	Debt	Outstanding
01/01/2019	\$ 720,000	Serial	875263QD0	5.00%	\$ 273,825.00	\$ 993,825.00		\$ 13,865,000	72.06%
07/01/2019	740,000	Serial	875263QE8	5.00%	255,825.00	995,825.00	1,989,650	13,125,000	68.22%
01/01/2020	760,000	Serial	875263QF5	5.00%	237,325.00	997,325.00		12,365,000	64.27%
07/01/2020	775,000	Serial	875263QG3	5.00%	218,325.00	993,325.00	1,990,650	11,590,000	60.24%
01/01/2021	795,000	Serial	875263QH1	4.00%	198,950.00	993,950.00		10,795,000	56.11%
07/01/2021	810,000	Serial	875263QJ7	4.00%	183,050.00	993,050.00	1,987,000	9,985,000	51.90%
01/01/2022	830,000	Serial	875263QK4	4.00%	166,850.00	996,850.00		9,155,000	47.58%
07/01/2022	845,000	Serial	875263QL2	4.00%	150,250.00	995,250.00	1,992,100	8,310,000	43.19%
01/01/2023	860,000	Serial	875263QM0	4.00%	133,350.00	993,350.00		7,450,000	38.72%
07/01/2023	880,000	Serial	875263QN8	4.00%	116,150.00	996,150.00	1,989,500	6,570,000	34.15%
01/01/2024	895,000	Serial	875263QP3	3.00%	98,550.00	993,550.00		5,675,000	29.50%
07/01/2024	910,000	Serial	875263QQ1	3.00%	85,125.00	995,125.00	1,988,675	4,765,000	24.77%
01/01/2025	925,000	Serial	875263QR9	3.00%	71,475.00	996,475.00		3,840,000	19.96%
07/01/2025	940,000	Serial	875263QS7	3.00%	57,600.00	997,600.00	1,994,075	2,900,000	15.07%
01/01/2026	950,000	Serial	875263QT5	3.00%	43,500.00	993,500.00		1,950,000	10.14%
07/01/2026	965,000	Serial	875263QU2	3.00%	29,250.00	994,250.00	1,987,750	985,000	5.12%
01/01/2027	985,000	Serial	875263QV0	3.00%	14,775.00	999,775.00		-	0.00%
07/01/2027					-	-	999,775	-	0.00%
	\$ 14,585,000				\$ 2,334,175.00	\$ 16,919,175.00	16,919,175		

8. Special Assessment Revenue Bonds

## SPECIAL ASSESSMENT REVENUE BONDS

The following Special Assessment bonds were issued by the County; however, they are not considered "County debt" because they are secured solely by special assessments and liens on the property comprising the respective assessment districts which benefit from the improvements funded by the debt. Accordingly, the following debt is not included in any of the debt summaries presented earlier in this report.

## WATER AND WASTEWATER

During fiscal 2015, the County redeemed its Reclaimed Water Special Assessment Revenue Bonds, Series 2000 as well as its Capacity Assessment Special Assessment Revenue Bonds, Series 2000. In addition, the County advance refunded its Capacity Assessment Special Assessment Revenue Bonds, Series 2006 for debt service savings. The Capacity Assessment Special Assessment Revenue Note, Series 2015 was issued in the amount of \$42,835,000 on September 4, 2015 and is payable solely from non-ad valorem assessments levied and collected annually in conjunction with real property taxes.

<u>Ou</u> <u>F</u>	Amount Itstanding IYE 2018 ial Assessmen	<u>Dated</u> <u>Date</u> It Revenue B	<u>Issue</u> onds	<u>Security</u>	<u>Insured/</u> <u>Underlying</u> <u>Ratings *</u>	<u>Final</u> Maturity
\$	17,860,000	9/4/2015	\$42,835,000 Capacity Assessment Special Assessment Revenue Bonds, Series 2015	Non-Ad Valorem Special Capacity Assessment	Aaa/AAA/NR A3/A/NR	03/01/21

\$ 17,860,000

**Total Special Assessment Revenue Bonds** 

<sup>\*</sup> Underlying ratings: Moody's/Standard & Poor's/Fitch Ratings

# **Revenue Bonds: Special Assessment**

## As of 9/30/2018 AGGREGATE DEBT SERVICE SCHEDULE

Fiscal					Fiscal Year		Outstanding	Percent
Year	Principal		Interest	Debt Service			Debt (FYE)	Outstanding <sup>(1)</sup>
2019	\$ 8,595,000	\$	226,494	\$	8,821,494	\$	9,265,000	51.88%
2020	8,540,000		83,417		8,623,417		725,000	4.06%
2021	725,000		6,054		731,054		-	0.00%
	\$ 17,860,000	\$	315,964	\$	18,175,964			

<sup>(1)</sup> Percentage of Amount Outstanding at fiscal year end 2018

## **Revenue Bonds: Special Assessment**

#### \$42,835,000 HILLSBOROUGH COUNTY, FLORIDA Capacity Assessment Special Assessment Revenue Note Series 2015

DATED:	September 4, 2015	Ratings	Underlying	Insured *
DELIVERED:	September 4, 2015	Moody's		None
Initial Call Date / Price:	Not subject to Optional Redemption prior to maturity.	S&P		None
True Interest Cost (TIC):	1.670023%	Fitch		None
Arbitrage Yield:	1.670023%			

#### PURPOSE

To refund the County's outstanding Capacity Assessment Special Assessment Revenue Bonds, Series 2006

## SECURITY

Non-Ad Valorem Special Capacity Assessments levied within the beneficial Capacity Assessment Units set forth in the Bond Resolution. The bonds shall not constitute general obligations or indebtedness of the County.

