

**CITY OF ORLANDO, FLORIDA**  
**BOND DISCLOSURE**  
**SUPPLEMENT**



*Orlando Citrus Bowl*



FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2015

# **BOND DISCLOSURE SUPPLEMENT**

**City of Orlando, Florida**

For the Fiscal Year Ended September 30, 2015



Prepared by:  
Office of Business and Financial Services



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# CITY OF ORLANDO

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January 31, 2016

Mayor Buddy Dyer  
and City Commissioners  
City of Orlando, Florida

Subject: Bond Disclosure Supplement

Dear Mayor and City Commissioners:

The City's Bond Disclosure Supplement is prepared in conjunction with the City's Comprehensive Annual Financial Report (CAFR). This Supplement provides updated information on the City and CRA related disclosures that are normally included in an Official Statement.

The City reaffirms its commitment to meet or exceed all established standards for municipal bond disclosure. Specifically, the City will:

1. Provide event related disclosure of interest to bond holders, including but not limited to those required by the Securities Exchange Commission (SEC) Rule 15c2-12;
2. Annually provide financial statements and appropriate supplement disclosures to the Municipal Securities Rulemaking Board's Electronic Municipal Market Access (EMMA) system; and
3. Provide, or will cause to be provided, new Official Statements to the EMMA system.

In addition to reviewing the City and CRA bond programs, we have included the City's Debt Management Policy as well as demonstrated compliance with the constraints of this policy. The City has also included both its Interest Rate Risk Management Products Policy and its Investment Policy Statement to provide full disclosure.

This information is presented to supplement and complement the City's CAFR, not serve as a replacement.

Respectfully submitted,

Rebecca W. Sutton, CPA  
Chief Financial Officer

Attachment

**OFFICE OF BUSINESS AND FINANCIAL SERVICES**

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**CITY OF ORLANDO, FLORIDA  
BOND DISCLOSURE SUPPLEMENT  
FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2015**

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Most cities would be really happy and strive to get where we have gotten, but for us this is **really just the beginning.**

Our region is buzzing about what we've accomplished together.

But, the strength of our City is more than shiny buildings. It's about being named one of the top 10 cities of the future, being one of the nation's happiest cities to work, and being the friendliest city in Florida for small business.

All of this didn't happen by accident. Together as a community, we developed a shared vision for our City and focused on creating partnerships to achieve this vision.

Our vision ensures we are generating jobs, becoming the most sustainable City in the nation, keeping our community safe, making it easier to get around, increasing quality of life and ending homelessness.

I wanted to take an opportunity to share with you some of what we have accomplished over the past year on our key focus areas, along with our vision for the future.

It's easy for us to focus on our large projects that have a huge impact on our City and gain national attention, but it's also the projects that don't grab headlines that are essential to making Orlando a leading City in the world.

Our focus on job creation, sustainability, public safety, transportation options, increasing the quality of life and ending homelessness has been unwavering.



We are also committed to operating the most efficient and effective government possible.

I hope that as you read through our accomplishments in these areas you will be as impressed as I am with all we have been able to accomplish together.

We live in a special city, in a special time and this is

because of all of our partners we have had helping us to create a City that is recognized throughout the world.

I've had the honor of serving as your Mayor at a remarkable point in history with all that we have accomplished together. But just imagine where we will be next year, or ten years from now, as we shape our City for generations ahead.

We have much more to accomplish together.

**Buddy Dyer**  
Mayor, City of Orlando



**CITY OF ORLANDO, FLORIDA**

**COVENANT TO BUDGET AND APPROPRIATE  
BOND DISCLOSURE SUPPLEMENT**

**SUMMARY INFORMATION**

**Outstanding Balance as of September 30, 2015**

<b>Individual Bond Issues:</b>	<b>Outstanding</b>	<b>Rating (1)</b>	<b>Bond Insurer</b>	<b>Liquidity Facility</b>	<b>Paying Agent</b>	<b>Final Maturity</b>
Fixed Rate:						
Capital Improvement Special Revenue Bonds, Series 2007A	3,530,000	Moody's Aa2 S&P AA Fitch AA+	MBIA		Wells Fargo Bank Minnesota, N.A.	4/1/2016
Capital Improvement Special Revenue Bonds, Series 2007B	51,130,000	Moody's Aa2 S&P AA Fitch AA+	MBIA		U.S. Bank Trust, N.A. St. Paul, MN	10/1/2037
Capital Improvement Refunding Special Revenue Bonds, Series 2009B	15,965,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2019
Capital Improvement Refunding Special Revenue Bonds, Series 2010A	4,160,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	4/1/2016
Capital Improvement Refunding Special Revenue Bonds, Series 2010B	17,515,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2022
Capital Improvement Refunding Special Revenue Bonds, Series 2010C	31,300,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2028
Capital Improvement Refunding Special Revenue Bonds, Series 2011A	9,000,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	4/1/2017
Capital Improvement Refunding Special Revenue Bonds, Series 2012A	9,965,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	4/1/2018
Capital Improvement Refunding Special Revenue Bonds, Series 2014A	6,205,000	N/A (3)	N/A		STI Institutional & Government, Inc.	10/1/2022
Capital Improvement Refunding Special Revenue Bonds, Series 2014B	62,205,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2046
Capital Improvement Refunding Special Revenue Bonds, Series 2014C	10,355,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2024
Capital Improvement Refunding Special Revenue Bonds, Series 2014D	12,450,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2025
Capital Improvement Refunding Special Revenue Bonds, Series 2015A	5,705,000	N/A (3)	N/A		Wells Fargo Bank Orlando, FL	10/1/2023
<b>Sub-Total-Fixed</b>	<b>239,485,000</b>					

# CITY OF ORLANDO, FLORIDA

## SUMMARY INFORMATION Outstanding Balance as of September 30, 2015

Individual Bond Issues:	Outstanding	Rating (1)	Bond Insurer	Liquidity Facility	Paying Agent	Final Maturity
Variable Rate:						
SSGFC Commercial Paper Notes Series H Loan #1-Taxable	7,230,000			JP Morgan/Chase	U.S. Bank Trust, N.A. St. Paul, MN	10/1/2019
SSGFC Commercial Paper Notes Series H Loan #3-Tax Exempt	<u>16,659,000</u>			JP Morgan/Chase	U.S. Bank Trust, N.A. St. Paul, MN	10/1/2023
Sub-Total-Variable	<b>23,889,000</b>					
Orlando Venues:(2)						
SSGFC Commercial Paper Notes Series H Loan #4-Tax Exempt	40,000,000			JP Morgan/Chase	U.S. Bank Trust, N.A. St. Paul, MN	10/1/2033
SSGFC Commercial Paper Notes Series H Loan #6-Tax Exempt	50,000,000			JP Morgan/Chase	U.S. Bank Trust, N.A. St. Paul, MN	10/1/2033
Capital Improvement Special Revenue Bonds, Series 2009A	10,725,000	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2022
Capital Improvement Special Revenue Bonds, Series 2009C	<u>40,000,000</u>	Moody's Aa2 S&P AA Fitch AA+	N/A		Wells Fargo Bank Orlando, FL	10/1/2039
Sub-Total-Venues	<b>140,725,000</b>					
State Infrastructure Bank (SIB) Loan SunRail Construction Loan	<u>9,541,879</u>					10/1/2020
Total Covenant Debt Outstanding	<u><b>\$ 413,640,879</b></u>					

### Revenue Pledge:

Primary:	Secondary:
General Fund Covenant Revenues	N/A
Utilities Services Tax Fund Covenant Revenues	

- (1) Does not reflect ratings obtained through the use of municipal bond insurance.  
(2) Orlando Venues Fund borrowings.  
(3) The CISRB, Series 2014A and 2015A Bonds were issued via private placements.

# CITY OF ORLANDO, FLORIDA

## COVENANT TO BUDGET AND APPROPRIATE BONDS

### INTRODUCTION

#### **Covenant Program**

The Covenant to Budget and Appropriate Debt Program is the City's main vehicle for financing general governmental purpose projects. The Program's Outstanding Bonds (see below) and Sunshine State Governmental Financing Commission (the "Commission") Loans (together, the Covenant Debt) are payable from the Covenant Revenues and other legally available revenues of the City actually budgeted and appropriated and deposited into the funds and accounts created and established pursuant to and in the manner provided in the Covenant Ordinance. Until deposited into the funds and accounts created under the Covenant Ordinance, Covenant Revenues are not pledged for the payment of the Covenant Debt and Bondholders will not have a lien thereon. The City has covenanted to the extent permitted by and in accordance with applicable law and budgetary processes, to prepare, approve and appropriate in its annual budget for each fiscal year, by amendment if necessary, and deposit to the credit of the Revenue Account established pursuant to the Covenant Ordinance, Covenant Revenues in an amount which together with other legally available revenues budgeted and appropriated for such purpose equal to the Debt Service Requirement with respect to the Covenant Debt, plus an amount sufficient to satisfy all other payment obligations of the City under the Covenant Ordinance for the applicable fiscal year, including, without limitations, the obligations of the City to fund and cure deficiencies in any sub-accounts in the Reserve Account created under the Covenant Ordinance. Such covenant and agreement on the part of the City to budget and appropriate sufficient amounts of Covenant Revenues shall be cumulative, and shall continue until such Covenant Revenues in amounts, together with any other legally available revenues budgeted and appropriated for such purposes, sufficient to make all required payments under the Covenant Ordinance as and when due, including any delinquent payments, shall have been budgeted, appropriated and actually paid into the appropriate funds and accounts under the Covenant Ordinance. Such covenant shall not preclude the City from pledging in the future any of its Covenant Revenues or other revenues to other obligations.

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

The City has covenanted and agreed in the Covenant Ordinance that for so long as any Bonds are outstanding under the Covenant Ordinance, the City shall continue to deposit to the credit of the City's General Fund and Utilities Services Tax Fund those revenue sources that were deposited to the credit of the General Fund and Utilities Services Tax Fund as provided in the City's Fiscal Year 1992 Annual Budget, excluding, however, any increases or expansions in rates or levies enacted after the effective date of the Covenant Ordinance with respect to such revenue sources that are designated by the City to be deposited other than in the General Fund or the Utilities Services Tax Fund. However, the City has not covenanted to maintain any programs or other activities which generate Covenant Revenues.

#### **Limited Obligations**

All obligations of the City under the Covenant Ordinance shall be secured only by the Covenant Revenues and other legally available revenues actually budgeted and appropriated and deposited into the funds and accounts created in the Covenant Ordinance, as provided for therein. Nothing in the Covenant Ordinance shall be deemed to create a pledge of or lien on the Covenant Revenues, the ad valorem tax revenues, or any other revenues of the City or to permit or constitute a mortgage or lien upon any assets owned by the City. No Bondholder shall ever have the right to compel any exercise of the ad valorem taxing power of the City for any purpose, including, without limitation, to pay the principal of or interest or premium, if any, on the Bonds or to make any other payment required there under or to maintain or continue any of the activities of the City which generate user service charges, regulatory fees or any other Covenant Revenues, nor shall the Bonds constitute a charge, lien or encumbrance, either legal or equitable, on any property, assets or funds of the City. The obligation of the City to budget, appropriate and make payments required by the Covenant Ordinance from its Covenant Revenues is subject to the availability of Covenant Revenues in the General Fund and the Utilities Services Tax Fund after the satisfaction of the funding requirements for obligations having an express lien on or pledge of such revenues and the funding requirements for essential governmental services of the City.

# CITY OF ORLANDO, FLORIDA

## OUTSTANDING INDEBTEDNESS

### Outstanding Bond Issues

As of September 30, 2015, the following bond issues were outstanding under the Covenant Program:

The Series 2007A Bonds were issued to refund the 2007 Designated Maturity of the Series 2004 medium term note Bonds. These Bonds have been named as Designated Maturity Debt, with final maturity of the issuance, including future “rolls” of the existing maturities, planned for no later than fiscal year 2033 (see “Amortization of Variable Rate Bonds and Designated Maturity Debt” herein).

The Series 2007B were issued to finance the acquisition, construction and equipping of capital improvements for public safety, including a fire headquarters building, several new fire stations, a police training facility, and other public safety projects. The Bonds are callable at par beginning on October 1, 2018

The Series 2009A Bonds were issued to finance a portion of the acquisition, construction and development of a structured parking facility and other public improvements related to the new Orlando events center. The Bonds are callable at par beginning October 1, 2019.

The Series 2009B Bonds were issued to refund a portion of the Capital Improvement Refunding Special Revenue Bonds, Series 1998A.

The Taxable Series 2009C Bonds were issued to finance a portion of the acquisition, construction and development of a structured parking facility and other public improvements related to the new Orlando event center. The Series 2009C Bonds were issued as taxable Build America Bonds pursuant to the American Recovery and Reinvestment Act of 2009. The City will be eligible to receive cash subsidy payments from the United States Treasury equal to 35% of the interest payable on the Series 2009C Bonds on each interest payment date. The Bonds are callable at par beginning October 1, 2019.

The Series 2010A Bonds were issued to refund the 2010 Designated Maturities of the Series 2002 and 2005B medium term note Bonds.

The Series 2010B Bonds were issued to refund the remaining portion of the Capital Improvement Refunding Special Revenue Bonds, Series 1998A. The Bonds are callable at par beginning on October 1, 2020.

The Series 2010C Bonds were issued to refund the City’s loan from the Sunshine State Governmental Financing Commission (SSGFC) 1986 Loan Program. The Bonds are callable at par beginning October 1, 2020.

The Series 2011A Bonds were issued to refund the 2011 Designated Maturities of the Series 2004 and 2008A medium term note Bonds.

The Series 2012A Bonds were issued to refund the 2012 Designated Maturities of the Series 2002, Series 2006B and Series 2008A medium term note Bonds.

The Series 2014A Bonds were issued to refund the 2014 Designated Maturities of the Series 2002 and Series 2008A medium term note Bonds.

The Series 2014B Bonds were issued for the acquisition, construction, equipping and installation of municipal capital improvements, including a new Orlando Police Department Headquarters facility, relocation of a radio communications tower, a new Fire Station No. 2 and various systems and lighting upgrades in municipal buildings to achieve energy efficiencies. The Bonds are callable at par beginning October 1, 2025.

The Series 2014C Bonds were issued to refund the Capital Improvement Special Revenue Bonds, Series 2005A.

The Series 2014D Bonds were issued to refund the Capital Improvement Special Revenue Bonds, Series 2006A.

The Series 2015A Bonds were issued to refund the 2015 Designated Maturities of the Series 2007A and Series 2010A medium term note Bonds.

## CITY OF ORLANDO, FLORIDA

Subsequent to September 30, 2015, the following Bonds were issued under the Covenant Program:

- The Series 2016A Bonds were issued to refund the 2016 Designated Maturities of the Series 2007A and 2010A medium term note Bonds.
- The Series 2016B Bonds were issued to refund a portion of the Capital Improvement Special Revenue Bonds, Series 2007B, Series 2009A, and Series 2010C.
- The Series 2016C Bonds were issued for the acquisition, construction, equipping and installation of municipal capital improvements, including a public safety computer-aided dispatch system and such other municipal capital projects as shall be approved by the City.

### **Outstanding Sunshine State Governmental Financing Commission (SSGFC) Loans**

#### SSGFC Series H Commercial Paper Program

The SSGFC created a separate City of Orlando Commercial Paper series, which can be accessed for tax-exempt, alternative minimum tax (AMT), and taxable uses. In September 2004 the City borrowed \$21,630,000 in taxable commercial paper to finance economic development-related Special Assessment loans of which \$14,400,000 was repaid on December 6, 2006. In December 2004 the City borrowed \$18,510,000 in tax-exempt commercial paper to refund commercial paper issued by the City in 1994.

In March 2007, the City borrowed \$50,000,000 in tax-exempt commercial paper to finance land purchases for the planned Events Center. In FY 2008, the City borrowed an additional \$60,000,000 in tax-exempt commercial paper as part of the overall financing plan for the construction of the three Community Venues projects (new Events Center, new Performing Arts Center, and renovated Citrus Bowl Stadium). In FY 2011, the City utilized excess interest earnings on loan proceeds and unneeded capitalized interest to repay \$20,000,000 of the Series H Commercial Paper Loans originally issued to finance the Community Venues projects.

### **State Infrastructure Bank Loan Agreement (the SIB Loan)**

In February 2007, the City approved the SIB Loan Agreement with the Florida Department of Transportation (FDOT). The purpose of the SIB Loan is to provide the City's local funding necessary for the final design of both Phases I and II, right-of-way and track acquisition, vehicle procurement, construction, testing, and start-up of a new Central Florida commuter rail service known as SunRail. The SIB Loan Agreement, as amended in FY13, provides for a total loan amount up to \$14.87 million at an interest rate of 2.45%. The loan will be repaid over a period of ten years. The City has agreed to budget and appropriate General Fund money to repay the obligation.

### **Other Non-Self Sufficient Debt**

#### Contract Tourist Development Tax (TDT) Payments Revenue Bonds, Series 2014A

In March 2014 the City issued \$236,290,000 in Contract TDT Payments Revenue Bonds for the purpose of funding costs for the Performing Arts Center and the Citrus Bowl construction projects. These Bonds are primarily payable by TDT revenues under the Amended and Restated Orlando/Orange County Interlocal Agreement for the Community Venues projects. A Covenant to Budget and Appropriate covenant revenues pledge is included to fund debt service deficiencies. At this time, these Bonds do not meet the definition of self-sufficient debt and are therefore included in the calculation of Maximum Annual Debt Service (MADS) in the following table. However, the City expects these Bonds to become self-sufficient. See further discussion of the TDT Series 2014A Bonds under the "Other Self Sufficient Debt" section.