Coupon Date	Principal	Bond Type	Coupon Rate	Interest		Periodic Debt Service	Fiscal Year Debt Service**	Outstanding Debt		Percent Outstanding
03/01/2019	\$ 8,595,000		1.67%	\$ 149,131.00	\$	8,744,131.00		\$	9,265,000	21.63%
09/01/2019				77,362.75		77,362.75	8,821,493.75		9,265,000	21.63%
03/01/2020	8,540,000		1.67%	77,362.75		8,617,362.75			725,000	1.69%
09/01/2020				6,053.75		6,053.75	8,623,416.50		725,000	1.69%
03/01/2021	725,000		1.67%	6,053.75		731,053.75			-	0.00%
09/01/2021				-		-	731,053.75		-	0.00%
	\$ 17,860,000			\$ 315,964	\$	18,175,964	\$ 18,175,964			

\*\* Modified Accrual Basis

Appendix A: Terminology of Debt Types Issued by the County

## TYPES OF DEBT ISSUED BY THE COUNTY

## **REVENUE DEBT: BONDS, NOTES AND GOVERNMENTAL LOANS**

The issuance of revenue debt is usually subject to fewer and less severe restrictions than imposed on general obligation debt. This is because the purpose of such restrictions is to minimize the loss of popular control over the public purse (i.e., to protect future taxpayers against heavy tax burdens they must bear without their consent). Since the County cannot be compelled to levy taxes or fees, other than those specific taxes or fees pledged to revenue debt, future taxpayers are not burdened with the debt service associated with revenue debt. Therefore, the same level of restrictions is not necessary. Nevertheless, in the case where a revenue source such as a sales tax or franchise fee flows to the General Fund to offset operating expenses, the utilization of such revenues as a security pledge for bond indebtedness will have a direct impact on General Fund revenues. Thus, in order to maintain the same level of general services, the issuer may need to identify other supplemental revenues or reduce operating costs.

**Self-Supporting Revenue Debt.** The source of funds supporting an issuance of self-supporting revenue debt is usually the receipts from the operation of a facility or enterprise (e.g. a solid waste resource recovery facility or utility system) built with bond proceeds. As such revenues are received, they immediately become subject to the pledge established by the indenture or resolution that such revenues are received by the issuer to: (i) be held in trust for the benefit of the bond or note holder; and, (ii) be applied solely as specified in the indenture or resolution. In accordance with this quasi-fiduciary relationship, it is provided that, upon receipt of the revenues, they are to be deposited into a Trust Fund which is usually deemed the "Revenue Fund."

As stated above, repayment of revenue debt is dependent upon a particular source of funds, not upon any general governmental commitment to provide the amount needed for payment. Therefore, it is essential that the funds flowing from such a revenue source be allocated exclusively for such payment, for building required reserves, and for operating the project or program which generated the funds. Surplus funds may be applied for other uses. Such exclusive allocation is achieved by means of: (1) formally pledging all funds flowing from the source as security for the bonds or notes; (2) specifying the manner of its application, including restrictions on the alternative application of any surplus; and, (3) covenanting not to apply any such funds except as so specified. Most bond or note resolutions include a requirement that the issuer (such as the County's water/wastewater utility system) charge rates high enough to produce system revenues sufficient to pay not only operating expenses and debt service, but also to provide an adequate margin to protect bond or note holders should there be an unforeseen revenue shortfall. Most such margins are in the range of 25% to 40% of annual debt service, depending primarily on the strength of the revenue source.

**Commercial Paper (CP).** The most common type of CP is short-term, unsecured promissory notes issued by organizations of recognized credit quality. While corporations usually issue CP on an unsecured basis, legal differences normally require that municipal issuers secure CP with a specific pledge. CP is issuable in virtually any amount at any time on very short notice. The dollar amount of each maturity is usually tailored to the needs of the issuer on the date the notes are brought to market. Virtually all municipal CP is supported by a credit facility from a commercial bank (e.g. letter of credit). The funds available under this credit facility are generally sufficient to pay the outstanding principal of and interest on the CP. Bank-supported facilities can take various forms.

Credit ratings by at least one of the major rating agencies (Moody's, Standard & Poor's, Fitch) are essential to enable a CP issuer to reach a broad range of investors, obtain competitive interest rates and be able to issue CP in amounts consistent with its overall program. The best or "prime" ratings are P-1 by Moody's, A-1+ by Standard and Poor's and F-1+ by Fitch, which are the ratings of the County's CP.

CP has many advantages when used in a suitable borrowing situation. Relative to other short-term financing options, the short average maturity of CP results in significant interest rate savings in most economic environments. The effect of this lower average interest rate is a decrease in the overall borrowing costs of the County. Principal amounts and maturities ranging from 1 to 270 days can be tailored to meet the County's changing financial needs in amounts up to the Board authorized limit established by the CP resolution. Finally, CP has the lowest issuance costs of any long- or short-term, public or private placement financing alternative.