# CITY OF ORLANDO, FLORIDA

## COVENANT DEBT SCHEDULE OF DEBT SERVICE September 30, 2015

Year Ending Sept. 30	Designated Maturity Debt (1)	Series 2007B, 2009ABC, 2010BC, 2014ABCD, and 2015A (4)	Taxable SSGFC Series H Loan (2)	Tax Exempt SSGFC Series H Refunded 1994 Com.Paper Notes & Venues Loans (2)(3)	Other Non- Self Sufficient Debt (5)	Total	Contract TDT Revenue Bonds Series 2014A (6)	Total Including Contract TDT Revenue Bonds
2016	1,043,450	19,237,111	444,645	6,873,341	1,692,806	29,291,354	11,900,363	41,191,716
2017	830,437	23,781,817	2,196,564	6,785,419	1,691,908	35,286,145	12,880,363	48,166,508
2018	671,137	25,543,936	2,085,403	6,697,496	1,690,988	36,688,960	13,810,363	50,499,323
2019	594,407	25,437,230	1,974,242	6,609,574	1,690,046	36,305,498	14,715,363	51,020,860
2020	594,407	25,300,430	1,863,081	6,521,651	1,689,081	35,968,649	16,029,863	51,998,512
2021	594,407	25,118,855	-	6,433,729	1,687,981	33,834,971	16,012,863	49,847,834
2022	594,407	26,962,180	-	6,345,806	-	33,902,393	16,014,488	49,916,880
2023	2,009,407	25,552,909	-	6,257,884	-	33,820,199	16,004,363	49,824,561
2024	3,227,852	21,783,346	-	6,169,961	-	31,181,159	15,996,488	47,177,646
2025	3,168,423	17,907,443	-	13,061,250	-	34,137,115	15,990,488	50,127,603
2026	3,103,993	16,423,339	-	12,633,750	-	32,161,082	15,973,319	48,134,401
2027	3,044,675	14,788,095	-	12,206,250	-	30,039,020	15,968,463	46,007,483
2028	2,990,357	14,635,869	-	11,778,750	-	29,404,976	15,956,806	45,361,782
2029	2,930,928	14,462,695	-	11,351,250	-	28,744,873	15,947,563	44,692,435
2030	2,871,498	12,109,199	-	10,923,750	-	25,904,447	15,939,681	41,844,128
2031	2,817,069	12,046,700	-	10,496,250	-	25,360,019	15,927,244	41,287,262
2032	2,757,528	11,987,973	-	10,068,750	-	24,814,250	15,919,200	40,733,450
2033	1,282,987	10,437,628	-	9,641,250	-	21,361,864	15,909,369	37,271,233
2034	-	10,371,710	-	9,213,750	-	19,585,460	15,896,700	35,482,160
2035	-	10,298,318	-	-	-	10,298,318	15,885,013	26,183,330
2036	-	10,221,745	-	-	-	10,221,745	15,885,375	26,107,120
2037	-	10,141,163	-	-	-	10,141,163	15,872,750	26,013,913
2038	-	10,065,450	-	-	-	10,065,450	15,859,750	25,925,200
2039	-	6,464,488	-	-	-	6,464,488	15,845,125	22,309,613
2040	-	6,371,295	-	-	-	6,371,295	15,827,625	22,198,920
2041	-	2,964,875	-	-	-	2,964,875	15,815,750	18,780,625
2042	-	2,960,000	-	-	-	2,960,000	15,798,000	18,758,000
2043	-	2,964,500	-	-	-	2,964,500	15,782,875	18,747,375
2044	-	2,958,125	-	-	-	2,958,125	15,763,750	18,721,875
2045	-	2,950,875	-	-	-	2,950,875	15,744,000	18,694,875
2046	-	2,952,250	-	-	-	2,952,250	-	2,952,250
2047	-	2,946,875	-	-	-	2,946,875	-	2,946,875
	<u>\$ 35,127,364</u>	<u>\$ 428,148,419</u>	<u>\$ 8,563,935</u>	<u>\$ 170,069,861</u>	<u>\$ 10,142,810</u>	<u>\$ 652,052,389</u>	<u>\$ 466,873,356</u>	<u>\$ 1,118,925,745</u>

(1) Estimated. The Series 2007A Bonds, the Series 2010A Bonds, the Series 2011A Bonds and the Series 2012A Bonds are Designated Maturity Debt under the Covenant Ordinance. There are three outstanding maturities of the Designated Maturities (2016, 2017 and 2018), which are anticipated to be rolled over, with final maturities in the years 2023 through 2033. The interest rate for all subsequent maturities of Designated Maturity Debt is estimated at 2.23%, which is based upon the yield of the 10-year "AA" rated bond as published by Municipal Market Data, as of September 30, 2015.

(2) The estimated rates (in percent) to compute the debt service were as follows:

	Series H Taxable	Series H Tax-Exempt
Interest	4.9000	3.5000
LOC/Liquidity	1.1000	1.1000
Remarketing	0.1000	0.1000
Other	0.0500	0.0500
Total	<u>6.1500</u>	<u>4.7500</u>

- (3) With regard to the Covenant Program's variable rate debt which is not required by authorizing resolution to amortize, the City has covenanted (as part of its program obligation) to amortize the obligation over a minimum of the last one third of the nominal (normally 30 years) maturity.
- (4) Debt service is shown before application of 35% Build America Bond interest subsidy for 2009C Bonds.
- (5) Represents loan repayments on the City's State of Florida Infrastructure Bank Loan (SIB Loan), which bears interest at 2.45%.
- (6) The City previously issued its Contract TDT Revenue Bonds, which are primarily secured by the Contract TDT Revenue payments pursuant to the Contract TDT Interlocal Agreement. In the event the Contract TDT Revenue Payments, and the various liquidity and reserve accounts established for the benefit of the Contract TDT Revenue Bonds, are insufficient to pay debt service, the Contract TDT Revenue Bonds are additionally secured by a covenant of the City to budget and appropriate Covenant Revenues.

**CITY OF ORLANDO, FLORIDA**

**Covenant Program Principal Amortization Schedules**

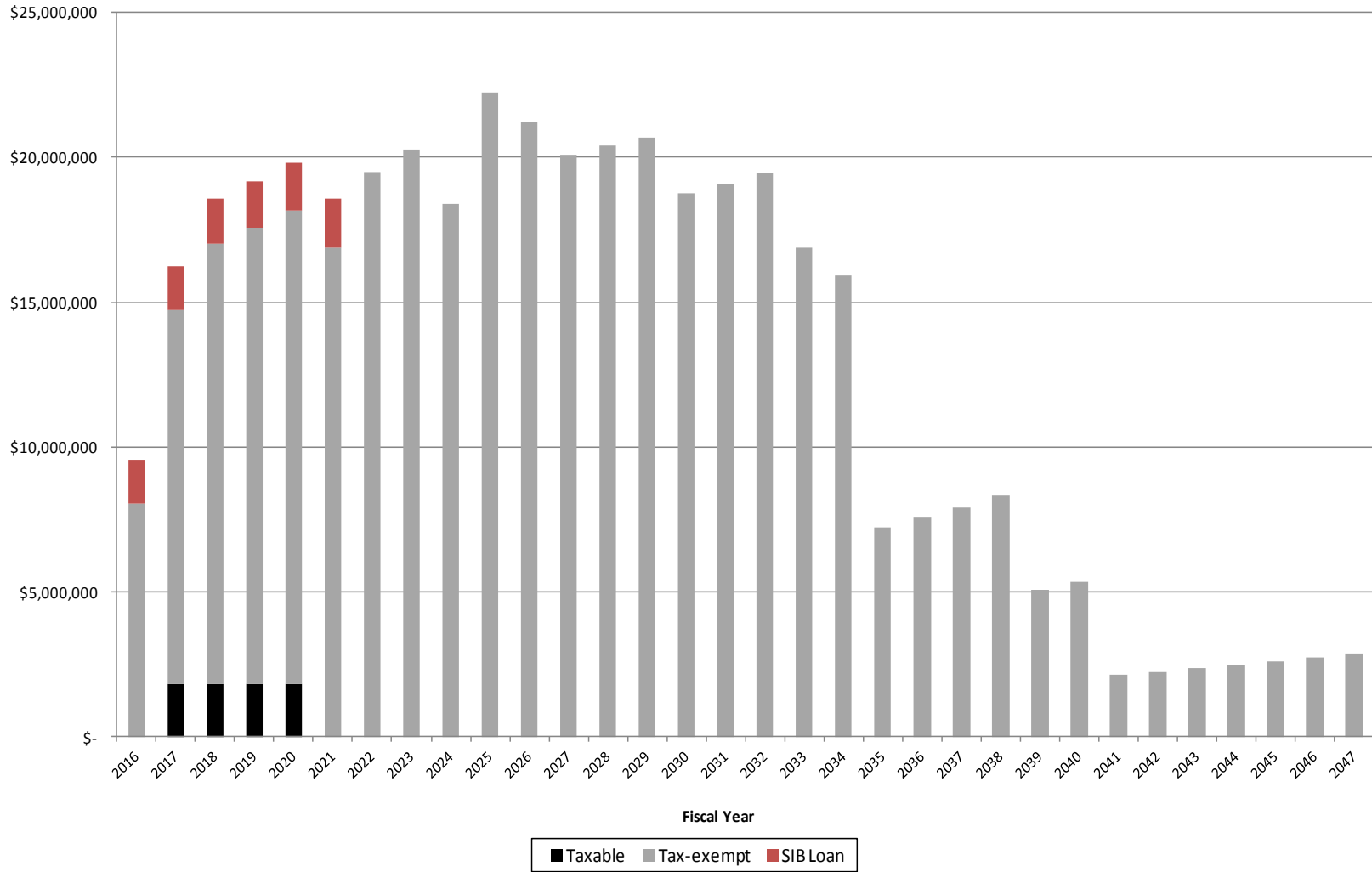
The chart on the following page (Covenant Program Principal Retirement by Debt Typ) illustrates the principal amortization of all outstanding Covenant Program bonds/loans. For variable rate and Designated Maturity Debt issues, the amortization is designed to meet the program's requirement to amortize at least equally over the last 1/3 of the nominal life (or last 10 of 30 years) of the bond issue. The schedule below illustrates these amortizations in a tabular format.

COVENANT PROGRAM DEBT RETIREMENT  
PRINCIPAL AMORTIZATION SCHEDULE  
AS OF SEPTEMBER 30, 2015

<u>Fiscal Year</u>	<u>Tax-exempt</u>	<u>Taxable</u>	<u>SIB Loan</u>	<u>Total</u>
2016	8,056,000	-	1,495,674	9,551,674
2017	12,911,000	1,807,500	1,532,318	16,250,818
2018	15,201,000	1,807,500	1,569,860	18,578,360
2019	15,771,000	1,807,500	1,608,321	19,186,821
2020	16,331,000	1,807,500	1,647,725	19,786,225
2021	16,866,000	-	1,687,981	18,553,981
2022	19,466,000	-	-	19,466,000
2023	20,251,000	-	-	20,251,000
2024	18,401,000	-	-	18,401,000
2025	22,220,000	-	-	22,220,000
2026	21,240,000	-	-	21,240,000
2027	20,075,000	-	-	20,075,000
2028	20,380,000	-	-	20,380,000
2029	20,675,000	-	-	20,675,000
2030	18,750,000	-	-	18,750,000
2031	19,085,000	-	-	19,085,000
2032	19,440,000	-	-	19,440,000
2033	16,870,000	-	-	16,870,000
2034	15,925,000	-	-	15,925,000
2035	7,245,000	-	-	7,245,000
2036	7,580,000	-	-	7,580,000
2037	7,930,000	-	-	7,930,000
2038	8,305,000	-	-	8,305,000
2039	5,095,000	-	-	5,095,000
2040	5,330,000	-	-	5,330,000
2041	2,145,000	-	-	2,145,000
2042	2,250,000	-	-	2,250,000
2043	2,370,000	-	-	2,370,000
2044	2,485,000	-	-	2,485,000
2045	2,605,000	-	-	2,605,000
2046	2,740,000	-	-	2,740,000
2047	2,875,000	-	-	2,875,000
<b>Total</b>	<b>\$ 396,869,000</b>	<b>\$ 7,230,000</b>	<b>\$ 9,541,879</b>	<b>\$ 413,640,879</b>

CITY OF ORLANDO, FLORIDA

**Covenant Program Principal Retirement by Debt Type  
As of September 30, 2015**





# CITY OF ORLANDO, FLORIDA

## COVENANT REVENUES

Covenant Revenues are defined in the Covenant Ordinance as those revenues of the City that are deposited to the credit of the City's General Fund or Utilities Services Tax Fund derived from any source whatsoever that are legally available for the payment of the obligations of the City under the Covenant Ordinance, inclusive of operating transfers from other funds into the General Fund and exclusive of (a) revenues derived from ad valorem taxation and (b) internal transfers between the General Fund and the Utilities Services Tax Fund (to eliminate double counting). For purposes of calculating Covenant Revenues and Self Sufficient Debt, amounts required to be transferred from the General Fund to community redevelopment trust funds pursuant to Section 163.387, Florida Statutes are deemed to be revenues derived from ad valorem taxation and not Covenant Revenues. For the calculation of Covenant Revenues for the past five fiscal years, see "Calculation of Covenant Revenues and Anti-Dilution Test Limitation" herein.

### **General Fund**

The following is a statement of revenues, expenditures, and changes in fund balance of the General Fund for the past five fiscal years. This table does not represent revenues which will necessarily be available for payment of debt service on the Covenant Debt. Revenues which are not available for debt service include, but are not limited to, property taxes (revenues derived from ad valorem taxation). The following tables show all revenues and expenditures of the General Fund.

# CITY OF ORLANDO, FLORIDA

## GENERAL FUND STATEMENTS OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

	For the Year Ended September 30 (1)				
	2011	2012	2013	2014	2015
<b>Revenues</b>					
<b>Property Taxes (3)</b>					
Real and Personal Property	\$ 102,038,441	\$ 98,911,357	\$ 98,611,877	\$ 101,938,268	\$ 127,943,732
Interest on Delinquent Taxes	262,823	231,972	169,971	172,684	189,919
<b>Total Property Taxes</b>	<u>102,301,264</u>	<u>99,143,329</u>	<u>98,781,848</u>	<u>102,110,952</u>	<u>128,133,651</u>
<b>Local Business Taxes, Franchise Fees, and Communication Services Taxes</b>					
Local Business Taxes	8,296,804	8,127,299	8,919,725	8,101,419	8,434,995
Franchise Fees	34,065,382	34,506,814	31,771,761	30,032,553	31,077,307
Communication Services Taxes (2)	-	-	16,438,434	14,559,994	14,221,872
<b>Total Local Business Taxes, Franchise Fees, and Communication Services Taxes</b>	<u>42,362,186</u>	<u>42,634,113</u>	<u>57,129,920</u>	<u>52,693,966</u>	<u>53,734,174</u>
<b>Intergovernmental</b>					
Orlando Utilities Commission Contribution	47,976,000	47,161,000	47,000,000	48,622,308	53,211,000
State Revenue Sharing	8,826,154	9,241,612	9,697,571	10,505,778	11,525,845
State Sales Tax	29,800,754	30,998,163	33,414,836	35,612,928	37,903,686
Insurance Premium Taxes (3)	4,215,657	4,227,746	4,542,017	4,565,336	4,246,980
Other State Shared Revenues	878,354	863,901	571,355	-	-
Other Intergovernmental (4)	2,625,904	2,674,233	2,115,084	2,501,073	2,538,341
<b>Total Intergovernmental</b>	<u>94,322,823</u>	<u>95,166,655</u>	<u>97,340,863</u>	<u>101,807,423</u>	<u>109,425,852</u>
<b>Permits and Fees</b>					
Building Inspection and Permits	2,130,654	3,260,622	2,844,541	4,311,446	4,556,680
Police Fees	1,510,571	1,544,369	1,437,687	-	-
Recreation and Other Fees	10,730,362	20,875,647 (5)	28,946,805 (6)	1,214,120	1,357,571 (C)
<b>Total Permits and Fees</b>	<u>14,371,587</u>	<u>25,680,638</u>	<u>33,229,033</u>	<u>5,525,566</u>	<u>5,914,251</u>
<b>Charges for Services</b>					
EMS Transport Fees	-	-	-	19,235,379	13,915,146
Administrative Services	-	-	-	15,227,543	14,636,204
Other Charges for Services	-	-	-	24,057,718	27,370,181
<b>Total Charges for Services</b>	<u>-</u>	<u>-</u>	<u>-</u>	<u>58,520,640</u>	<u>55,921,531</u>
<b>Fines and Forfeitures</b>	<u>3,461,252</u>	<u>3,358,691</u>	<u>3,599,662</u>	<u>3,081,960</u>	<u>3,274,638</u>
<b>Other Revenue</b>					
Income (Loss) on Investments	5,481,698	10,297,351	(1,116,525)	3,750,419	1,548,800
Rent	1,086,246	1,073,928	1,143,831	-	-
Administrative Services	16,442,544	17,332,593	15,144,607	-	-
Miscellaneous Revenues	13,735,399	11,933,269	12,512,458	1,873,863	5,406,970 (E)
<b>Total Other Revenues</b>	<u>36,745,887</u>	<u>40,637,141</u>	<u>27,684,371</u>	<u>5,624,282</u>	<u>6,955,770</u>
<b>Total Revenues</b>	<u>293,564,999</u>	<u>306,620,567</u>	<u>317,765,697</u>	<u>329,364,789</u>	<u>363,359,867</u>

- (1) Extracted from the City of Orlando's audited Comprehensive Annual Financial Reports.
- (2) Beginning in FY13 all communications services tax revenues are now deposited in the General Fund. Prior to FY13 a portion of the local communications services tax revenues were deposited in the Utilities Services Tax Fund.
- (3) The City's Covenant Revenues in the General Fund do not include Property Taxes. In addition, Insurance Premium Taxes are required to be used solely to fund pension benefits pursuant to Chapters 175 and 185, Florida Statutes and may not be used for debt service.
- (4) A small portion of intergovernmental revenues may represent grants which are limited for use for specific purposes.
- (5) Includes EMS transport fees of \$10,058,968.
- (6) Includes EMS transport fees of \$18,412,585.
- (A) This classification is now included under Other Intergovernmental
- (B) This classification is now included under Other Charges for Services
- (C) EMS Transport Fees were previously reported under Recreation and Other Fees but have been moved to a separate line item.
- (D) This classification is now included as Administrative Services under Charges for Services.
- (E) The Enterprise Fund Dividend was formerly under Miscellaneous Revenues and now under Other Charges for Services.

**CITY OF ORLANDO, FLORIDA**

**GENERAL FUND  
STATEMENTS OF REVENUES, EXPENDITURES AND  
CHANGES IN FUND BALANCE  
(Continued)**

	For the Year Ended September 30 (1)				
	2011	2012	2013	2014	2015
<b>Expenditures</b>					
Current Operating:					
Executive Offices	\$ 18,127,633	\$ 18,264,492	\$ 19,392,510	\$ 19,365,906	\$ 19,674,875
Housing	283,370	234,106	294,469	204,170	350,756
Economic Development	12,658,111	12,876,685	13,205,778	13,530,052	13,755,441
Public Works	21,728,515	20,295,800	18,548,667	18,523,028	18,325,601
Families, Parks and Recreation	28,519,123	27,809,959	30,242,460	30,200,977	31,119,021
Police	111,894,842	112,389,179	117,412,091	122,160,967	129,115,490
Fire	78,453,498	87,414,936	(8) 105,348,765	(8) 107,176,643	(8) 106,421,406
Business & Financial Services	27,361,591	26,539,626	24,048,040	26,319,158	27,296,834
Orlando Venues	540,835	525,659	506,643	504,749	777,994
Debt Service	15,190,766	12,751,071	16,873,332	14,818,913	15,440,743
Other Expenditures	14,388,885	13,675,325	12,567,016	14,646,673	16,756,417
<b>Total Expenditures</b>	<u>329,147,169</u>	<u>332,776,838</u>	<u>358,439,771</u>	<u>367,451,236</u>	<u>379,034,578</u>
<b>Excess (Deficiency) of Revenues Over Expenditures</b>	<u>(35,582,170)</u>	<u>(26,156,271)</u>	<u>(43,174,074)</u>	<u>(38,086,447)</u>	<u>(15,674,711)</u>
<b>Other Financing Sources and (Uses)</b>					
Operating Transfers In	67,202,660	(7) 48,945,715	34,071,024	31,022,749	35,472,766
Operating Transfers (Out)	(14,350,536)	(16,175,246)	(15,614,267)	(15,210,671)	(18,330,757)
Bond and Loan Proceeds	2,400,000	2,000,000	-	-	-
Sale of Capital Assets	-	-	-	3,250,376	-
Issuance of Debt	-	-	-	210,953	4,872,896
<b>Total Other Financing Sources and (Uses)</b>	<u>55,252,124</u>	<u>34,770,469</u>	<u>18,456,757</u>	<u>19,273,407</u>	<u>22,014,905</u>
Excess (Deficiency) of Revenues and Other Financing Sources Over Expenditures and Other (Uses)	19,669,954	8,614,198	(24,717,317)	(18,813,040)	6,340,194
<b>Fund Balance at Beginning of Year As Restated</b>	<u>100,988,240</u>	<u>120,658,194</u>	<u>129,272,392</u>	<u>107,055,075</u>	<u>88,242,035</u>
<b>Fund Balance at End of Year</b>	<u>\$120,658,194</u>	<u>\$ 129,272,392</u>	<u>\$ 104,555,075</u>	<u>\$ 88,242,035</u>	<u>\$ 94,582,229</u>

(7) The large amount in Operating Transfers In for FY2011 is due to the transfer of accumulated surplus fund balance from the Utility Services Tax Fund.

(8) Includes the EMS Transport fund (w hich w as classified as a non-major special revenue fund in 2011).

## CITY OF ORLANDO, FLORIDA

### Utilities Services Tax Fund

The Utilities Services Tax is defined in the Covenant Ordinance as the taxes imposed, levied and collected by the City pursuant to Section 166.231, Florida Statutes, and other applicable provisions of law, on the purchase of electricity, fuel oil, metered or bottled gas (natural liquefied petroleum gas or manufactured), water service and other services on which a tax may be imposed by law, and until October 1, 2001 also included the purchase of telecommunication services. The City deposits Utilities Services Taxes in the Utilities Services Tax Fund. The Utilities Services Taxes have been previously pledged for the payment of the City's Wastewater System Revenue Bonds, outstanding in the principal amount of \$34,915,000 as of September 30, 2015.

Florida law authorizes any municipality in the State to levy a utilities service tax on the purchase within such municipality of electricity, metered natural gas, liquefied petroleum gas either metered or bottled, manufactured gas either metered or bottled, water service and fuel oil as well as any services competitive with those specifically enumerated. This tax may not exceed 10% of the payments received by the sellers of such utilities services from purchasers (except in the case of fuel oil, for which the maximum tax is four cents per gallon). The purchase of natural gas or fuel oil by a public or private utility either for resale or for use as fuel in the generation of electricity, or the purchase of fuel oil or kerosene for use as an aircraft engine fuel or propellant or for use in internal combustion engines, is exempt from the levy of such tax. Prior to October 1, 2001, a municipality also had the option to levy a tax on the purchase of telecommunications services of either (a) not to exceed 10% of the monthly recurring customer service charges upon the purchases within such municipality of local telephone service or (b) not to exceed 7% of the monthly recurring customer service charges upon purchases within the municipality of telecommunications service which originates and terminates in the State based on the total amount charged for any telecommunications service provided within the municipality or, if the location of the telecommunications provided cannot be determined, the total amount billed for such telecommunications service to a telephone or telephone number, a telecommunications number or device, a service address or a customer's billing address located within the municipality, excluding variable usage charges on telecommunication service.

Pursuant to the Constitution of the State of Florida, Florida Statutes and the Code of the City (the "City Code"), the City levies a Utilities Services Tax, also referred to herein as Public Services Tax, within the incorporated area of the City at the rate of 10% on sales of all utility services for which it is allowed to tax, except telecommunications service, and with the restriction that the tax on fuel oil cannot exceed four cents per gallon. The City Code exempts from levy of such Utilities Services Tax (a) purchases of special fuels for use as airplane engine fuel or propellant, (b) purchases of special fuels to be used as raw material in a manufacturing process or a cleaning agent or solvent, (c) purchases of special fuels for use in an internal combustion engine to propel any form of vehicle, and (d) "fuel adjustment charges," which means any increases in the cost of utility service to the ultimate consumer resulting from an increase in the cost of fuel to the utility subsequent to October 1, 1973.

Florida law provides that a municipality may exempt from the utilities services tax the first 500 kilowatts of electricity per month purchased for residential use. The City has not adopted such an exemption but it does exempt purchases by the United States Government, the State, the County, the City and its agencies, boards, commissions and authorities from the levy of such tax. In addition, the City exempts purchases used exclusively for church purposes by any State recognized church.

The Utilities Services Tax must be collected by the seller from purchasers at the time of sale and remitted to the Chief Financial Officer as prescribed by the City Code. Such tax will appear on a periodic bill rendered to consumers for electricity, metered and bottled gas, water service and fuel oil. A failure by a consumer to pay that portion of the bill attributable to the utilities services tax may result in a suspension of the utility service involved in the same fashion as the failure to pay that portion of the bill attributable to the particular utility service.

The following is a statement of revenues, expenditures, and changes in fund balance that provides a history of revenues which have been deposited in the Utilities Services Tax Fund for the past five fiscal years.

**CITY OF ORLANDO, FLORIDA**

**UTILITIES SERVICES TAX FUND  
STATEMENTS OF REVENUES, EXPENDITURES  
AND CHANGES IN FUND BALANCE**

	For Year Ended September 30 (1)				
	2011	2012	2013	2014	2015
<b>Revenue</b>					
Electric	\$ 30,627,761	\$ 29,768,716	\$ 28,743,562	\$ 30,114,618	\$ 30,341,246
Telephone/Telecommunications	13,946,582	12,665,167	-	-	-
<b>Total Utilities Service Taxes</b>	<u>44,574,343</u>	<u>42,433,883</u>	<u>28,743,562</u>	<u>30,114,618</u>	<u>30,341,246</u>
Income (Loss) on Investments	277,974	377,480	(12,665)	87,566	45,766
<b>Total Revenues</b>	<u>44,852,317</u>	<u>42,811,363</u>	<u>28,730,897</u>	<u>30,202,184</u>	<u>30,387,012</u>
<b>Expenditures</b>					
Other	(1,036,385)	(86,032)	(67,597)	(303,382)	(394,483)
<b>Operating Transfers</b>					
Transfers to other funds	(64,315,932) (2)	(42,725,331)	(33,161,653)	(28,764,016)	(28,990,265)
Excess (Deficiency) of Revenues Over Expenditures and Operating Transfers	(20,500,000)	-	(4,498,353)	1,134,786	1,002,264
<b>Beginning Fund Balance</b>	<u>28,658,951</u>	<u>8,158,951</u>	<u>8,158,951</u>	<u>3,660,598</u>	<u>4,795,384</u>
<b>Ending Fund Balance</b>	<u>\$ 8,158,951</u>	<u>\$ 8,158,951</u>	<u>\$ 3,660,598</u>	<u>\$ 4,795,384</u>	<u>\$ 5,797,648</u>

- (1) Extracted from the City of Orlando's audited Comprehensive Annual Financial Reports.  
(2) Accumulated surplus fund balance was transferred to the General Fund in FY2011.  
(3) Beginning in Fiscal Year 2013, all Communications Services Tax (CST) revenue is being deposited into the General Fund.

# CITY OF ORLANDO, FLORIDA

## BOND COVENANTS

### Stabilization Reserve Account

The Covenant Ordinance requires the City to fund, over a period of not to exceed 36 months, the Stabilization Reserve Account in an amount equal to the Stabilization Reserve Requirement if the unreserved fund balances of the City's General Fund and Utilities Services Tax Fund are, in the aggregate, less than 10% of the City's Aggregate Budgeted Expenditures for such fiscal year.

Pursuant to the Covenant Ordinance, "Stabilization Reserve Requirement" is defined as an amount equal to 100% of the Average Annual Debt Service Requirement with respect to all Bonds Outstanding under the Covenant Ordinance calculated as of the date the requirement to fund the Stabilization Reserve Account arises pursuant to the Covenant Ordinance and recalculated annually upon the completion of the audit required pursuant to the Covenant Ordinance and as of the date of issuance of any Additional Bonds, so long as such requirement remains effective. "Aggregate Budgeted Expenditures" is defined in the Covenant Ordinance to mean for any Fiscal Year, the aggregate of the budgeted total expenditures, plus transfers out of the General Fund and Utilities Services Tax Fund, less internal transfers between the General Fund and Utilities Services Tax Fund as provided in the Annual Budget for such Fiscal Year.

The following table shows that for the past five fiscal years the City has not been required to deposit any money in the Stabilization Reserve Account and there are currently no moneys on deposit in the Stabilization Reserve Account.

**CITY OF ORLANDO, FLORIDA**

**STABILIZATION RESERVE ACCOUNT REQUIREMENT  
HISTORICAL PERSPECTIVE**

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>
<b>Calculation of Appropriate Reserve (1)</b>					
General Fund					
Reserved Fund Balance	\$ 5,624,392	\$ 6,783,508	\$ 6,242,063	\$ 7,221,501	\$ 6,483,381
Unreserved Fund Balance	115,033,802	122,488,884	100,813,012	81,020,534	88,098,848
Total Fund Balance	<u>120,658,194</u>	<u>129,272,392</u>	<u>107,055,075</u>	<u>88,242,035</u>	<u>94,582,229</u>
Utilities Services Tax Fund					
Unreserved Fund Balance	8,158,951	8,158,951	3,660,598	4,795,384	5,797,648
Total Fund Balance	<u>8,158,951</u>	<u>8,158,951</u>	<u>3,660,598</u>	<u>4,795,384</u>	<u>5,797,648</u>
Unreserved Fund Balance					
General Fund	115,033,802	122,488,884	100,813,012	81,020,534	88,098,848
Utilities Services Tax Fund	<u>8,158,951</u>	<u>8,158,951</u>	<u>3,660,598</u>	<u>4,795,384</u>	<u>5,797,648</u>
Total Unreserved Fund Balances					
General Fund and Utilities					
Services Tax Fund	<u>\$ 123,192,753</u>	<u>\$ 130,647,835</u>	<u>\$ 104,473,610</u>	<u>\$ 85,815,918</u>	<u>\$ 93,896,496</u>
<b>Comparison to Minimum Reserve Covenant (2)</b>					
	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
General Fund Budgeted Expenditures	\$ 347,241,867	\$ 354,292,717	\$ 357,397,560	\$ 372,084,536	\$ 401,607,332
10% Aggregate Fund Balances Requirement	\$ 34,724,187	\$ 35,429,272	\$ 35,739,756	\$ 37,208,454	\$ 40,160,733
Actual Appropriable Reserve	\$ 123,192,753	\$ 130,647,835	\$ 104,473,610	\$ 85,815,918	\$ 93,896,496
Actual Percentage	35.48 %	36.88 %	29.23 %	23.06 %	23.38 %

- (1) During fiscal year 2011, the City implemented GASB 54 "Fund Balance Reporting and Governmental Fund Type Definitions" (GASB 54). GASB 54 changed the fund balance classifications from reserved and unreserved to nonspendable, restricted, committed, and unassigned based on constraints on how the fund balance can be expended. The Covenant Bond Ordinance refers to reserved and unreserved fund balance. For purposes of documenting compliance with the requirements of the Covenant Bond Ordinance, beginning with Fiscal Year 2011 the reserved fund balance is calculated as the sum of nonspendable, restricted and committed fund balances for each respective fund, and unreserved fund balance is calculated as the sum of assigned and unassigned fund balance for each respective fund.
- (2) Comparing beginning of the year Fund Balances to the final budgeted General Fund expenditures.

## CITY OF ORLANDO, FLORIDA

### **Additional Bonds**

The Covenant Ordinance provides for the issuance of both Additional Bonds (which shall be payable on a parity with the Outstanding Bonds) and Non-Self Sufficient Debt. Additionally, the Covenant Ordinance allows the City to issue Non-Self Sufficient Debt for which there may be granted a prior lien on all or a portion of the Covenant Revenues, provided the City first complies with the requirements described below. The Covenant Ordinance does not provide any restrictions on the issuance of Self Sufficient Debt.

Non-Self Sufficient Debt means any indebtedness of the City for the payment of borrowed money other than Self Sufficient Debt. Self Sufficient Debt means any indebtedness of the City for borrowed money that is either (a) secured by or payable exclusively from a source of revenues other than Covenant Revenues, or (b) primarily payable from revenues of the type described in clause (a) above and secondarily from Covenant Revenues if the Covenant Revenues have not been used (or, as provided below, deemed to have been used) to pay any portion of such indebtedness for the three fiscal years preceding the date of determination and if the City projects that the Covenant Revenues will not be so used during the next two fiscal years; and either (c) that is secured by a revenue source that has been in effect for at least three fiscal years and that would have provided coverage of at least 125% of the average annual debt service on such obligations secured by such revenue source in each of the three preceding fiscal years, or (d) if the revenue source has not been in existence for at least three fiscal years, that is secured by a revenue source that would have provided coverage of at least 150% of the average annual debt service on such obligations secured by such revenue source in at least the last full fiscal year preceding the issuance of such obligations and that is projected to provide at least 150% debt service coverage (based on revenue and debt service projections of the City) in each of the three ensuing fiscal years; and (e) in any such case, in the three preceding fiscal years, no debt service of which has been paid (or, as provided below, deemed to have been paid) from Covenant Revenues deposited in the General Fund or the Utilities Services Tax Fund. For purposes of calculating the coverage requirements described in this paragraph, the historical and projected receipts of a particular revenue source shall be adjusted retroactively to the initial date of the calculation period to reflect changes in rates, levies or impositions enacted prior to the date of calculation. For purposes of this definition, Covenant Revenues will be deemed to have been used to pay debt service on any debt if Covenant Revenues have been transferred in the relevant period, other than pursuant to a Capital Transfer, to a fund or account used to pay debt service on such debt. Pursuant to the Covenant Ordinance, a Capital Transfer means any Interfund transfer from the City's General Fund or the Utilities Services Tax Fund to another fund of the City designated for a specific capital project (and not for debt service with respect to debt incurred for such capital project).

### **Non-Self Sufficient Debt - Anti Dilution Test**

(a) The City has covenanted in the Covenant Ordinance not to issue any Non-Self Sufficient Debt (including Designated Maturity Debt as defined below) unless there shall be filed with the City a report by an independent certified public accountant or such other party as the Rating Agency shall approve without withdrawing or reducing the rating then applicable to the Bonds outstanding under the Covenant Ordinance projecting that for each of the three fiscal years following the fiscal year in which such Non-Self Sufficient Debt is issued, the following two tests will be met:

(i) (A) If the year in which the Maximum Annual Debt Service on Non-Self Sufficient Debt occurs is more than six years from the date of calculation, the Maximum Annual Debt Service with respect to all Non-Self Sufficient Debt then outstanding and the Non-Self Sufficient Debt proposed to be issued will not exceed 35% of the Covenant Revenues for each such fiscal year forecasted by the City; or (B) if the year in which the Maximum Annual Debt Service with respect to Non-Self Sufficient Debt occurs is less than six years from the date of calculation, the Maximum Annual Debt Service with respect to all Non-Self Sufficient Debt then outstanding and the Non-Self Sufficient Debt proposed to be issued will not exceed 25% of the Covenant Revenues for each such fiscal year forecasted by the City; and

(ii) The higher of (A) the Average Annual Debt Service Requirement with respect to all Non-Self Sufficient Debt then outstanding and the Non-Self Sufficient Debt proposed to be issued, or (B) the aggregate annual debt service with respect to all such Non-Self Sufficient Debt then outstanding including the Non-Self Sufficient Debt proposed to be issued for the fiscal year following the year in which the calculation is made, will not exceed 25% of the Covenant Revenues for each such fiscal year forecasted by the City.