Appendix B: Hillsborough County Debt Capacity Analysis

## **Debt Capacity Analysis**

#### Table 1

#### Hillsborough County Debt Capacity Analysis Non Enterprise Debt Secured by Major Revenues (Amounts in 000s) General Governmental Use

Description		Local overnment Half Cent ales Tax <sup>(1,8)</sup>	Guaranteed Entitlement <sup>(2)</sup>	Communications Services Tax <sup>(10)</sup>	C Ir	ounty Share ommunity nvestment ax (CIT) <sup>(1,4)</sup>
FYE 9/30/18 Revenues <sup>(3)</sup>	\$	110,711	\$ 6,752	\$ 12,943	\$	66,005
Existing Debt (Maximum Annual Debt Service)						
\$38,130,000 Series 2012 A CIT Refunding Revenue Bonds		-	-	-		3,972
\$51,625,000 Series 2012 B CIT Refunding Revenue Bonds		-	-	-		5,923
\$67,445,000 Series 2012 CIP Revenue Bonds		5,580				
\$67,800,000 Series 2015 CST Revenue Bond				4,053		
\$139,215,000 Series 2015 CIT Refunding Bonds		-	-	-		20,726
\$19,756,000 Series 2015 Court Facilities Revenues Note <sup>(9)</sup> \$18,185,000 Series 2016 Capital Improvement Program Refunding Revenue		-	-	-		2,029
Bonds		2,748				
\$27,216,000 Series 2017 CIP Revenue Note		6,666				
\$61,135,000 Series 2018 CIT Refunding Bonds		-				28,700
Total Maximum Annual Debt Service	\$	14,994	\$ -	\$ 4,053	\$	61,349
Available Revenues <sup>(5)</sup>	\$	95,718	\$ 6,752	\$ 8,890	\$	4,656
Estimated Unused Revenue Debt Capacity <sup>(6,7)</sup>	\$	1,030,472	\$ 89,217	\$ 53,836	\$	21,847

(1) Assumes a 1.35 X Coverage Requirement.

(2) Assumes a 1.10 X Coverage Requirement; Pursuant to the Revenue Sharing Act, commencing July 1, 2004, the County can assign, pledge or set aside as a trust for debt service on bonds or other indebtedness, an amount up to 50% of its Revenue Sharing Moneys received in the prior state fiscal year

(3) Source: Hillsborough County Clerk of the Circuit Court.

(4) The County's share of such revenues is determined by Florida Statutes 218.62 to be about 73.8525% of collections after the following deductions: 25% of total collections are paid to the Hillsborough County School District and, on average, about \$9,685,000 is paid to the Tampa Sports Authority, all as set forth in the Interlocal Agreement for Distribution of Community Investment Tax dated July 17, 1996 between the County, the School District, and the Cities of Tampa, Temple Terrace and Plant Citv.

(5) Revenues less Maximum Annual Debt Service.

(6) Assumes AAA/AAA rated debt with average interest rate of 5.5%. Estimated Unused Revenue Debt Capacity is determined by dividing Available Revenues by the applicable coverage factor, and then calculating the amount of debt which can be supported by those revenues assuming the 5.5% average interest rate and a 30 year amortization of debt for Half-Cent Sales Tax, Communication Services Tax and for Guaranteed Entitlement, and 8 years for CIT.

(7) Capacity exceeds amount available to fund projects by amount necessary to pay financing costs and fund reserve accounts

(8) Local government half-cent sales tax revenues are used to pay debt service on other debt including bonds secured by the County's covenant to budget and appropriate from non-ad valorem revenues, such as: the Capital Improvement Non-Ad Valorem Refunding Revenue Note, Series 2017 (Warehouse and Sheriff's Facilities Project) and the Tax-Exempt Commercial Paper.

(9) The Series 2015 Note is secured by a lien on the CIT and Court Surcharge revenue. Pursuant to resolution R15-182, the CIT lien may be released if the conditions of section 33 of the Master resolution (resolution R05-148) are satisfied, and the owner of the Note consents to the release of the lien and pledge of the CIT revenues.

(10) Assumes a 1.50 X Coverage Requirement; only 62.5% of the Communications Services Tax is available for additional bonding capacity given 37.5% of it has been committed for public safety uses.

# **Debt Capacity Analysis**

## Table 2

## Hillsborough County Debt Capacity Analysis Non Enterprise Fund Debt (Amounts in 000s) Road/Transportation Related Use

	\	/oted	Lo	cal Option	0	County	(	Constitution	al Fu	el Tax <sup>(4)</sup>
Description	Fuel Tax (9th Cent) <sup>(1)</sup>			Fuel Tax th Cent) <sup>(2)</sup>		uel Tax th Cent)		20%		80%
FYE 9/30/18 Revenues <sup>(3)</sup>	\$	7,438	\$	28,236	\$	5,467	\$	2,482	\$	9,928
Existing Debt (Maximum Annual Debt Service)										-
Total Maximum Annual Debt Service	\$	-	\$	-	\$	-	\$	-	\$	-
Available Revenues <sup>(5)</sup>	\$	7,438	\$	28,236	\$	5,467	\$	2,482	\$	9,928
Estimated Unused Revenue Debt Capacity <sup>(6,7)</sup>		N/A	\$	257,511	\$	49,860	\$	22,635	\$	90,541

(1) The funds are used for operational expenses only and therefore, not used for the calculation of debt capacity.