## CITY OF ORLANDO, FLORIDA

(b) Concurrently with the issuance of Non-Self Sufficient Debt, the Mayor or Mayor Pro Tem of the City shall certify (i) the dates and the principal amounts of such Non-Self Sufficient Debt (other than Designated Maturity Debt) that will be paid or redeemed in advance of the final maturity thereof to the extent that (A) separate serial maturities or Amortization Installments have not been established for such Non-Self Sufficient Debt and (B) amortization of such debt is otherwise required pursuant to the Covenant Ordinance, as discussed under "ADDITIONAL BONDS – Amortization of Variable Rate Bonds and Designated Maturity Debt," herein, and (ii) with respect to Designated Maturity Debt, the principal amortization for each series thereof is in accordance with the Covenant Ordinance, as discussed under "ADDITIONAL BONDS – Amortization of Variable Rate Bonds and Designated Maturity Debt," herein, assuming that the final maturity of each series of Designated Maturity Debt shall be no later than thirty years from the date of original issuance thereof. Each proposed Amortization Installment set forth in such certificate shall be on a date which is on or after the first optional redemption date for such Non-Self Sufficient Debt.

(c) The City may, from time to time, amend the amortization certificate requirements established pursuant to paragraph (b) above if the new amortization schedule would not cause the City to violate the amortization requirements set forth in paragraph (a) above and the amortization requirements of Variable Rate Bonds and Non-Self Sufficient Debt as set forth in the Covenant Ordinance, as discussed under "ADDITIONAL BONDS – Amortization of Variable Rate Bonds and Designated Maturity Debt," herein, as re-calculated on the date of amendment to such amortization schedule.

(d) The certificate of amortization provided pursuant to paragraph (b) above, as amended from time to time as provided in paragraph (b) above, shall not create an enforceable right or expectation of Bondholders to have Bonds redeemed or retired in accordance therewith but is intended to document the City's ability and intent to comply with the requirements of the Covenant Ordinance.

### **Issuance of Additional Bonds**

The City may not issue any obligations payable from the amounts deposited in the funds and accounts created under the Covenant Ordinance, or voluntarily create or cause to be created any debt, lien, pledge, assignment, encumbrance or other charge having priority to or being on a parity with the lien of any Bonds issued pursuant to the Covenant Ordinance upon such funds and accounts, except under the conditions and in the manner described below.

Except as otherwise provided in the Covenant Ordinance, no series of Additional Bonds may be issued under the Covenant Ordinance unless the City shall have first complied with the requirements set forth below, among others:

(a) There shall have been obtained and filed with the Governing Body the report required for the issuance of such Additional Bonds as Non-Self Sufficient Debt as described under paragraphs (a) and (b) above under "Non-Self Sufficient Debt-Anti Dilution Test."

(b) In addition to the foregoing, the City may issue at any time and from time to time Additional Bonds for the purpose of refunding any series of bonds, or any maturity of bonds within a series, without the necessity of complying with the requirements contained in subparagraph (a) above, provided that prior to the issuance of such bonds there shall be filed with the Governing Body of the City a certificate from an independent certified public accountant to the effect that (i) the net proceeds from such Additional Bonds will be sufficient to cause the lien created by the Covenant Ordinance with respect to the Series of Bonds to be refunded or defeased and (ii) the Debt Service Requirement with respect to such Additional Bonds in each bond year following the issuance thereof shall be equal to or less than the Debt Service Requirement for such bond year with respect to the bonds which would have been outstanding in that bond year had the same not been refunded pursuant to the Covenant Ordinance. In addition, prior to the issuance of such bonds, there shall be filed with the Governing Body of the City, an opinion of Bond Counsel to the effect that (i) the proceeds from the sale of such Additional Bonds have been set aside in irrevocable escrow for the payment of the bonds to be refunded in the manner described in the Covenant Ordinance and (ii) the issuance of such Additional Bonds and the use of the proceeds thereof as described above will not have the effect of causing the interest on any Bond then outstanding under the Covenant Ordinance (other than bonds issued as taxable debt), including the Bonds to be refunded, to become includable in the gross income of the owner thereof for federal income tax purposes.

## CITY OF ORLANDO, FLORIDA

Bonds issued pursuant to the terms and conditions of the Covenant Ordinance shall be deemed on a parity with all Bonds then outstanding, and all of the covenants and other provisions of the Covenant Ordinance shall be for the equal benefit, protection and security of the Holders of any Bonds originally authorized and issued pursuant to the Covenant Ordinance and the Holders of any Bonds evidencing additional obligations subsequently created within the limitations of and in compliance with the Covenant Ordinance; provided, however, that separate subaccounts in the Reserve Account created pursuant to the Covenant Ordinance shall secure only the series of bonds with respect to which such subaccount was created. Bonds shall be issued only for the purpose of financing one or more projects, or for the purpose of refunding any obligations theretofore issued for such purposes.

### **Amortization of Variable Rate Bonds and Designated Maturity Debt**

The City has covenanted that it will not issue bonds constituting variable rate debt under the terms of the Covenant Ordinance unless the maximum interest rate payable on such Bonds does not exceed 15% per annum.

With respect to each series of Non-Self Sufficient Debt issued on or after the date of issuance of the first series of bonds issued under the Covenant Ordinance, the City covenants to refund or redeem Bonds or other Non-Self Sufficient Debt of such series in such amounts and at such times as shall cause the original principal (or, with respect to Capital Appreciation Debt, Accreted Value at maturity) of such series of bonds or other Non-Self Sufficient Debt to be amortized (by payment or defeasance) no less quickly than in equal annual installments over at least the last one-third of the original stated term to maturity (or with respect to Designated Maturity Debt, over the last one-third of the amortization schedule with respect to such Designated Maturity Debt as set forth in the Amortization Certificate). Pursuant to the Covenant Ordinance, "Designated Maturity Debt" means all Non-Self Sufficient Debt of a Series, or a particular maturity thereof, with a stated maturity of fifteen (15) years or less, designated as such by supplemental ordinance or resolution of the City adopted prior to the issuance thereof, for which either (a) no Serial maturities or Amortization Installments or mandatory sinking fund redemption installments (with respect to other Non-Self Sufficient Debt) have been established or (b) the aggregate of such Serial maturities and Amortization Installments or mandatory sinking fund redemption installments that have been established is less than the principal amount of such Non-Self Sufficient Debt.

For purposes of the Covenant Ordinance, the City has designated the Series 2007A Bonds, the Series 2010A Bonds, the Series 2011A Bonds, and Series 2012A Bonds as Designated Maturity Debt.

### **Calculation of Covenant Revenues and Anti-Dilution Test Limitation**

As stated in the Covenant Ordinance, the City may issue Non-Self Sufficient Debt (including Additional Bonds) if it has complied with the requirements of the Covenant Ordinance. The following table shows the percentage of Non-Self Sufficient Debt as a percentage of Covenant Revenues for each of the past five fiscal years.

**CITY OF ORLANDO, FLORIDA**

**CALCULATION OF COVENANT REVENUES  
AND ANTI-DILUTION TEST LIMITATION**

	For Year Ended September 30				
	2011	2012	2013	2014	2015
<b>Covenant Revenues</b>					
General Fund Revenue	\$ 293,564,999	\$ 306,620,567	\$ 317,765,697	\$ 329,364,789	\$ 363,359,867
Interfund Transfer In	67,202,660	48,945,715	34,071,024	31,022,749	35,472,766
Utilities Services Tax Fund Revenue	44,852,317	42,811,363	28,730,897	30,202,184	30,387,012
Total Revenues	405,619,976	398,377,645	380,567,618	390,589,722	429,219,645
Less:					
Ad-valorem Tax Revenues	102,301,264	99,143,329	98,781,848	102,110,952	128,133,651
Revenues Not Legally Available for Debt Service (1)	4,215,657	4,227,746	4,542,016	4,565,335	4,246,980
Internal Transfer (2)	64,315,932	42,725,331	33,161,653	28,764,016	28,990,265
Total Covenant Revenues	<u>\$ 234,787,123</u>	<u>\$ 252,281,239</u>	<u>\$ 244,082,101</u>	<u>\$ 255,149,419</u>	<u>\$ 267,848,749</u>
25% Limitation (3)	\$ 58,696,781	\$ 63,070,310	\$ 61,020,525	\$ 63,787,355	\$ 66,962,187
Maximum Annual Debt Service (4)	33,004,686	32,595,393	32,650,904	47,943,362	52,038,884
% of Limit	56.23 %	51.68 %	53.51 %	75.16 %	77.71 %
% of Covenant Revenues	14.06 %	12.92 %	13.38 %	18.79 %	19.43 %

- (1) Represents amounts that the City believes are not legally available for debt service. There are no assurances that in future years the percentage of revenues not legally available for debt service will not increase.
- (2) To alleviate duplicate counting, revenues are reduced by the amount transferred into the General Fund from the Utility Services Tax Fund.
- (3) Defined as 25% of the available Covenant Revenues if the year in which the Maximum Annual Debt Service on Non-Self Sufficient Debt occurs is less than six years from the date of calculation. The percentage is 35% if the year in which the Maximum Annual Debt Service on Non-Self Sufficient Debt occurs is more than six years from the date of calculation.
- (4) Includes all Non Self Sufficient Debt, including the Series 2014A Contract TDT Payments Revenue Bonds, which are primarily payable from Contract TDT Revenues. The estimated rates to compute the debt service were as follows:

	Series H	Series H
	Taxable	Tax-Exempt
Interest	4.9000	3.5000
LOC/Liquidity	1.1000	1.1000
Remarketing	0.1000	0.1000
Other	0.0500	0.0500
Total	<u>6.1500</u>	<u>4.7500</u>

**Medium Term Note Program**

The 2002 Bonds and the 2004 Bonds were issued as part of the City's medium term note program. The 2002 Bonds were issued in \$5,000,000 pieces maturing April 1 in 2004, 2005, 2006, 2008, 2010, and 2012 with a \$3,690,000 piece maturing in 2014. The 2004 Bonds were issued in \$5,000,000 pieces maturing in 2007 and 2011, with a \$5,070,000 piece maturing in 2009. The City plans to "roll" each of these maturities in the medium term market (maturities of 1 to 15 years) and ultimately amortized minimally over the last ten (10) years of their thirty-year nominal life. Both of these bond issues and the subsequent "rolls" of their individual maturities (including the 2007A, 2010A, 2011A, and 2012A Bonds), are, or will be, Designated Maturity Debt.

The City will not issue Additional Bonds under the Covenant Ordinance as Designated Maturity Debt unless the following two conditions are met:

- (1) The Issuer shall provide on an annual basis a forecast showing that the liquidity portion of its investment portfolio as of the next ensuing April 1 (the "Forecast Date"), is not less than 200% of the largest aggregate principal amount of all outstanding Designated Maturity Debt maturing in

**CITY OF ORLANDO, FLORIDA**

any future fiscal year, including any additional Designated Maturity Debt proposed to be issued before the Forecast Date (the "Maximum Annual Maturity Amount"); and

- (2) After the issuance thereof, the aggregate principal amount of all Designated Maturity Debt issued under the Covenant Ordinance (including the Designated Maturity Debt proposed to be issued) maturing in any one fiscal year will not exceed \$12,000,000.

The Issuer may issue Designated Maturity Debt without complying with clauses (1) and (2) above only if it covenants by resolution prior to the issuance of such Designated Maturity Debt to meet and comply with the following two requirements:

- (1) The Issuer will (a) continue to comply with the requirements set forth in clause (1) above with respect to the first \$12,000,000 of such Maximum Annual Maturity Amount and (b) in addition, provide and maintain during the term that the Designated Maturity Debt proposed to be issued remains outstanding, a Liquidity Facility from a Qualified Provider in an amount not less than 50% of the Maximum Annual Maturity Amount. A Liquidity Facility refers to a line of credit, letter of credit, standby purchase agreement or similar instrument providing liquidity (but not necessarily credit enhancement). Qualified Provider refers to a Liquidity Facility provider whose short term credit ratings are in the highest two categories by at least two of the nationally recognized rating services (e.g., A-1, P-1 and F-1 ratings from S&P, Moody's and/or Fitch, respectively); and
- (2) The Maximum Annual Maturity Amount for all Designated Maturity Debt issued under the Covenant Ordinance, including the Designated Maturity Debt proposed to be issued, will not exceed \$20,000,000.

If the Maximum Annual Maturity Amount of all Designated Maturity Debt then outstanding is less than \$12,000,000 at any time after the issuance of Designated Maturity Debt in accordance with clause (1) above, the Issuer's covenants under clause (1) shall terminate sixty (60) days following the Issuer's notification to the nationally recognized rating agencies then providing ratings on the Designated Maturity Debt (the "Applicable Rating Agencies") of the conditions permitting termination of such covenants, and following the termination of the liquidity facility required by clause (1)(b) above, the Issuer shall then abide by its covenants under clauses (1) and (2) above.

The foregoing provisions may be modified by the Issuer from time to time without the consent of any holders of Bonds issued under the Covenant Ordinance so long as (i) the Issuer notifies the Applicable Rating Agencies of such proposed change and (ii) the Issuer receives written confirmation from at least two of the Applicable Rating Agencies that such change will not adversely affect the then current ratings on such Designated Maturity Debt.

**Liquidity Schedule for Medium Term Notes Program  
As of September 30, 2015**

Forecasted Liquidity Portfolio as of 4/1/16	Forecasted Maximum Annual Maturity of the Medium Term Notes	Forecasted Year of Maximum Annual Maturity	Forecasted Liquidity Portfolio as a % of Annual Maturity	Minimum Liquidity Portfolio Required as % of Annual Maturity
\$196,000,000	\$9,965,000	2018	1967%	200%

**CITY OF ORLANDO, FLORIDA**

**INTERNAL LOAN (BANKING) FUND**

During 1986-87, the City created the Internal Loan Fund to provide interim or longer-term financing to other Funds of the City. The financing for the Fund's loan activities was initially funded with proceeds of Non-Self Sufficient Debt and continues to be funded through the re-lending of portions of internal loan repayments. The loan documents between the Internal Loan Fund and the various recipient funds set forth expectations for project use, principal amortization, if appropriate, and revenue sources for repayment.

The following schedule reflects the Internal Loan Fund's banking activities as well as the status of individual loans (summary by fund) as of September 30, 2015:

**Internal Loan (Banking) Fund  
Summary of Loan Program and Activity  
(In Thousands)**

Loan Recipient	Project	Outstanding	Loan Activity	Current Year	Outstanding	FY 2016	Amortization	
		Loan 9/30/2014		Principal Payments	Loan 9/30/2015	Principal Amortization	Term	Maturity
<b>Primary Government:</b>								
General Fund	Dubsread Golf Course	\$ 124	\$ -	\$ (61)	\$ 63	\$ 63	20	2016
General Fund	Dubsread Golfcarts	211	-	(70)	141	70	03	2017
General Fund	Employer Pension Contribution FY15	-	4,873	-	4,873	-	05	2021
Special Assessment	Historic Dist. Street Restoration	149	-	(50)	99	50	10	2017
Special Assessment	55 West Public Plaza	174	-	(35)	139	35	12	2019
Special Assessment	55 West Parking Garage	4,752	-	(584)	4,168	613	n/a	2020
Special Assessment	The Paramount at Lake Eola	796	-	(305)	491	305	08	2017
Special Assessment	Plaza Cinema	1,681	-	(181)	1,500	167	15	2024
Capital Improvement	Parks Initiative	9,150	-	(2,033)	7,117	2,033	15	2019
Capital Improvement	Narcoossee Rd. Construction	1,792	-	(1,792)	-	-	20	2015
Capital Improvement	Lee Vista Project	564	-	(564)	-	-	15	2015
Capital Improvement	FY03-04 Projects	14,940	-	(1,680)	13,260	1,680	20	2025
Capital Improvement	Real Estate Acquisition	5,948	-	(386)	5,562	403	20	2026
Capital Improvement	Public Safety Projects	51,130	-	(1,330)	49,800	1,385	27	2037
Capital Improvement	Lake Highland Remediation	7,787	-	(794)	6,993	793	15	2024
Capital Improvement	Lake Eola Land Purchase	5,851	-	(1,400)	4,451	1,500	06	2018
Capital Improvement	Strategic Land Purchases	14,600	-	(400)	14,200	500	08	2020
Capital Improvement	OSH Northbrook Land Purchase	-	6,062	(2,950)	3,112	311	11	2025
CRA	Housing Incentives	2,722	-	(1,315)	1,407	1,407	13	2016
CRA	Parramore Housing/Office	6,700	-	(774)	5,926	828	18	2021
CRA	The Plaza Cornerstone Project	1,867	-	(233)	1,634	233	18	2022
CRA	Expo Center Renovation	1,680	-	(280)	1,400	280	15	2020
CRA	Mad Cow Theatre	140	-	(140)	-	-	03	2015
CRA	Citrus Bowl Renovations	21,000	-	(504)	20,496	524	25	2039
Orlando Venues	Events Center Construction	10,262	-	(513)	9,749	513	25	2034
Orlando Venues	Geico Garage (1)	14,500	-	-	14,500	-	15	2025
Parking	Courthouse Garage Construction	3,395	-	(1,895)	1,500	1,500	20	2016
Parking	Jefferson St. Garage Construction	12,450	-	(740)	11,710	940	18	2025
Public Works	Single-Stream Recycling	300	-	(300)	-	-	05	2015
<b>Total</b>		<u>\$ 194,665</u>	<u>\$ 10,935</u>	<u>\$ (21,309)</u>	<u>\$ 184,291</u>	<u>\$ 16,133</u>		

(1) Interest only; balloon payment in the year stated on the maturity column.

The following descriptions summarize the major individual loans (in excess of \$3,000,000 outstanding) and briefly explain the projects constructed:

**55 West Special Assessment**

The \$7,000,000 loan provided a project incentive for the construction of a parking garage to replace the City's Market garage.

## CITY OF ORLANDO, FLORIDA

### **Parks Initiative Loan**

In 2002 the City issued \$33,690,000 covenant bonds to finance the \$35,500,000 parks initiative (which also reimbursed \$9,100,000 in interim internal banking fund loans).

### **FY 03-04 Capital Projects**

The loan was used to finance the \$26,000,000 Capital Project initiative.

### **Real Estate Acquisition**

The \$8,500,000 loan was used for the acquisition of real estate for strategic planning.

### **Public Safety Projects**

In October 2007, the City issued \$58,905,000 covenant bonds to finance the \$54,000,000 public safety construction initiative and to reimburse \$7,000,000 in interim internal banking fund loans.

### **Lake Highland Remediation Project**

This is a \$12,925,000 pollution remediation contract to clean up city property located in the Lake Highland area.

### **CRA - Parramore Housing/Office Complex**

Provided up to \$12,500,000 in incentives for a Parramore area housing/office complex.

### **Events Center Construction**

The \$12,000,000 (plus capitalized interest) was used to partly finance the construction of the new Events Center.

### **Geico Garage**

The \$14,500,000 loan was used to finance a portion of the City owned parking garage, which is connected to the new Events Center.

### **Courthouse Garage**

The loans provided the Parking System's share in the original and expanded Courthouse garage (\$4,536,500 and \$6,000,000, respectively).

### **Jefferson Street Garage**

The \$21,200,000 loan was used to finance the construction of a 1,045 space City owned parking garage.

### **Lake Eola Land Purchase**

The \$6,601,000 loan was used to finance the expansion of park space in the downtown area at Lake Eola Park.

### **Strategic Land Purchases**

The \$15,000,000 loan was used to acquire property needed for the construction of a Major League Soccer Stadium, which will be home to the Orlando City Lions.

### **Orlando Sports Holdings (OSH) Northbrook Land Purchase**

The \$6,062,000 loan was used to acquire property needed for the construction of a Major League Soccer Stadium, which will be home to the Orlando City Lions.

### **Florida Citrus Bowl Renovation**

The \$21,000,000 loan was used to finance the CRA's contribution to the stadium renovation project, per the Interlocal Agreement with the County.

### **Employer Pension Contribution FY15**

The \$4,873,000 loan was used to fund the General Fund's Employees Pension Employer Contribution for FY15. Because the General Employees' Pension Plan is closed to new hires, the City implemented an accelerated amortization of the unfunded liability in FY11 to pay down the plan's unfunded liability faster than would otherwise be required by normal amortization methods. This loan allowed the City to continue this accelerated amortization for FY15.

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The Internal Loan Fund has been funded with a combination of fixed rate (including medium term notes) and variable rate Non-Self Sufficient Debt, thus providing the City with the stability of fixed rate debt and the typically lower cost of variable rate debt. While new money bonds are always associated with a particular project, in actuality each represents debt issued for the Internal Loan Fund (the Covenant Program) and equally and separately there is a loan from the Internal Loan Fund to the specific project. All internal loans are based on a blended cost of money interest charge that is based on a weighted average of the long term fixed rate, medium term fixed rate, and short term variable rate (including related carry and hedging costs) costs.

Loans under the Internal Loan Fund program have shorter maturities than the Non-Self Sufficient Debt which funded the program. This permits the City to lend portions of the loan repayments to fund other projects. As a requirement of the Internal Loan Fund, in light of the Program's intention to mismatch loan amortizations with external debt amortizations, City staff reports to the City Council annually as to how loan amortizations will be used to meet external debt amortization requirements. The City Council is able to amend loan amortization terms (to either lengthen or shorten) at will.

Under IRS restrictions, the excess loan amortization may be used to (a) lend to fund new projects or (b) reduce the amount of debt outstanding. The following schedule compares the cumulative relendable proceeds to the external debt outstanding principal balance:

**CITY OF ORLANDO, FLORIDA**

**CITY OF ORLANDO  
INTERNAL LOAN FUND  
CALCULATION OF RELENDABLE PROCEEDS  
As of SEPTEMBER 30, 2015**

<b>Fiscal Year Ending 30-Sep</b>	<b>Beginning Relendable Balance</b>	<b>ILF Principal Amortization</b>	<b>External Principal Payments</b>	<b>Debt Service Reserve Release</b>	<b>Net Increase/ (Decrease)</b>	<b>Ending Relendable Balance</b>
2016	21,296,607	19,519,356	(6,901,000)	-	12,618,356	33,914,963
2017	33,914,963	20,274,308	(13,528,500)	-	6,745,808	40,660,771
2018	40,660,771	21,207,310	(15,763,500)	-	5,443,810	46,104,582
2019	46,104,582	20,345,634	(16,278,500)	-	4,067,134	50,171,716
2020	50,171,716	20,419,205	(16,773,500)	1,291,634	4,937,339	55,109,055
2021	55,109,055	14,656,051	(15,436,000)	-	(779,949)	54,329,105
2022	54,329,105	11,938,397	(17,976,000)	-	(6,037,603)	48,291,502
2023	48,291,502	10,809,833	(18,701,000)	1,906,500	(5,984,667)	42,306,835
2024	42,306,835	10,944,431	(16,786,000)	266,500	(5,575,069)	36,731,766
2025	36,731,766	24,940,464 (1)	(11,535,000)	582,945	13,988,409	50,720,175
2026	50,720,175	8,751,783	(10,480,000)	266,000	(1,462,217)	49,257,957
2027	49,257,957	8,375,413	(9,235,000)	266,000	(593,587)	48,664,371
2028	48,664,371	8,617,706	(9,455,000)	266,500	(570,794)	48,093,577
2029	48,093,577	6,376,291	(9,665,000)	4,292,500	1,003,791	49,097,368
2030	49,097,368	6,646,219	(7,655,000)	266,500	(742,281)	48,355,087
2031	48,355,087	6,937,544	(7,895,000)	267,000	(690,456)	47,664,631
2032	47,664,631	5,710,322	(8,150,000)	267,000	(2,172,678)	45,491,953
2033	45,491,953	5,949,611	(5,470,000)	125,500	605,111	46,097,065
2034	46,097,065	6,195,478	(4,415,000)	-	1,780,478	47,877,543
2035	47,877,543	5,939,877	(4,620,000)	-	1,319,877	49,197,420
2036	49,197,420	4,749,072	(4,835,000)	-	(85,928)	49,111,491
2037	49,111,491	3,050,034	(5,060,000)	-	(2,009,966)	47,101,526
2038	47,101,526	3,192,836	(5,300,000)	3,601,888	1,494,723	48,596,249
2039	48,596,249	3,332,549	(1,950,000)	-	1,382,549	49,978,798
2040	49,978,798	2,145,000	(2,040,000)	-	105,000	50,083,798
2041	50,083,798	2,250,000	(2,145,000)	-	105,000	50,188,798
2042	50,188,798	2,370,000	(2,250,000)	-	120,000	50,308,798
2043	50,308,798	2,485,000	(2,370,000)	-	115,000	50,423,798
2044	50,423,798	2,605,000	(2,485,000)	-	120,000	50,543,798
2045	50,543,798	2,740,000	(2,605,000)	-	135,000	50,678,798
2046	50,678,798	2,875,000	(2,740,000)	-	135,000	50,813,798
2047	50,813,798	-	(2,875,000)	-	(2,875,000)	47,938,798
		<u>\$ 276,349,724</u>	<u>\$ (263,374,000)</u>	<u>\$ 13,666,467</u>		

Notes:

(1) Includes payment of the Geico Parking Garage Loan of \$14.5 million.



# CITY OF ORLANDO, FLORIDA

## CITY ADMINISTRATION

### Management of the City

The City operates under a mayor-council form of government. The Mayor is the City's Chief Executive Officer, elected for a term of four years. In addition to serving as presiding officer and as a voting member of the City Council, the Mayor's responsibilities include the enforcement of laws, control of City departments and divisions, appointment and removal of officers and employees, supervision of City property and negotiations of contracts. The Mayor makes recommendations for creation of ordinances and resolutions to the City Council and presents the annual budget for approval.

The City Council is the legislative branch of City government and is responsible for taxation, finances, zoning regulation and boundaries. The City Council (consisting of, the Mayor elected at large as Chairman and six district commissioners) reviews plans and specifications for public improvements, enacts legislation governing City operations and approves the City budget. Commissioners are elected on a district-wide basis for four-year terms on a two-year staggered basis.

The Mayor is the Chief Executive Officer with eight departments reporting to him: Business & Financial Services; Economic Development; Families, Parks and Recreation; Fire; Housing and Community Development; Orlando Venues; Police; and Public Works. The Mayor is assisted in the day-to-day oversight of city operations by the Chief Administrative Officer. Separately, under the Mayor's Chief of Staff, there are five offices: the City Clerk; Communications and Neighborhood Relations; Community Affairs; Constituent Relations; and Intergovernmental Relations.

Mayor Buddy Dyer is a native of Central Florida, born in Orlando and raised in the nearby City of Kissimmee. Following graduation from high school, he was awarded a scholarship to Brown University where his studies were concentrated on civil engineering. Upon graduation, Mayor Dyer returned to Orlando to work as an environmental engineer, later enrolling in the University of Florida Law School, where he was named editor-in-chief of the University of Florida Law Review. Following graduation from law school, Mayor Dyer began his legal career with the Orlando law firm of Winderweedle, Haines, Ward & Woodman. Prior to becoming Mayor, Buddy Dyer served the Orlando area for ten years as a State Senator in the Florida Legislature. Mayor Dyer was first elected in 2003 to fill an unexpired term and was subsequently re-elected to full-four year terms commencing in 2004, 2008, 2012 and 2016.

### Financial and Budgetary Support Systems

The Chief Financial Officer ("CFO") is responsible for the oversight of the City's financial affairs. This includes the functions of accounting, accounts payable, accounts receivable, operating and capital budgeting, fleet management, facilities management, real estate management, financial forecasting, financial reporting, debt management, grants management, investment management, investor relations, payroll, pension management, purchasing, risk management, and technology management. In addition, the CFO provides counseling to various departments and business units and is an active participant in strategic planning activities.

The City has gained recognition for its Comprehensive Annual Financial Report. A Certificate of Achievement for Excellence in Financial Reporting has been awarded to the City by the Government Finance Officers Association of the United States and Canada ("GFOA") for each Fiscal Year since 1978. The City was also an early participant in the GFOA's Distinguished Budget Presentation Awards program and received the budget award for its budget document for Fiscal Years 1984 through 1989. Due to perceived problems with consistency in the budget awards program at the time, the City elected to discontinue participation but maintain internally the high standards which had been recognized. In light of substantial changes to the program, the City resumed its participation beginning with its Fiscal Year 2004 Budget document. The City has been awarded the Distinguished Budget Presentation Award for each Fiscal Year since 2004.

## CITY OF ORLANDO, FLORIDA

Rebecca W. Sutton\* was appointed Chief Financial Officer on December 5, 2005. Before joining the City, she served the State of Florida as its Deputy Chief Financial Officer from September 2002 to December 2005; and as Deputy Secretary/CIO for the Department of Management Services from December 2001 to September 2002. Prior to her service with the State, Ms. Sutton worked for American Management Systems (AMS) implementing ERP-like system projects for large state and local governments. Before joining AMS, she served as the Controller for the City of Dallas and the Director of Finance for Carrollton, Texas. Ms. Sutton began her career as an auditor for state and local governments for a worldwide accounting firm. She holds a Bachelor of Business Administration from Texas Tech University and a Master of Business Administration from the University of Florida.

Christopher P. McCullion\* was appointed Deputy Chief Financial Officer on February 16, 2015. Prior to his appointment, Mr. McCullion served as the City Treasurer for the City of Orlando. He has served in various positions in municipal government since 2000 in the areas of operating and capital budgeting, investment management, debt management and economic development. He holds a Bachelor of Science in Business Administration, a Bachelor of Arts in Political Science, and a Master of Business Administration, all from the University of Florida.

Brian C. Battles was appointed Deputy Chief Financial Officer on February 16, 2015. Prior to his appointment, Mr. Battles served as the Budget Division Manager for the City of Orlando. He has served in various positions within higher education, state and local government since 2002 in the areas of financial management, governmental affairs, debt management and operating and capital budgeting. He holds a Bachelor of Science in Business Administration with a focus on Finance and Economics from the University of Central Florida as well as a Master of Science in Political Science from Florida State University.

Katrina Laudeman was appointed City Treasurer on May 11, 2015. Prior to her appointment, Ms. Laudeman was Treasury Manager and has held various positions within the Treasury Division, primarily focusing on investments and debt management. Ms. Laudeman holds a Bachelor of Science in Business Administration from the University of Central Florida.

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\* Ms. Sutton announced she will retire effective July 1, 2016. On February 29, 2016, the City Council approved the Mayor's appointment of Mr. McCullion to become the City's Chief Financial Officer effective July 3, 2016.

# KEEP OUR COMMUNITY SAFE



PEDESTRIAN SAFETY

- Reducing Property Crime
- It Takes Courage
- Engaging Residents
- Best Foot Forward
- Adding Police & Firefighters
- Take Heart Orlando
- Engaging our Youth
- Tools, Training and Technology



# 138

New officers and firefighters since 2003

## LOOKING AHEAD PUBLIC SAFETY IN ORLANDO

- Launch a dating violence education program
- Open the new Orlando Police Headquarters in 2016
- Invest in innovative and cutting-edge technology
- New Computer Aided Dispatch system for 911
- Increase driver yield rates for pedestrians to 60%
- Achieve accreditation for OFD Fire Based Transport
- Expand the life-saving training of Take Heart Orlando to students
- Begin construction of the new Fire Station 2
- Implement advanced crime data reporting



NEW OPD HEADQUARTERS



ADDING FIREFIGHTERS



Crime is down

# 20%

since 2007.

**CITY OF ORLANDO, FLORIDA**

**WASTEWATER SYSTEM FUND  
BOND DISCLOSURE SUPPLEMENT**

**SUMMARY INFORMATION  
As of September 30, 2015**

<b>Individual Bond Issues:</b>	<u>Outstanding</u>	<u>Ratings (1)</u>	<u>Bond Insurer</u>	<u>Paying Agent</u>	<u>Maturity</u>
Fixed Rate:					
Wastewater System Refunding and Improvement Revenue Bonds, Series 2013	\$ 34,915,000	Aa2/AA+/AAA	N/A	Wells Fargo	10/1/2032
Total Debt Outstanding	<u>\$ 34,915,000</u>				
Debt Service Reserve:	<u>\$ 2,930,551</u>				
(1) Moody's/S&P/Fitch.					
<b>Revenue Pledge:</b>					
Primary:					
Wastewater System Gross Revenues					
Secondary:					
Utilities Services Tax Revenues					
<b>State Revolving Fund:</b>	<u>\$ 56,964,775</u>	N/A	N/A	N/A	

# **CITY OF ORLANDO, FLORIDA**

## **INTRODUCTION**

The Wastewater System consists of a network of approximately 870 miles of gravity sewers, 225 lift stations, approximately 170 miles of force mains, three service areas, and three wastewater treatment plants.

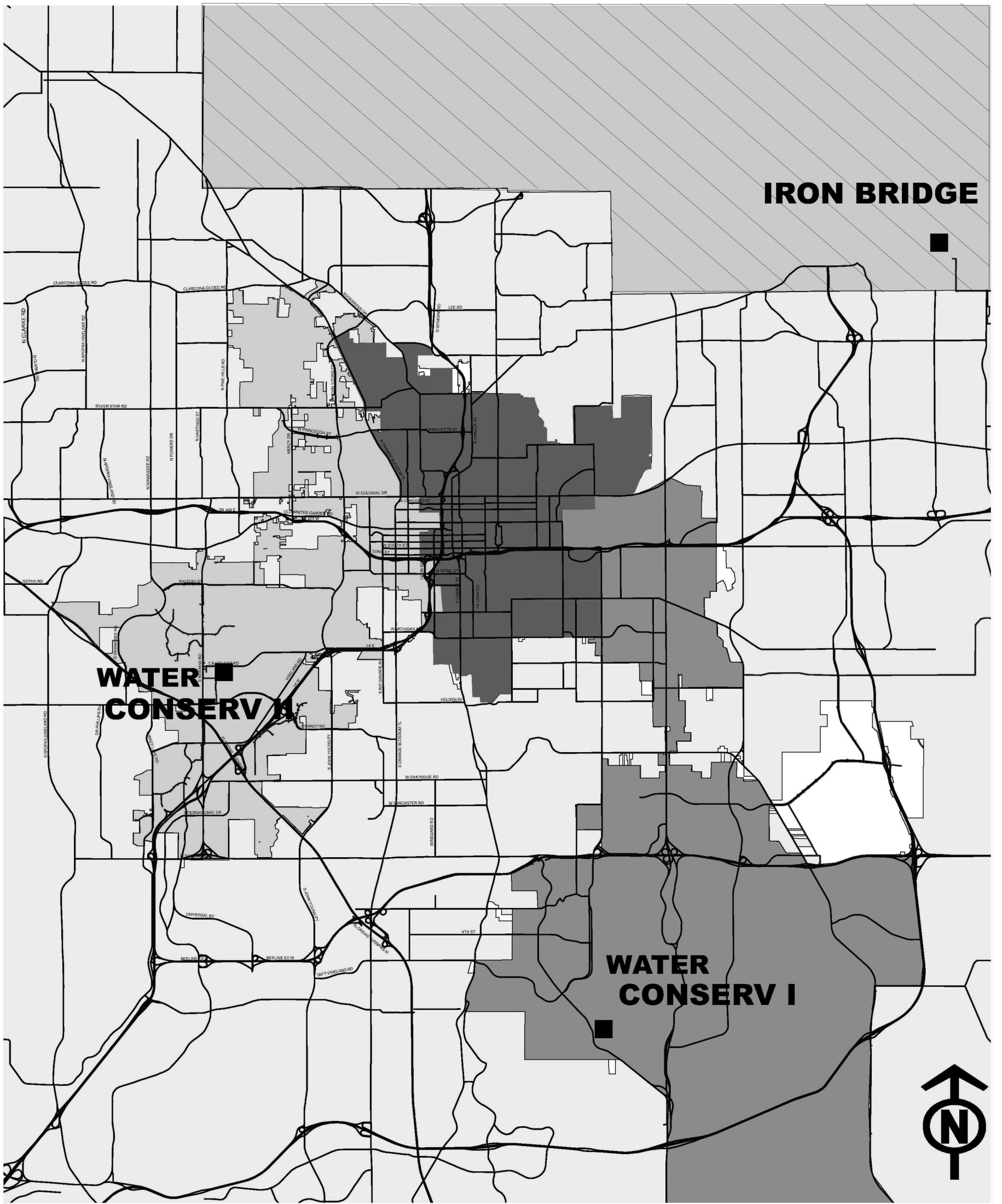
The System currently provides treatment capacity to the City and a number of other jurisdictions (portions of unincorporated Orange and Seminole Counties, and the Cities of Casselberry, Maitland and Winter Park) servicing approximately 280,000 residents. The System has historically been divided into the easterly and westerly subsystems. The easterly subsystem is served by the 40 million gallons per day (MGD) facility known as the Iron Bridge Regional Water Reclamation Facility (the "Iron Bridge Plant"), and the 7.5 MGD Water Conserv I Water Reclamation Facility (the "Conserv I Plant"). The westerly subsystem is served by a 21 MGD facility known as the Water Conserv II Water Reclamation Facility (the "Conserv II Plant"). The map on the following page more clearly defines the related service areas for the City's three water reclamation facilities.