(2) For Transportation related expenses, including reduction of bonded indebtedness.

(3) Source: Hillsborough County Clerk of the Circuit Court.

(4) For acquisition, construction and maintenance of roads.

(5) Revenues less Maximum Annual Debt Service.

(6) Capacity exceeds amount available to fund projects by amount necessary to pay financing costs and fund reserve accounts.

(7) Assumes Aaa/AAA rated, 25 year issue with average interest rate of 5.3% and 1.5X coverage requirement. Estimated Unused Revenue Debt Capacity is determined by dividing Available Revenues by the applicable coverage factor, and then calculating the amount of debt which can be supported by those revenues assuming the 5.3% average interest rate and a 25 year amortization of debt.

# **Debt Capacity Analysis**

## Table 3

## Hillsborough County Debt Capacity Analysis Non Enterprise Fund Debt (Amounts in 000s) Restricted Revenues

Description	Deve	ourist elopment Tax Cent) <sup>(1)</sup>	Tourist Development Tax (5th Cent) <sup>(2)</sup>		
	(41)	r cent)	ຸວເ	n cent)	
FYE 9/30/18 Revenues <sup>(3)</sup>	\$	6,726	\$	6,726	
Existing Debt (Maximum Annual Debt Service)					
\$12,875,000 Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds, Series 2017A \$22,020,000 Fourth Cent Tourist Development Tax Refunding and Improvement Revenue Bonds, Series 2017B		1,073 1,553			
\$39,075,000 Fifth Cent Tourist Development Tax Refunding Revenue Bonds, Series 2016		- -		2,087	
Total Maximum Annual Debt Service	\$	2,626	\$	2,087	
Available Revenues <sup>(4)</sup>	\$	4,100	\$	4,638	
Estimated Unused Revenue Debt Capacity <sup>(5)</sup>	\$	39,723	\$	44,942	

(1) These revenues are also used to pay debt service on that portion of the Series 2016 Capital Improvement Program Refunding Revenue Bonds that refunded the Series 2006 Capital Improvement Program Refunding Revenue Bonds which refunded the Series 1996 Capital Improvement Program Refunding Revenue Bonds in FY06, which originally financed George M. Steinbrenner Field (formerly known as Legends Field), the spring training facility for the New York Yankees.

(2) These revenues are also used to pay debt service on that portion of the Series 2015 Tampa Bay Arena Refunding Revenue Note which refunded the Series 2005 Tampa Bay Arena Refunding Revenue Bonds, which refunded the Series 1995 Bonds originally financing Tampa Bay Arena Project.

(3) Source: Hillsborough County Clerk of the Circuit Court.

(4) Revenues less Maximum Annual Debt Service.

(5) Assumes Aaa/AAA rated, 30 year debt with average interest rate of 5.5%. Estimated Unused Revenue Debt Capacity is determined by dividing Available Revenues by the applicable coverage factor of 1.5X, and then calculating the amount of debt which can be supported by those revenues assuming the 5.5% average interest rate and a 30 year amortization of debt.

Appendix C: Comparison of Outstanding Governmental-type Debt and Debt Ratios with Other Comparable Size Florida Counties

### **Governmental Activities Debt Ratio Comparison**

## Fiscal Year 2017

	н	illsborough	F	lillsborough			I	Miami-Dade	J	acksonville/	Or	ange without	Palm Beach	Pinellas
	v	/TSA Debt		County	Br	oward County		County		Duval		TDT	County	County
Population (actual)		1,379,302		1,379,302		1,873,970		2,743,095		936,811		1,313,880	1,414,144	962,003
Taxable Assessed Property Value (\$000s)	\$	86,207,952	\$	86,207,952	\$	162,869,430	\$	250,390,065	\$	49,946,100	\$	109,249,340	\$ 176,634,918	\$ 68,171,229
GO Debt (\$000s)	\$	59,020	\$	59,020	\$	221,269	\$	1,700,151	\$	-	\$	-	\$ 111,216	\$ -
GO Debt per Capita	\$	42.79	\$	42.79	\$	118.07	\$	619.79	\$	-	\$	-	\$ 78.65	\$ -
GO Debt as a % of Taxable Value		0.07%		0.07%		0.14%		0.68%		0.00%		0.00%	0.06%	0.00%
Non-Self Supporting Revenue Debt (\$000s)	\$	666,402	\$	586,727	\$	318,340	\$	2,936,810	\$	2,231,145	\$	279,563	\$ 845,987	\$ 9,019
Non-Self Supporting Revenue Debt per Capita	\$	483.14	\$	425.38	\$	169.87	\$	1,070.62	\$	2,381.64	\$	212.78	\$ 598.23	\$ 9.37
Non-Self Supporting Revenue Debt as a % of		0.77%		0.68%		0.20%		1.17%		4.47%		0.26%	0.48%	0.01%
Direct Debt (\$000s)	\$	725,422	\$	645,747	\$	539,609	\$	4,636,961	\$	2,231,145	\$	279,563	\$ 957,203	\$ 9,019
Direct Debt per Capita	\$	525.93	\$	468.17	\$	287.95	\$	1,690.41	\$	2,381.64	\$	212.78	\$ 676.88	\$ 9.37
Direct Debt as a % of Taxable Value Excluding Capital leases		0.84%		0.75%		0.33%		1.85%		4.47%		0.26%	0.54%	0.01%

NOTE: All comparative data is as of Semptember 30, 2017 and was found in the respective CAFRs for each county.