### **City/County Territorial Agreement**

On May 4, 1994, a Wastewater Service Territorial Agreement (the Agreement) was entered into between the City of Orlando and Orange County in order to define the City's service area. Pursuant to the Agreement, the City agreed to annex and/or provide wastewater service to its expanded territorial area of approximately 18,500 acres (28.9 square miles). As of September 30, 2000, approximately 10,204 acres located adjacent to and southeast of Orlando International Airport, approximately 178 acres of commercial and residential property in the Ardsley Manor area, and residential property in the Hidden Beach and Beverly Shores areas were annexed into the City. This was followed in 2004/2005 with the annexation of the Dubsdread, Michigan Avenue, Lake Fairview and Albert Shores/Lake Holden Terrace neighborhoods.

Pursuant to the Agreement, Orange County has redirected its flows (Pine Hills and Hiawasse area) from the Conserv II Plant to its own treatment facility, thereby freeing up 2.8 MGD of capacity at the Conserv II Plant for future City customers in the Conserv II service area. A connection remains to allow flows to be diverted back to the City's System in the event the County experiences problems with its system or a pipeline failure.

The City has established a policy to allow for certain credits on wastewater connection and construction costs that are incurred by new customers in the City's Wastewater Territorial Area (Unincorporated Orange County), provided that these new customers are annexed into the City. The costs of these credits will be divided between the Wastewater System's General Construction Fund and the City's General Fund.



**CITY OF ORLANDO**

PUBLIC WORKS DEPARTMENT  
WASTEWATER DIVISION

**WASTEWATER  
SERVICE AREAS**

**Legend**

- WATER RECLAMATION FACILITY SITES
- MAJOR ROADS
- IRON BRIDGE SERVICE AREA
- WATER CONSERV I SERVICE AREA
- ORANGE COUNTY
- WATER CONSERV II SERVICE AREA
- SEMINOLE COUNTY

# CITY OF ORLANDO, FLORIDA

## OUTSTANDING INDEBTEDNESS

### Outstanding Bond Issues

As of September 30, 2015, the Wastewater System had one outstanding bond issue that is described below.

The Series 2013 Bonds were issued to refund and defease the City's outstanding Series 2002A Waste Water System Refunding Revenue Bonds and the Series 2006A Waste Water System Refunding Revenue Bonds as well as to finance the Series 2013 Waste Water System Projects. The projects to be funded by the Series 2013 Bonds fall into three general categories, including renewal and replacement, upgraded treatment, and capacity increases. The Bonds are callable at par on or after October 1, 2023.

The following table shows the debt service requirements (principal and interest) for the Wastewater System's individual bond issues which are outstanding at September 30, 2015.

<b>Year Ending</b>	<b>Series 2013</b>			
	<b>9/30</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2016	\$	1,305,000	\$ 1,558,775	\$ 2,863,775
2017		1,370,000	1,505,600	2,875,600
2018		1,415,000	1,456,750	2,871,750
2019		1,470,000	1,391,700	2,861,700
2020		1,545,000	1,316,325	2,861,325
2021		1,620,000	1,245,300	2,865,300
2022		1,685,000	1,170,775	2,855,775
2023		1,770,000	1,084,400	2,854,400
2024		1,855,000	993,775	2,848,775
2025		1,950,000	927,900	2,877,900
2026		1,990,000	858,650	2,848,650
2027		2,090,000	756,650	2,846,650
2028		2,195,000	649,525	2,844,525
2029		2,305,000	537,025	2,842,025
2030		2,420,000	418,900	2,838,900
2031		2,540,000	313,950	2,853,950
2032		2,630,000	203,750	2,833,750
2033		2,760,000	69,000	2,829,000
	\$	34,915,000	\$ 16,458,750	\$ 51,373,750

# CITY OF ORLANDO, FLORIDA

## REVENUES OF THE SYSTEM

### Rate Structure

The City allocates costs among all users by using a capacity/commodity method the City has utilized since 1984. This method distinguishes between capacity (capital) costs and commodity (operating) costs. Capital costs are identified and allocated to each user through a fixed monthly capacity charge based on Equivalent Residential Connections (ERC's). For residential users (both single and multifamily), a dwelling unit is equal to one ERC. One ERC is equal to 7,000 gallons per month. For commercial customers, the number of ERC's is determined based on a 12-month moving average of flows. In addition, operating, maintenance and equipment replacement costs are recovered through a usage-based commodity charge. Each user is billed based on each 1,000 gallons of actual water use. Both commodity and capacity charges are pledged revenues under the Series 2013 Bonds, but impact fees are not included as pledged revenues under the bonds.

Single-family residences are billed for wastewater using only the first 14,000 gallons of metered water usage per month on the assumption that usage above 14,000 gallons is for non-wastewater purposes, such as lawn irrigation. There are two separate classes of multifamily billings. Flat rate multifamily units are billed a monthly fee covering the capacity charge and commodity charges based upon an assumed usage of 4,200 gallons per month for one bedroom and efficiency apartment units and 6,000 gallons per month for two or more bedroom apartment units. Master-metered multifamily units, like commercial users, are billed on the basis of metered water usage.

Raftelis Financial Consultants, Inc. performed a review of the rates in early 2009 and concluded that it would be necessary for the City to increase both capacity and commodity rates. A three-year series of rate increases was adopted by City Council on September 21, 2009 and became effective on October 1, 2009. Both rate components were increased by 12% in October 2009, 10% in October 2010, and 8% in October 2011. They will automatically increase by 5% each year thereafter unless such increases are not deemed necessary by the City Council. The first such automatic increase took effect on October 1, 2012.

The City's rate structure includes a 25% surcharge for Out-of-City customers as authorized under Florida Statutes, Section 180.191. This rate differential is based on the higher cost of servicing Out-of-City customers and in consideration of the contribution in taxes paid by the In-City customers, particularly through the Utilities Services Tax which is a surcharge levied on In-City utilities bills. Approximately half of the System's customers reside outside the corporate limits of the City. However, most of these are served through wholesale agreements with other governmental entities and are billed by those entities under their own rate structures. Of the individual customers billed directly by the City, approximately 3% reside outside the corporate limits of the City.



## CITY OF ORLANDO, FLORIDA

### Operating Revenues

Operating revenues are derived from the rates charged for wastewater treatment and related services provided by the System. The current rate schedule adopted by the City Council and the associated average monthly bill for the fiscal year beginning October 1, 2015 is as follows:

	<u>Fixed Charge per ERC</u>	<u>Charge per 1000 Gallons</u>	<u>Average Monthly Bill</u>
Single-family (1)			
In-City	\$ 18.73	\$ 4.52	\$ 48.11
Out-of-City	23.42	5.64	60.08
Multi-family (2)			
In-City			
One bedroom or efficiency	N/A	N/A	37.71
Two or more bedrooms	N/A	N/A	45.85
Out-of-City			
One bedroom or efficiency	N/A	N/A	47.11
Two or more bedrooms	N/A	N/A	57.26
Commercial (3)			
In-City	18.73	4.52	431.76
Out-of-City	23.42	5.64	539.10

- (1) Average water use per bill for single family dwellings was assumed to be 6,500 gallons per month.
- (2) Multi-family rates are a flat rate per month and not based on usage.
- (3) Average monthly rates shown on this table for commercial users assume 60,000 gallons of usage per month and apply the fixed charge for every 7,000 gallons of usage (rounded to the nearest tenth when divided into 60,000 gallons).

Source: City of Orlando Office of Business & Financial Services.

### Comparative Wastewater Rates

The System's rates were compared with those of other Florida counties and municipalities, including neighboring communities, which compete with the City for development. The comparative rates are presented in the table on the following page:

# CITY OF ORLANDO, FLORIDA

## Comparative Single-Family Monthly Rates Effective October 1, 2015

	Fixed Charge	Rate per 1,000 gallons	Average Monthly Bill <sup>1</sup>	Maximum	
				Charge	Gallons <sup>2</sup>
Oviedo	\$ 23.47	\$ 4.31	\$ 51.49	\$ 66.57	10
Seminole County	20.49	4.66	50.78	90.39	15
Gainesville	9.00	6.20	49.30	N/A <sup>3</sup>	N/A
Kissimmee <sup>4</sup>	12.85	5.57	49.06	N/A	N/A
Orlando	18.73	4.52	48.11	82.01	14
Hillsborough County <sup>5</sup>	17.66	4.38	46.13	52.70	8
Brevard County (North)	19.25	4.07	45.71	68.09	12
St. Petersburg <sup>6</sup>	12.45	4.77	43.46	N/A	N/A
Orange County	15.71	3.57	38.92	65.69	14

- (1) Assumes 6,500 gallons average monthly usage.
- (2) In 1,000's of gallons.
- (3) Based on actual water usage during January and February billings periods; for all other months, based on the lesser of actual water usage or the "winter maximum."
- (4) If water usage is less than 2,000 gallons, the rate per 1,000 gallons drops to \$1.62.
- (5) Fixed charge includes billing charge of \$4.05 for all customer classes.
- (6) Effective November 1, 2015.

Source: Official websites of the above entities.

## UTILITIES SERVICES TAX

Florida law authorizes any municipality in the State to levy a utilities service tax on the purchase within such municipality of electricity, metered natural gas, liquefied petroleum gas either metered or bottled, manufactured gas either metered or bottled, water service and fuel oil as well as any services competitive with those specifically enumerated. This tax may not exceed 10% of the payments received by the sellers of such utilities services from purchasers (except in the case of fuel oil, for which the maximum tax is four cents per gallon). The purchase of natural gas, manufactured gas or fuel oil by a public or private utility either for resale or for use as fuel in the generation of electricity, or the purchase of fuel oil or kerosene for use as an aircraft engine fuel or propellant or for use in internal combustion engines, is exempt from the levy of such tax.

Pursuant to the Constitution of the State of Florida, Florida Statutes and the Code of the City (the "City Code"), the City levies a Utilities Services Tax, also referred to herein as Public Services Tax, within the incorporated area of the City at the rate of 10% on sales of all utility services for which it is allowed to tax with the restriction that the tax on fuel oil cannot exceed four cents per gallon. The City Code exempts from levy of such Utilities Services Tax (a) purchases of special fuels for use as airplane engine fuel or propellant, (b) purchases of special fuels to be used as raw material in a manufacturing process or a cleaning agent or solvent, (c) purchases of special fuels for use in an internal combustion engine to propel any form of vehicle, and (d) "fuel adjustment charges," which means any increases in the cost of utility service to the ultimate consumer resulting from an increase in the cost of fuel to the utility subsequent to October 1, 1973. Under the City Code, the purchase of fuel oil to be used as a raw material in a manufacturing process or to be used as a cleaning agent or solvent is excluded from the tax.

Florida law provides that a municipality may exempt from the utilities services tax the first 500 kilowatt hours of electricity purchased per month for residential use. The City has not adopted such an exemption but it does exempt purchases by the United States Government, the State, the County, the City and its agencies, boards,

## CITY OF ORLANDO, FLORIDA

commissions and authorities from the levy of such tax. In addition, the City exempts purchases used exclusively for church purposes by any State recognized church.

The Utilities Services Tax must be collected by the seller from purchasers at the time of sale and remitted to the City as prescribed by the City Code. Such tax will appear on a periodic bill rendered to consumers for electricity, metered and bottled gas, water service and fuel oil. The seller is liable for taxes that are due and not remitted to the City.

The following table sets forth the amount of Utilities Services Tax collected by the City for the last five years and budgeted for 2014. In the past, a portion of the Communications Services Tax collected by the City was a part of the Utilities Services Tax pledge, but it is no longer part of the pledge under the 2013 bond ordinance. The table below reflects the Utilities Services Tax collections net of the Communications Services Tax Collections for prior years.

### Utilities Services Tax Actual (Historical) and Budgeted Revenues (In Thousands)

	Actual (Historical) as of September 30, 2015					Budgeted
	2011	2012	2013	2014	2015	2016
Electric	\$ 29,817	\$ 28,858	\$ 27,676	\$ 28,836	\$ 28,958	\$ 28,421
Other	686	798	1,068	1,279	1,383	901
Total Utility Services Tax	\$ 30,503	\$ 29,656	\$ 28,744	\$ 30,115	\$ 30,341	\$ 29,322

Source: City's Office of Business & Financial Services

### Pledge and Disposition of the Utilities Services Tax

The principal and interest on the Series 2013 Bonds are additionally payable from and secured equally and ratably by a pledge of and lien upon the Pledged Utilities Services Tax.

The pledge of and lien on the Utilities Services Tax is junior and subordinate in all respects to any pledge thereof or lien thereon with respect to Senior Lien Utilities Services Tax Obligations incurred in accordance with the Master Bond Ordinance. The City reserves the right to incur obligations that may be secured by a lien on and pledge of the Utilities Service Tax that is prior and superior to the pledge of and lien on the Pledged Utilities Services Tax under this Ordinance so long as, at the time of issuance of any such Senior Lien Utilities Services Tax Obligations, the amount of the Utilities Services Tax collected in any twelve (12) consecutive months of the preceding thirty (30) months is not less than 1.50 times the maximum annual debt service on the Senior Lien Utilities Services Tax Obligations to be outstanding following the issuance of the Senior Lien Utilities Services Tax Obligations proposed to be issued, calculated in a manner substantially consistent with the methodology, assumptions and permitted adjustments provided in the Master Bond Ordinance with respect to the issuance of Additional Parity Obligations.

Whenever by reason of the insufficiency of Gross Revenues, the City is not able to fund the Costs of Operation and Maintenance or to make deposits required to be made into the Bond Service Fund or the Debt Service Reserve Fund, the City shall deposit Utilities Services Tax revenues available after satisfying current funding requirements with respect to Senior Lien Utilities Services Tax Obligations in amounts necessary to cure such deficiencies to the credit of the Revenue Fund and apply the same in the priority provided in the Master Bond Ordinance.

Pledged Utilities Services Tax proceeds not required in any month to cure deficiencies may be applied by the City for any lawful purpose.