Appendix D: Hillsborough County, Florida Historical Bond Debt Service Coverage of Bonds Secured by a Covenant to Budget and Appropriate Non-Ad Valorem Revenues Fiscal Years Ended September 30, 2014 through September 30, 2018

## Historical Bonds Debt Service Coverage

#### BONDS SECURED BY COVENANT TO BUDGET AND APPROPRIATE NON-AD VALOREM REVENUES FISCAL YEARS ENDED SEPTEMBER 30, 2014 THROUGH SEPTEMBER 30, 2018

(Amounts in Thousands)

Year Ended September 30 (audited data except where noted)	2014	2015	2016	2017	2018
(4)(2)					(unaudited)
Major Non-Ad Valorem Revenue Sources <sup>(1)(2)</sup>					
Guaranteed Entitlement	1,836	1,836	1,836	1,836	1,836
Second Guaranteed Entitlement	4,917	4,917	4,917	4,917	4,917
Available Half-Cent Sales Tax	79,030	88,935	91,673	95,745	95,718
Available Communication Service Tax <sup>(3)</sup>	15,091	14,555	9,557	9,307	8,890
Beverage License Fees	475	813	467	436	486
Mobile Home Fees	432	415	421	403	399
Clerk Of Circuit Excess Court Fees					
Clerk Of Circuit Court Excess Other Fees <sup>(4)</sup>	368	1,279	1,163	1,561	443
Professional And Occupational License Fees	1,358	1,547	1,532	1,424	1,529
Available 5th Cent Tourist Development Tax <sup>(5)</sup>	2,970	3,630	4,145	4,130	4,638
Arena Ticket Surcharge Revenues <sup>(6)</sup>	377	377	309	429	410
Total	106,854	118,303	116,020	120,188	119,265
Non-Ad Valorem Maximum Annual Debt Service <sup>(7)</sup>					
1998/2008 CIP Non-Ad Valorem Refund. Rev. Bonds (8)	1,442	1,442			
2014/2018 CIP Commercial Paper Program <sup>(9)</sup>	5,809	3,254	4,470	4,136	1,502
1995/2005 Arena Refunding Revenue Bonds (12)	1,309	1,307	,		
2015 Court Facilities Refunding Revenue Notes	.,	.,	2,030	2,030	2,029
2015 Tampa Bay Arena Refunding Revenue Note <sup>(10)</sup>			1,159	1,159	1,159
2017 Capital Improvement Non-Ad Valorem Refunding Revenue Note (11)			,	1,331	1,331
Total	8,560	6,003	7,659	8,656	6,021
Debt Service Coverage	12.48 x	19.71 x	15.15 x	13.89 x	19.81 x

(1) Does not include the Community Investment Tax proceeds which are payable to the County nor any indebtedness pledging the Community Investment Tax proceeds. The County has, by ordinance, limited the use of such funds to projects expressly approved by the Board as specified in the procedure set forth in the enacting ordinance.

- (2) The amounts shown are the county's major sources of Non-Ad Valorem Revenues that are available for the payment of debt service on the outstanding Bonds. In addition, the County has other significant non-ad valorem revenue sources, however, these revenues
- (3) The amount shown as "Available" Communications Service Tax are 62.5% of total CST collections with the remaining specifically allocated to public safety.
- (4) The Clerk of the Circuit Court has no expectation that this revenue source will continue in the future.
- (5) The amount shown is total Fifth Cent TDT collections less maximum annual debt service on Fifth Cent TDT pledged bonds. This excess may not be used to pay any of the items in the "Non-Ad Valorem Maximum Annual Debt Service" section of the table except for the 2015 Arena Refunding Revenue Note and is not legally available to pay debt service on the Capital Improvement Non-Ad Valorem Refunding Revenue Bonds (Warehouse and Sheriff's Facilities Project), or the 2017 Capital Improvement NAV Refunding Revenue Note.
- 6) Upon the issuance of the 2005 Arena Refunding Revenue Bonds (which were subsequently refunded by the 2015 Arena note) the surcharges were included as part of the lease payments paid to the County for use of the Arena. Due to a cap on the amount of surcharges that may be collected without impacting the tax exempt status of the 2005 Bonds and 2015 Note, the County anticipates cessation of such payments by the TSA in the future, the timing of which depends on the rate of receipt of such revenues. The Surcharge has been revenue of the TSA and thus is not shown in the County's audited Financial Statements.
- (7) Consists of County debt issues that are secured by a covenant to budget and appropriate legally available County Non-ad Valorem revenue, which include the County's obligations under certain Interlocal Agreements. Debt service coverage for the year ended September 30, 2016 is not materially affected by debt service on bonds delivered after September 30, 2017 either to refund any of this debt, to refund debt for which debt service has been netted from major non-ad valorem revenue shown above, or to repay debt issued to fund new projects.
- (8) The 2008 Capital Improvement Non-Ad Valorem Refunding Revenue Bonds (Warehouse and Sheriff's Facilities Projects) were refunded in September 2017 by the 2017 Capital Improvement NAV Refunding Revenue Note.
- (9) For the purpose of calculating maximum annual debt service, outstanding commercial paper is amortized over 30 years utilizing the Bloomberg MuniBond 30 Year Yield.
- (10) The 1995 Bonds were refunded in June 2005 by the 2005 Tampa Bay Arena Refunding Revenue Bonds, which in turn were refunded in November 2015 by the 2015 Note.
- (11) The 2017 Capital Improvement NAV Refunding Revenue Note, was issued in September 2017 for the purposes of refunding the 2008 Capital Improvement Non-Ad Valorem Refunding Revenue Bonds