## **CITY OF ORLANDO, FLORIDA**

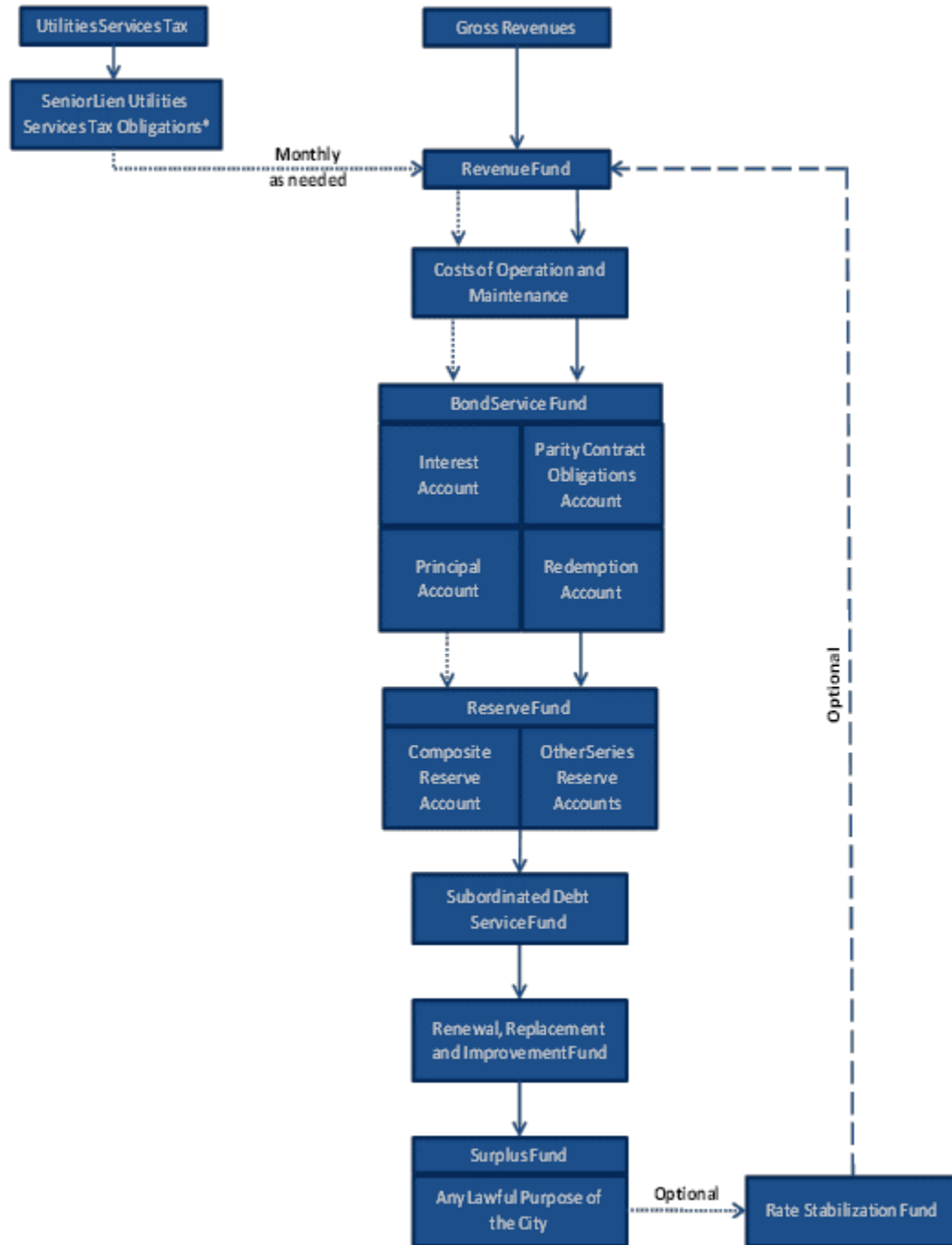
So long as any principal of or interest on any of the Bonds are Outstanding, the City will continue to levy and collect the Utilities Services Tax at the rate levied on the date of enactment of the Ordinance and will not repeal, amend or modify the ordinance levying the Utilities Services Tax in any manner so as to impair or adversely affect the power and obligation of the Issuer to levy and collect the Utilities Services Tax in any manner, the pledge of the Pledged Utilities Services Tax made herein, or the rights of the Bondholders.

The City has the power under Section 166.271, Florida Statutes, to irrevocably pledge the Pledged Utilities Services Tax in the manner provided in the Ordinance and that such pledge will not be subject to repeal or impairment by any subsequent ordinance or other proceeding of the governing body of the City.

# CITY OF ORLANDO, FLORIDA

## FLOW OF FUNDS CHART

The following chart depicts the flow of the Wastewater System Gross Revenues and the Utilities Services Tax.



\* Currently there are no Senior Lien Utilities Services Tax Obligations outstanding.

## **CITY OF ORLANDO, FLORIDA**

### **SYNOPSIS OF WASTEWATER SYSTEM REVENUE BOND COVENANTS**

The City will fix, establish, revise from time to time whenever necessary, maintain and collect always such fees, rates, rentals and other charges for the use of the products, services and facilities of the System which will always provide, Pledged Revenues in each Fiscal Year sufficient to pay one hundred twenty-five percent (125%) of the Bond Service Requirement on all Outstanding Bonds in the applicable Bond Year.

In addition to compliance with the paragraph above, Pledged Revenues in each Fiscal Year shall also be sufficient to provide one hundred percent (100%) of the Bond Service Requirement on all Outstanding Bonds in the applicable Bond Year, any amounts required by the terms hereof to be deposited into the Reserve Fund, the Renewal, Replacement and Improvement Fund and debt service on other obligations payable from the Net Revenues of the System, and other payments, and all allocations and applications of revenues herein required in such Fiscal Year.

Net Revenues shall not be reduced so as to render them insufficient to provide revenues for the purposes provided therefor by this Ordinance.

For a summary of the calculation of the historical debt service coverages, see the table "Summary of Historical Debt Service Coverages" herein.

### **FINANCIAL PERFORMANCE**

The following four pages display recent financial performance information for the Wastewater Fund.

# CITY OF ORLANDO, FLORIDA

## STATEMENT OF NET POSITION WASTEWATER SYSTEM FUND

	SEPTEMBER 30, 2015				
	2011	2012	2013	2014	2015
<b>ASSETS</b>					
Current Assets:					
Cash and Cash Equivalents	\$ 38,749,674	\$ 51,739,617	\$ 108,607,945	\$ 132,466,565	\$ 154,650,140
Accounts Receivable (Net)	5,075,682	5,576,531	5,933,853	6,184,241	6,397,989
Due From Other Governments	920,798	1,631,264	1,685,966	1,332,222	854,643
Inventories	574,612	516,541	516,541	473,679	334,069
Prepaid Items	5,750	48,176	-	-	-
<b>Total Current Assets</b>	<b>45,326,516</b>	<b>59,512,129</b>	<b>116,744,305</b>	<b>140,456,707</b>	<b>162,236,841</b>
Non-Current Assets:					
Restricted:					
Cash and Cash Equivalents	25,498,142	25,133,784	14,393,329	13,267,697	14,627,310
Investments	20,413,170	20,421,314	8,627,797	8,659,761	8,673,266
Accounts Receivable (Net)	-	1,000,000	1,000,000	800,000	-
Capital Assets:					
Artwork	-	-	-	-	4,270
Land	30,132,507	30,175,165	30,175,165	30,195,840	31,268,052
Buildings	162,066,467	162,066,467	162,066,467	162,066,467	162,141,101
Improvements Other Than Buildings	158,604,628	183,418,418	209,434,519	230,876,660	270,810,418
Equipment	151,081,733	151,659,649	91,340,072	95,226,971	52,926,370
Software	-	26,126	126,827	243,100	-
Wastewater and Stormwater Lines and Pumpstations	306,861,803	334,813,204	335,588,512	339,612,107	353,088,079
Less Accumulated Depreciation	(449,542,667)	(469,777,698)	(431,780,872)	(457,753,891)	(477,159,734)
Construction in Process	85,473,196	40,385,372	29,368,564	24,660,092	35,838,984
Unamortized Bond Costs	1,399,041	1,509,803	-	-	-
<b>Total Non-Current Assets</b>	<b>491,988,020</b>	<b>480,831,604</b>	<b>450,340,380</b>	<b>447,854,804</b>	<b>452,218,116</b>
<b>Total Assets</b>	<b>537,314,536</b>	<b>540,343,733</b>	<b>567,084,685</b>	<b>588,311,511</b>	<b>614,454,957</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>					
Deferred Expense on Refunding Bonds	-	-	268,298	-	-
Deferred Outflows - Pension Related	-	-	-	-	1,034,611
<b>Total Deferred Outflows</b>	<b>-</b>	<b>-</b>	<b>268,298</b>	<b>-</b>	<b>1,034,611</b>
<b>LIABILITIES</b>					
Current Liabilities:					
Accounts Payable	5,732,686	4,306,429	4,049,736	5,526,767	4,931,303
Accrued Liabilities	354,029	303,640	360,564	133,240	163,422
Accrued Interest Payable	1,396,723	983,703	1,105,769	1,091,689	1,098,695
Compensated Absences	122,984	117,614	121,501	124,438	93,457
Advance Payments	15,913,635	21,647,258	25,788,375	26,878,222	28,079,116
Current Portion of Loans Payable	2,359,514	2,351,171	2,738,204	2,931,052	3,392,818
Current Portion of Bonds Payable	9,590,000	10,115,000	-	1,255,000	1,305,000
<b>Total Current Liabilities</b>	<b>35,469,571</b>	<b>39,824,815</b>	<b>34,164,149</b>	<b>37,940,408</b>	<b>39,063,811</b>
Non-Current Liabilities:					
Compensated Absences	1,414,310	1,352,557	1,397,262	1,431,033	1,074,752
Net Pension Liability	-	-	-	-	2,662,338
Loans Due After One Year	45,799,834	44,832,054	47,718,860	49,125,348	53,571,957
Bonds Payable After One Year	31,500,706	21,395,144	42,935,985	41,082,692	39,200,158
<b>Total Non-Current Liabilities</b>	<b>78,714,850</b>	<b>67,579,755</b>	<b>92,052,107</b>	<b>91,639,073</b>	<b>96,509,205</b>
<b>Total Liabilities</b>	<b>114,184,421</b>	<b>107,404,570</b>	<b>126,216,256</b>	<b>129,579,481</b>	<b>135,573,016</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>					
Deferred Inflows - Pension Related	-	-	-	-	146,210
<b>NET POSITION</b>					
Net Investment in Capital Assets	368,743,851	367,327,952	370,947,013	364,504,046	359,666,391
Restricted:					
Debt Service	19,129,928	19,997,967	7,172,277	7,684,581	8,587,459
Renewal and Replacement	7,647,695	6,669,579	6,105,986	5,224,517	7,106,343
Contractual Obligations	5,767,338	6,094,787	5,641,886	4,939,428	3,502,307
Unrestricted	21,841,303	32,848,878	51,269,565	76,379,458	100,907,842
<b>Total Net Position</b>	<b>\$ 423,130,115</b>	<b>\$ 432,939,163</b>	<b>\$ 441,136,727</b>	<b>\$ 458,732,030</b>	<b>\$ 479,770,342</b>

**CITY OF ORLANDO, FLORIDA**

**CITY OF ORLANDO  
WASTEWATER SYSTEM FUND  
SUMMARY OF HISTORICAL OPERATIONS  
(In Thousands)**

	Actual (Historical) As of September 30, 2015					Budgeted
	2011	2012	2013	2014	2015	2016(1)
Operating Revenues:						
User Charges	\$ 68,473	\$ 74,974	\$ 80,191	\$ 83,181	\$ 89,876	\$ 84,228
Fees and Other					-	
Operating Revenues	<u>603</u>	<u>917</u>	<u>896</u>	<u>1,309</u>	<u>85</u>	<u>515</u>
Total Operating Revenue	<u>69,076</u>	<u>75,891</u>	<u>81,087</u>	<u>84,490</u>	<u>89,961</u>	<u>84,743</u>
Operating Expenses:						
Salaries, Wages, and Employee Benefits	16,903	15,715	16,889	16,873	15,592	19,061
Contractual Services, Materials, Supplies and Other Expenses	<u>29,775</u>	<u>26,720</u>	<u>29,079</u>	<u>30,821</u>	<u>30,182</u>	<u>26,988</u>
Total Operating Expenses	<u>46,678</u>	<u>42,435</u>	<u>45,968</u>	<u>47,694</u>	<u>45,774</u>	<u>46,049</u>
Net Operating Income	<u>22,398</u>	<u>33,456</u>	<u>35,119</u>	<u>36,796</u>	<u>44,187</u>	<u>38,694</u>
Non-Operating Revenues						
Interest on Investment:						
Operations	178	914	(311)	968	613	363
Capital (2)	1,158	1,840	(757)	1,806	955	-
Impact Fee	<u>625</u>	<u>1,190</u>	<u>(267)</u>	<u>856</u>	<u>489</u>	<u>-</u>
Total Interest Revenues	<u>1,961</u>	<u>3,944</u>	<u>(1,335)</u>	<u>3,630</u>	<u>2,057</u>	<u>363</u>
Impact Fees:						
Plant Expansion	1,497	959	4,161	4,597	4,524	-
Collection System	<u>213</u>	<u>130</u>	<u>547</u>	<u>626</u>	<u>599</u>	<u>-</u>
Total Impact Fee Revenues	<u>1,710</u>	<u>1,089</u>	<u>4,708</u>	<u>5,223</u>	<u>5,123</u>	<u>-</u>
Total Non-Operating Revenues	<u>3,671</u>	<u>5,033</u>	<u>3,373</u>	<u>8,853</u>	<u>7,180</u>	<u>363</u>
Income Before Extraordinary Losses, Depreciation, Interest Expense, and Dividend	<u>\$ 26,069</u>	<u>\$ 38,489</u>	<u>\$ 38,492</u>	<u>\$ 45,649</u>	<u>\$ 51,367</u>	<u>\$ 39,057</u>

Source: Historical information from the City's annual audited financial statements.

- (1) Based on 2015-2016 Wastewater Budget.  
(2) Interest earnings on certain Capital accounts are not included in the Debt Service Coverage schedule.



# CITY OF ORLANDO, FLORIDA

## STATEMENT OF CASH FLOWS WASTEWATER SYSTEM FUND

	FOR THE YEAR ENDED SEPTEMBER 30, 2015				
	2011	2012	2013	2014	2015
<b>Increase (Decrease) in Cash and Cash Equivalents:</b>					
<b>Cash Flows from Operations:</b>					
Receipts from Customers	\$ 59,942,885	\$ 64,515,560	\$ 80,435,422	\$ 84,573,618	\$ 91,025,027
Payments to Suppliers	(25,567,387)	(25,013,430)	(27,552,510)	(26,307,960)	(27,913,340)
Payments to Employees	(10,210,887)	(10,142,239)	(10,377,747)	(10,839,863)	(10,609,405)
Payments to Internal Service Funds and Administrative Fees	(12,898,997)	(12,744,387)	(12,631,246)	(14,234,165)	(15,227,267)
<b>Net Cash Flows Provided by Operating Activities</b>	<b>11,265,614</b>	<b>16,615,504</b>	<b>29,873,919</b>	<b>33,191,630</b>	<b>37,275,015</b>
<b>Cash Flows from Noncapital Financing Activities:</b>					
Transfers In	-	204,428	-	-	-
Transfers (Out)	(156,186)	(545,147)	(1,544,114)	(216,689)	(230,705)
<b>Net Cash Flows from Noncapital Financing Activities</b>	<b>(156,186)</b>	<b>(340,719)</b>	<b>(1,544,114)</b>	<b>(216,689)</b>	<b>(230,705)</b>
<b>Cash Flows from Capital and Related Financing Activities:</b>					
Proceeds from Bonds, Loans, and Advances	1,843,111	3,054,200	50,696,637	6,316,381	9,352,874
Additions to Capital Assets	(15,358,699)	(10,308,377)	(13,813,929)	(18,891,064)	(27,321,906)
Principal Paid on Bonds, Interfund Loans, Loans & Leases	(11,306,474)	(13,620,323)	(14,390,188)	(4,717,045)	(6,277,033)
Payment for Bond Refunding	-	-	(21,405,000)	-	-
Interest Paid on Bonds, Interfund Loans, Loans and Leases	(3,210,893)	(2,780,462)	(2,470,308)	(2,866,598)	(734,034)
Capital Contribution Other Governments, Developers and Funds	783,426	587,061	123,613	6,194	2,318,893
Impact Fees Received	9,768,333	15,773,487	8,849,228	6,312,300	6,324,094
Deferred Expense on Refunding Bonds	-	-	(250,374)	-	-
Bond Issuance Cost Paid	-	(239,886)	-	-	-
Proceeds from Sale of Capital Assets	-	-	-	-	792,692
<b>Net Cash Flows from Capital and Related Financing Activities</b>	<b>(17,481,196)</b>	<b>(7,534,300)</b>	<b>7,339,679</b>	<b>(13,839,832)</b>	<b>(15,544,420)</b>
<b>Cash Flows from Investing Activities:</b>					
Purchases of Investments	(7,449,551)	(8,495,976)	(5,736,812)	(32,393)	(14,613)
Proceeds from Sales and Maturities of Investments	7,378,171	8,487,832	17,530,329	429	1,108
Interest (Loss) on Investments	1,961,290	3,893,244	(1,335,128)	3,629,843	2,056,803
<b>Net Cash Flows from Investing Activities</b>	<b>1,889,910</b>	<b>3,885,100</b>	<b>10,458,389</b>	<b>3,597,879</b>	<b>2,043,298</b>
<b>Net Increase (Decrease) in Cash and Cash Equivalents</b>	<b>(4,481,858)</b>	<b>12,625,585</b>	<b>46,127,873</b>	<b>22,732,988</b>	<b>23,543,188</b>
Cash and Cash Equivalents at Beginning of Year	68,729,674	64,247,816	76,873,401	123,001,274	145,734,262
<b>Cash and Cash Equivalents at End of Year</b>	<b>\$ 64,247,816</b>	<b>\$ 76,873,401</b>	<b>\$ 123,001,274</b>	<b>\$ 145,734,262</b>	<b>\$ 169,277,450</b>
<b>Classified As:</b>					
Current Assets	\$ 38,749,674	\$ 51,739,617	\$ 108,607,945	\$ 132,466,565	\$ 154,650,140
Restricted Assets	25,498,142	25,133,784	14,393,329	13,267,697	14,627,310
<b>Totals</b>	<b>\$ 64,247,816</b>	<b>\$ 76,873,401</b>	<b>\$ 123,001,274</b>	<b>\$ 145,734,262</b>	<b>\$ 169,277,450</b>

**CITY OF ORLANDO, FLORIDA**

**CITY OF ORLANDO  
WASTEWATER SYSTEM FUND  
SUMMARY OF HISTORICAL DEBT SERVICE COVERAGES  
(In Thousands)**

	Actual (Historical) As of September 30, 2015					Budgeted
	2011	2012	2013	2014	2015	2016(1)
Net Revenues						
Net Operating Revenues	\$ 22,398	\$ 33,456	\$ 35,119	\$ 36,796	\$ 44,187	\$ 38,694
Interest Income-Operations	178	914	(311)	968	613	363
Interest Income-Capital	1,158	1,840	(757)	1,806	955	-
Total	<u>23,734</u>	<u>36,210</u>	<u>34,051</u>	<u>39,570</u>	<u>45,755</u>	<u>39,057</u>
Pledged Utilities Services Tax (2)	30,503	29,656	28,744	30,115	30,341	29,322
Total Pledged Revenues	54,237	65,866	62,795	69,685	76,096	68,379
Senior Debt Service	11,139	11,030	11,214	1,642	2,846	2,864
State Revolving Fund Loans	<u>3,472</u>	<u>4,906</u>	<u>5,278</u>	<u>5,927</u>	<u>6,403</u>	<u>6,675</u>
Total Debt Service	14,611	15,936	16,492	7,569	9,249	9,539
R&R Deposit	3,664	1,951	2,205	2,955	3,065	2,800
Rate Covenant #1 (1.25 Required)	4.87	5.97	5.60	42.44	26.74	23.88
Rate Covenant #2 (1.0 Required)	2.97	3.68	3.36	6.62	6.18	5.54

Source: Historical information from the City's annual audited financial statements.