Appendix E Rating Definitions

### **Fitch Ratings – Rating Definitions**

Fitch investment grade bond ratings provide a guide to investors in determining the credit risk associated with a particular security. The ratings represent Fitch's assessment of the issuer's ability to meet the obligations of a specific debt issue or class of debt in accordance with the terms on which they invested.

The rating takes into consideration special features of the issue, its relationship to other obligations of the issuer, the current and prospective financial condition and operating performance of the issuer and guarantor, as well as the economic and political environments that might affect the issuer's future financial strength and credit quality.

Fitch ratings do not reflect any credit enhancement that may be provided by insurance policies or financial guaranties unless otherwise indicated.

Bonds that have the same rating are of similar but not necessarily identical credit quality since the rating categories do not fully reflect small differences in the degree of credit risk.

Fitch ratings are not recommendations to buy, sell or hold any security. Ratings do not comment on the adequacy of market price, the suitability of any security for a particular investor, or the tax-exempt nature or taxability of payments made in respect of any security.

Fitch ratings are based on information obtained from issuers, other obligors, underwriters, their experts, and other sources Fitch believes to be reliable. Fitch does not audit or verify the truth or accuracy of such information. Ratings may be changed, suspended or withdrawn as a result of changes in, or the unavailability of, information or for other reasons.

	Fitch Investment Grade Bond Ratings:
AAA/ F1+	Bonds considered to be investment grade and of the highest credit quality. The obligor has an exceptionally strong ability to pay interest and repay principal, which is unlikely to be affected by reasonably foreseeable events. Short-term debt of this grade is rated "F1+".
AA/ F1+	The obligor's ability to pay interest and repay principal is very strong, although not quite as strong as bonds rated 'AAA'. Bonds rated in the 'AAA' and 'AA' categories are not significantly vulnerable to foreseeable future developments. Short-term debt of this grade is generally rated "F1+".
A/F1	Bonds considered to be investment grade and of high credit quality. The obligor's ability to pay interest and repay principal is considered to be strong, but may be more vulnerable to adverse changes in economic conditions and circumstances than bonds with higher ratings. Short-term debt of this grade is rated "F1".
BBB/F2 or F3	The obligor's ability to pay interest and repay principal is considered to be adequate. Adverse changes in economic conditions and circumstances, however, are more likely to have adverse impact on these bonds and, therefore, impair timely payment. The likelihood that the ratings of these bonds will fall below investment grade is higher than for bonds with higher ratings. Short-term debt of this grade is rated "F2" or "F3".
+/-	Plus and minus signs are used with a rating symbol to indicate the relative position of a credit within the rating category. Plus and minus signs, however, are not used in the 'AAA' category.
NR	Indicates that Fitch does not rate the specific issue.
Suspended	A rating is suspended when Fitch deems the amount of information available from the issuer to be inadequate for rating purposes.
Withdrawn	A rating will be withdrawn when an issue is no longer rated by Fitch. This occurs when an issue matures, or is called or refinanced, or when certain other credit events occur. When a public rating is withdrawn, Fitch will issue a Rating Action Commentary that details the current rating and Outlook or Watch status (if applicable), a statement that the rating is withdrawn and the reason for the withdrawal.
Ratings Outlook	An outlook is used to describe the most likely direction of any rating change over the intermediate term. It is described as Positive or Negative. The absence of a designation indicates a stable outlook.

### Moody's Investors Service – Rating Definitions

Moody's long-term issue credit ratings evaluate the relative credit risk of credit obligations with an original maturity of at least one year. These ratings address the possibility that an issuer (Hillsborough County for purposes of this report) will not honor the obligation as promised, and reflect both the likelihood of default and any financial loss suffered in the event of default.

Short-term ratings evaluate the ability of issuers to honor credit obligations which generally have an original maturity of no more than 13 months. Unlike long-term ratings, which are credit-specific, Moody's short-term ratings evaluate an issuer's ability to repay its short-term obligations in aggregate. The rating is global in scope and applies to all of an issuer's senior, unsecured short-term obligations. Not than an exception to the global nature of this type of rating would occur if an issuer's rating is supported by another entity through vehicles such as letters of credit or guarantees.

## Long-term Issue Credit Ratings

Moody's has nine basic rating categories for long-term obligations. They range from Aaa (highest quality) to C (lowest quality).

Moody's applies numerical modifiers 1, 2, and 3 in each generic rating classification from Aa to Caa. The Modifier 1 indicates that the issue ranks in the higher end of its generic rating category; the modifier 2 indicates a mid-range ranking; and the modifier 3 indicates that the issue ranks in the lower end of its generic category. Advance refunded issues that are secured by escrowed funds held in cash, held in trust, reinvested in direct non-callable United States government obligations, or non-callable obligations unconditionally guaranteed by the United States government are identified with a # (number) symbol, e.g. # Aaa.

**Aaa.** Bonds that are rated Aaa are judged to be of the best quality. They carry the smallest degree of investment risk and are generally referred to as "gilt-edged". Interest payments are protected by a large or exceptionally stable margin, and principal is secure. While the various protective elements are likely to change, such changes as can be visualized are most unlikely to impair the fundamentally strong position of such issues.

**Aa.** Bonds are rated Aa are judged to be of high quality by all standards. Together with the Aaa group, they comprise what are generally known as high grade bonds. They are rated lower than the best bonds because margins of protection may not be as large as in Aaa securities, or fluctuation of protective elements may be of greater amplitude, or there may be other elements present that make the long-term risks appear somewhat larger than in Aaa securities.

**A.** Bonds that are rated A possess many favorable investment attributes and are to be considered as upper medium grade obligations. Factors giving security to principal and interest are considered adequate, but elements may be present that suggest a susceptibility to impairment at some time in the future.

**Baa.** Bonds that are rated Baa are considered to be medium grade debt obligations, i.e., they are neither highly protected nor poorly secured. Interest payments and principal security appear adequate for the present but certain protective elements may be lacking or may be characteristically unreliable over any great length of time. Such bonds lack outstanding investment characteristics and in fact have speculative characteristics as well.

**Ba.** Bonds that are rated Ba are judged to have speculative elements; their future cannot be considered as well-assured. Often the protection of interest and principal payments may be very moderate and thereby not well-safeguarded during both good and bad times over the future. Uncertainty of position characterizes bonds in this class.

**B.** Bonds that are rated B generally lack characteristics of the desirable investment. Assurance of interest and principal payments or maintenance of other terms of the contract over any long period of time may be small.

**Caa.** Bonds that are rated Caa are of poor standing. Such issues may be in default or there may be present elements of danger with respect to principal or interest.

**Ca.** Bonds that are rated Ca represent obligations that are speculative in a high degree. Such issues are often in default or having other marked shortcomings.

**C.** Bonds that are rated C are the lowest-rated class of bonds, and issues so rated can be regarded as having extremely poor prospects of ever attaining any real investment standing.

**Con. (...)** Bonds for which the security depends upon the completion of some act or the fulfillment of some condition are rated conditionally. These bonds are secured by: (a) earnings of projects under construction, (b) earnings of projects unseasoned in operating experience, (c) rentals that begin when facilities are completed, or (d) payments to which some other limiting condition attaches. Parenthetical rating denotes probable credit stature upon completion of construction or elimination of basis of condition.

## **Short-Term Issue Credit Ratings**

P-1. Issuers (or supporting institutions) rated Prime-1 have a superior ability to repay short-term debt obligations.

P-2. Issuers (or supporting institutions) rated Prime-2 have a strong ability to repay short-term debt obligations.

P-3. Issuers (or supporting institutions) rated Prime-3 have an acceptable ability to repay short-term debt obligations.

**NP.** Issuers (or supporting institutions) rated Not Prime do not fall within any of the Prime rating categories.

## Standard & Poor's Ratings Service – Issue Credit Ratings

A Standard & Poor's issue credit rating is a current opinion of the creditworthiness of an obligor with respect to a specific financial obligation, a specific class of financial obligations, or a specific financial program (including ratings on medium-term note programs and commercial paper programs). It takes into consideration the creditworthiness of guarantors, issuers, or other forms of credit enhancement on the obligation and takes into account the currency in which the obligation is denominated.

Issue credit ratings can be either long-term or short-term. Short-term ratings are generally assigned to obligations with an original maturity of no more than 365 days – including commercial paper. Medium-term notes are assigned long-term ratings.

## Long-term Issue Credit Ratings

Issue credit ratings are based, in varying degrees, on the following considerations:

- 1. Likelihood of payment capacity and willingness of the obligor to meet its financial commitments on an obligation in accordance with the terms of the obligation;
- 2. Nature and provisions of the obligation;
- 3. Protection afforded by, and relative position of, the obligation in the event of bankruptcy, reorganization, or other arrangement under the laws of bankruptcy and other laws affecting creditors' rights.

The issue rating definitions are expressed in terms of default risk. As such, they pertain to senior obligations of an entity. Junior obligations are typically rated lower than senior obligations, to reflect the lower priority in bankruptcy, as noted above. (Such differentiation applies when an entity has both senior and subordinated obligations, secured and unsecured obligations, or operating company and holding company obligations.) Accordingly, in the case of junior debt, the rating may not conform exactly to the category definition.

**AAA.** An obligation rated 'AAA' has the highest rating assigned by Standard & Poor's. The obligor's capacity to meet its financial commitment on the obligation is extremely strong.

**AA.** An obligation rated 'AA' differs from the highest rated obligations only in small degree. The obligor's capacity to meet its financial commitment on the obligation is very strong.

**A.** An obligation rated 'A' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher-rated categories. However, the obligor's capacity to meet its financial commitment on the obligation is still strong.

**BBB.** An obligation rated 'BBB' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.

Obligations rated 'BB', 'B', 'CCC', 'CC', and 'C' are regarded as having significant speculative characteristics. 'BB' indicates the least degree of speculation and 'C' the highest. While such obligations will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.

**BB.** An obligation rated 'BB' is less vulnerable to nonpayment than other speculative issues. However, it faces major ongoing uncertainties or exposure to adverse business, financial, or economic conditions which could lead to the obligor's inadequate capacity to meet its financial commitment on the obligation.

**B.** An obligation rated 'B' is more vulnerable to nonpayment than obligations rated 'BB', but the obligor currently has the capacity to meet its financial commitment on the obligation. Adverse business, financial, or economic conditions will likely impair the obligor's capacity or willingness to meet its financial commitment on the obligation.

**CCC.** An obligation rated 'CCC' is currently vulnerable to nonpayment, and is dependent upon favorable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation. In the event of adverse business, financial, or economic conditions, the obligor is not likely to have the capacity to meet its financial commitment on the obligation.

**CC.** An obligation rated 'CC' is currently vulnerable to nonpayment. A default has not yet occurred but is regarded as a virtual certainty, regardless of the anticipated time to default.

**C.** A subordinated debt or preferred stock obligation rated 'C' is CURRENTLY HIGHLY VULERNABLE to nonpayment, and the obligation is expected to have lower relative seniority or lower ultimate recovery compared with obligations that are rated higher.

**D.** An obligation rated 'D' is in payment default or in breach of an imputed promise. The 'D' rating category is used when payments on an obligation are not made on the date due or within a stated grace period. The 'D' rating will also be used upon the filing of a bankruptcy petition or the taking of similar action and where default on an obligation is a virtual certainty. A rating is lowered to 'D' if it is subject to a distressed exchange offer.

**Plus (+) or minus (-).** The ratings from 'AA' to 'CCC' may be modified by the addition of a plus or minus sign to show relative standing within the major rating categories.

**R.** An obligor rated 'R' is under regulatory supervision owing to its financial condition. During the period of the regulatory supervision, regulators may have the power to favor one class of obligations over others, or pay some obligations and not others.

**SD** and **D**. An obligor is rated 'SD' (selective default) or 'D' if a default has occurred on one or more of its financial obligations, including short-term, long-term, rated, and unrated obligations (excluding certain hybrid instruments). A'D' rating is assigned when it is believed that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. An 'SD' rating is assigned when it is believed that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner. A rating on an obligor is lowered to 'D' or 'SD' if it is conducting a destressed exchange offer.

## **Short-Term Issue Credit Ratings**

**A-1.** A short-term obligation rated 'A-1' is rated in the highest category by Standard & Poor's. The obligor's capacity to meet its financial commitment on the obligation is strong. Within this category, certain obligations are designated with a plus sign (+). This indicates that the obligor's capacity to meet its financial commitment on these obligations is extremely strong.

**A-2.** A short-term obligation rated 'A-2' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher rating categories. However, the obligor's capacity to meet its financial commitment on the obligation is satisfactory.

**A-3.** A short-term obligation rated 'A-3' exhibits adequate capacity. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.

**B.** A short-term obligation rated 'B' is regarded as having significant speculative characteristics. The obligor currently has the capacity to meet its financial commitment on the obligation; however, it faces major ongoing uncertainties which could lead to the obligor's inadequate capacity to meet its financial commitment on the obligation.

**C.** A short-term obligation rated 'C' is currently vulnerable to nonpayment and is dependent upon favorable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation.

**R.** The obligor is under regulatory supervision due to its financial condition. Regulators may have the power to favor one class of obligations over others, or pay some obligations and not others, for the duration of the supervisory period.

**SD** and **D**. An obligor is rated 'SD' (selective default) or 'D' if a default has occurred on one or more of its financial obligations, including short-term, long-term, rated, and unrated obligations (excluding certain hybrid instruments). A'D' rating is assigned when it is believed that the default will be a general default and that the obligor will fail to pay all or substantially all of its obligations as they come due. An 'SD' rating is assigned when it is believed that the obligor has selectively defaulted on a specific issue or class of obligations but it will continue to meet its payment obligations on other issues or classes of obligations in a timely manner. A rating on an obligor is lowered to 'D' or 'SD' if it is conducting a destressed exchange offer.

## Local Currency and Foreign Currency Risks

Country risk considerations are a standard part of Standard & Poor's analysis for credit ratings on any issuer or issue. Currency of repayment is a key factor in this analysis. Foreign currency issuer ratings are distinguished from local currency issuer ratings to identify those instances where sovereign risks make them different for the same issuer.