(1) Based on 2015-2016 Wastewater Budget.

(2) The pledge of Utilities Services Tax (UST) revenues is subordinate to any pledge of UST revenues in favor of any Senior Lien Utilities Services Tax Obligations, none of which are currently outstanding.

# CITY OF ORLANDO, FLORIDA

## WASTEWATER SYSTEM

The City's wastewater program has won numerous awards over the years, including the Water Environment Federation's Outstanding Achievement Award in 1992. In 1994 and again in 2001, the System won the Florida Water Environment Association's David York Water Reuse Award for the Water Conserv II Water Reuse System. The Conserv I Plant won the United States Environmental Protection Agency (EPA) Region 4 Wastewater Management Excellence Award for Municipal Water Use Efficiency in 1999. The Water Conserv II program also won the coveted Water Reuse Association's 2001 International Project of the Year. In 1995, the Iron Bridge Plant won the prestigious Phelps Award, which is given annually by the Florida Water Environment Association (FWEA) to the best-operated advanced wastewater treatment facility in the State of Florida. In 2007, the Conserv II plant won the David W. York award for the Outstanding Reuse System of the Year presented by FWEA. In 2012, the Eastern Regional Reclaimed Water Distribution System won the David W. York award for the Outstanding Reuse System of the Year presented by the FWEA. In 2014, the Wastewater Division won FWEA's Collection System of the Year Award for Large Systems. In addition, the Division won FWEA's Public Education Award for an Organization. The Iron Bridge Regional Water Reclamation Facility won an Earl B. Phelps award in 2014. This FWEA award recognizes superior treatment plant operations.

The System is operated as an Enterprise Fund by the Wastewater Division within the Department of Public Works. The Director of Public Works is principally responsible for the design and planning of the present and future wastewater system. As of October 2015, the City's Wastewater Division had 234 full-time positions. The Florida Department of Environmental Protection (FDEP) specifically requires that certain types of plants have certified wastewater treatment plant operators on duty twenty-four hours a day, seven days a week. The City is in full compliance with this requirement. Currently, 52% of the Division's job positions are covered by a bargaining agreement between the City and the Laborers International Union of North America, Local #678 and another 36% are covered by a bargaining agreement between the City and the Service Employees International Union, Local # 8. The Division has never been subject to a strike by its public employees and its contracts with the unions prohibit strikes, slowdowns, or other work stoppages. In addition, Florida Statutes specifically prohibit strikes by public employees. The City has a full-time professional labor relations staff and characterizes its relationship with the System's employees as good.

### Available Treatment Capacity

Taking into account the capital improvements which are expected to be made during the next five years, the City will have wastewater treatment capacity which will enable it to meet the growth demands of the community until the year 2050. When measuring capacity within the System, it is necessary to separate the City's available capacity from the total System's available capacity because a portion of the unused capacity is reserved for other System participants (Seminole County and the City of Winter Park, among others). The following schedule compares total historic and projected wastewater demand for treatment with available capacity:

**Historic and Projected Treatment Capacity and Influent Flows  
(in millions of gallons per day)**

	Actual				Projected	
	2012	2013	2014	2015	2016	2017
City:						
Permitted Capacity	52.2	48.2	48.2	48.2	48.2	52.2
Actual/Projected Demand (1)	24.8	27.7	28.7	29.6	29.8	30.0
Remaining Capacity	27.4	20.5	19.5	18.6	18.4	22.2
Total System:						
Permitted Capacity	72.5	68.5	68.5	68.5	68.5	72.5
Actual/Projected Demand (1)	37.1	40.4	40.2	41.5	41.6	42.3
Remaining Capacity	35.4	28.1	28.3	27.0	26.9	30.2

(1) Wastewater flows are based on calendar year annual average daily flow. Reductions in flow are associated with changes in inflow and infiltration amounts due to City maintenance efforts and decreased rainfall. Growth in future flows is projected at 2.5% per year.

## **CITY OF ORLANDO, FLORIDA**

### **Water Reuse Initiative**

The System is one of the statewide leaders in water reuse (the application of System effluent as an alternative water source for non-potable uses) with almost 80% of its effluent directed to reuse. The Conserv I and Conserv II Plants direct 100% of their effluent into reuse, while the Iron Bridge Plant currently directs 70% of its effluent into reuse. The reuse system consists of pumps, pipelines, and turnout devices to transport treated effluent to users for landscape irrigation, cooling water, and other permitted uses. The City enacted an ordinance in 2002 that requires reclaimed water piping to be installed in new residential and commercial developments if the development falls within a designated reclaimed water service area. In most of these areas, the City is providing reclaimed water at a pressure which is useable for irrigation by both residential and commercial customers.

The St. John's River Water Management District worked with the City to develop a regional reclaimed water system in coordination with several other governmental and private utility companies. The City has finished construction on a reclaimed water transmission main that links the Conserv I reuse system with the Iron Bridge Plant as part of a regional reclaimed water initiative. The City received approximately \$3 million in federal grant funding for the regional system and an additional \$6.6 million in grant monies from the St. Johns River Water Management District. The capital cost of the reclaimed water system is shared proportionally, based upon flows, with the participating entities: Seminole County, Orange County, and the Orlando Utilities Commission. The reclaimed water system is expected to have a future demand in excess of 30 MGD. This will increase the overall effluent disposal capacity of the Iron Bridge Plant and will serve to divert flow from the Little Econlockhatchee River outfall and the wetlands project, reducing the nutrient loading on the St. John's River. Construction of this regional reclaimed water system was completed in FY 2011.

### **Biosolids Disposal**

Biosolids are a by-product of the wastewater treatment process and must be disposed of in a manner which complies with FDEP and EPA regulations. Beneficial use of biosolids is accomplished by encouraging land application of treated biosolids for agricultural purposes. The City's biosolids program has consistently met the requirements of FDEP and EPA (with minor exceptions for molybdenum levels at the Conserv I Plant in 1997) and has provided a valuable organic fertilizer supplement to the local agricultural community.

### **Interconnect Systems**

To the extent possible, the City has designed and developed interconnecting systems, which allow for the System to redirect flows from one plant to another. The City has the capability to redirect 4.0 MGD of wastewater flow both to and from the Conserv I Plant and the Iron Bridge Plant. In addition, the City has developed an interconnect system which allows 2.0 to 3.0 MGD of wastewater to be redirected between the Conserv II Plant and the Iron Bridge Plant. Finally, the City has the ability to redirect 0.75 MGD from the Conserv II Plant to Orange County's South Water Reclamation Facility.

### **WATER CONSERV I SERVICE AREA**

The Conserv I Plant serves residential and commercial developments along the S.R. 436 corridor and around the Orlando International Airport in southeast Orlando. The Conserv I Plant includes wastewater transmission facilities, a 7.5 MGD advanced wastewater treatment plant, and an effluent disposal system utilizing head-induced lateral percolation basins and reclaimed water irrigation. The wastewater transmission facilities currently include 60 lift stations and approximately ten miles of force mains from 36-inches to 48-inches in diameter. The treatment capacity of the Conserv I Plant is sufficient to meet wastewater demands in the Conserv I service area until 2030. However, the City plans to close the Conserv I Plant in the future and redirect its raw sewage to the Iron Bridge Plant for treatment. See "THE SYSTEM – WATER CONSERV I SERVICE AREA - Growth Potential and Limitations."

The Conserv I treatment facilities were constructed on approximately 187 acres of City-owned land in the southwest corner of the Orlando International Airport which has been leased to the Greater Orlando Aviation Authority (GOAA). By amendment to the original lease to GOAA, the City was given the right to build the Conserv

## CITY OF ORLANDO, FLORIDA

I Plant and approximately 400 acres of percolation basins on designated sites. The amendment allows the City to utilize the percolation basin sites until September 30, 2026, with provisions for certain extensions of the Agreement.

The amendment also gives GOAA the right to take back the percolation basin sites for airport purposes and request demolition/removal of the percolation basins at any time during the term of the lease.

The Conserv I Plant utilizes the following proven processes:

- Pretreatment by screening and grit removal
- Flow equalization
- Activated sludge
- Secondary clarification
- Dual media filtration
- Chlorination
- Sludge thickening and transport to Conserv II/Iron Bridge for digestion or lime stabilization, dewatering, and disposal
- Chemical addition

During the first ten years of operation of the Conserv I Plant, the primary means of effluent reuse was groundwater recharge through a system of 15 percolation basins located on the Orlando International Airport property near the treatment plant. Each percolation basin consists of an excavated trench, which was backfilled with gravel topped with a layer of sand, surrounded by earthen berms. Normal operating water levels in the percolation basins range from 8 to 10 feet above the sand layer. Based on the results of tests conducted after construction, the capacity of the percolation basins was expected to be approximately 6 MGD depending on the water levels in the percolation basins, the number of percolation basins operating, the amount of deposition (algae and silt) onto the sand layer, and environmental factors such as rainfall.

During the first few years of operation, the City experienced certain problems regarding disposal capacity in the percolation basins due to plugging of the sand layers by the deposit of algae and silt from construction and operational activities. These problems have since been rectified. Unlike the Conserv II rapid infiltration basins (which are in high sandy soil and have always performed beyond expectations), the Conserv I percolation basins are in a low, wet area and were initially an operational and maintenance challenge. The majority of the plugging problems were resolved by the modification of the percolation basins. In 1995, all of the basins were improved through the addition of a liner and the placement of gravel on the interior side slopes. These modifications have successfully extended the operating capacity of these basins. Due to airport expansion needs, GOAA has reclaimed many of the percolation basin sites.

Within the last ten years, the City has constructed a network of reclaimed water lines from the Conserv I Plant to serve a significant number of customers in the areas around and including the Orlando International Airport. Major users of reclaimed water include the airport, three golf courses and several subdivisions that all utilize the reclaimed water for landscape and green space irrigation. Currently most of the wastewater that is treated by the Conserv I Plant is used by the reclaimed water customers. The remaining percolation basins are used primarily for substandard reclaimed water disposal or for alternative disposal during severe or prolonged rainfall periods when irrigation is not possible.

### **Available Treatment Capacity**

The following table compares historical and projected wastewater demand with the treatment capacity available:

# CITY OF ORLANDO, FLORIDA

## CONSERV I PLANT Historic and Projected Treatment Capacity and Influent Flows (in millions of gallons per day)

	Actual				Projected	
	2012	2013	2014	2015	2016	2017
City: (1)						
Permitted Capacity	7.5	7.5	7.5	7.5	7.5	7.5
Actual/Projected Demand (2)	3.7	4.0	4.1	4.4	4.4	4.5
Remaining Capacity	3.8	3.5	3.4	3.1	3.1	3.0

(1) The City is the sole user of the Conserv I Plant system (there are no wholesale customers).

(2) Wastewater flows based on calendar year annual average daily flow.

Source: City of Orlando Wastewater Division.

### Performance Standards and Compliance

Under guidelines established by the FDEP, a treatment facility's operating permit stipulates various numerical performance standards, which state the upper limits of acceptable performance. The following table demonstrates the current standards and actual performance against those standards for the Conserv I Plant for the twelve-month period ending September 30, 2015.

	CONSERV I PLANT			
	Effluent Flow MGD(3)	CBOD(1) Average mg/l (4)	TSS(2) Average mg/l	Nitrate Average mg/l
October 2014	4.38	1.3	0.6	4.4
November	4.00	1.1	0.5	3.9
December	4.19	1.4	0.5	4.3
January 2015	4.26	1.3	0.5	5.7
February	4.31	1.3	0.5	5.8
March	4.41	1.1	0.6	5.1
April	4.43	1.6	0.6	5.4
May	4.30	1.1	0.5	5.6
June	4.48	1.1	0.5	5.5
July	4.59	1.7	0.5	5.4
August	5.05	1.4	0.6	5.6
September	4.88	1.1	0.5	5.0
Average	4.44	1.3	0.5	5.1
FDEP Standards (5) (6)	7.5	20.0	5.0	10.0

(1) CBOD - Carbonaceous Biochemical Oxygen Demand.

(2) TSS - Total Suspended Solids.

(3) Fluctuations in flow over the course of twelve months are due to intra-system flow diversion and seasonal rainfall fluctuation.

(4) mg/l - milligrams per liter.

(5) States the upper limits of acceptable performance as determined by FDEP.

(6) States the Annual, Monthly, Weekly and Daily upper limits of acceptable performance as determined by FDEP.

Source: City of Orlando Wastewater Division.

## **CITY OF ORLANDO, FLORIDA**

The City received its initial FDEP operating permit for the Conserv I Plant and Effluent Disposal System on October 1, 1991 for 7.5 MGD. This permit expired on August 28, 1996. A National Pollution Discharge Elimination System (NPDES) "No Discharge" Permit from USEPA expired on April 30, 1996 and was deactivated through agreement with the FDEP. The City applied for a renewal of the operating permit for the Conserv I Plant in a timely manner, (i.e. 180 days prior to the expiration date) and the application was approved and the new permit was issued on January 29, 2016, with an effective date of April 12, 2016. The permit expires on April 11, 2021. The Conserv I Plant currently meets or exceeds the requirements of its operating permit regarding effluent quality and that the Conserv I Plant is capable of continuing to meet the existing FDEP operating permit numerical standards.

### **Growth Potential and Limitations**

The City received a letter from GOAA on May 15, 1998, which requested the removal of the percolation basins over a twelve-year period. Two subsequent letters received from GOAA in 1998-99 extended the take-down schedule for removal of the percolation basins by several years. Over the past few years, GOAA has provided and revised their recapture timeline three times, each delaying further the percolation basins' recapture schedule (currently significant recapture by 2020). Construction of the project to redirect the Conserv I Plant flows to the Iron Bridge Plant began in 2005, with completion expected in 2015. In 2015 GOAA contacted the City to request the recapture of percolation basins 4A, 4C and 4D by December 31, 2015. A rapid response contract to design and construct this decommissioning was developed and the percolation basins are now decommissioned. In 2012 the Wastewater Division decided to revisit the factors that were used to determine that it was not cost effective to continue to operate the Conserv I Plant. A good portion of this decision was based on the lack of wet weather reclaimed water disposal. With the construction of the Eastern Regional Reclaimed Water Distribution System ("ERRWDS"), significant wet weather disposal capacity is now available to the Conserv I Plant. The outcome of a recent Conserv I Plant analysis was not favorable for continuing the service of the plant. The Wastewater Division is proceeding with capital projects that will enable the Conserv I plant to be decommissioned and the flow diverted to the Iron Bridge Regional Plant.

### **WATER CONSERV II SERVICE AREA**

The Water Conserv II facilities include a 21 MGD treatment plant (the "Conserv II Plant") and a 50 MGD Water Conserv II Water Reuse System Project (which is a joint project between the City and Orange County).

The Conserv II Plant serves residential and commercial development generally west of Interstate 4 and is located on McLeod Road between Kirkman Road and Bruton Boulevard. An interlocal agreement between the City and Orange County entered into on July 28, 1983, provided for the design, construction, and operation of the Water Conserv II Water Reuse System Project. Pursuant to that agreement, the "joint facilities" are defined to include effluent transmission pumping stations, approximately 21.5 miles of transmission pipeline, a distribution center, the distribution network, and a series of rapid infiltration basins ("RIBs").

In order to meet the "no discharge" requirement of the FDEP, the Conserv II Plant was designed to produce advanced secondary effluent that is suitable for public access, irrigation, and groundwater recharge. The Conserv II Plant was designed to ultimately deliver up to 25 MGD for irrigation of 12,000 to 15,000 acres of citrus groves and groundwater recharge through RIBs. There is sufficient capacity in the Conserv II Plant to meet wastewater needs in the Conserv II Plant service area through the year 2035. Currently, the Conserv II Plant utilizes the following proven treatment processes:

- Pretreatment by screening and grit removal
- Flow equalization
- Activated sludge with nitrification & denitrification
- Secondary clarification
- Effluent flow equalization
- Automatic backwash dual media filtration
- High level chlorination
- Sludge thickening, anaerobic digestion and dewatering
- Chemical addition
- Standby power generation

## CITY OF ORLANDO, FLORIDA

Two major construction projects have recently been completed at the Conserv II Plant. The first project valued at \$20 million involved a major electrical upgrade throughout the plant including the installation of a new emergency power generation system. This project reached final completion in 2014. The second project was phase one of upgrades to address the aging components of this treatment facility. That \$10 million project replaced the entire aeration system, secondary clarifier collector mechanisms, and provided an upgraded internal recycle station. This project reached substantial completion in late 2013. The new modern aeration system has resulted in significant reductions in energy costs. None of the projects described in this paragraph were financed with the proceeds of the Series 2013 Bonds.

Two additional projects will be under construction in 2016. The first project is the big bubble aeration mixing project. This project will allow the City to mix anoxic treatment zones with large bubble cannons instead of using fine bubble diffusers which will further enhance nutrient reduction capabilities. The second project is the Bioset biosolids treatment process. This project replaces aging anaerobic digesters that produce a class “B” product which is problematic to dispose of in wet weather conditions. The Bioset product will be a registered fertilizer which can be applied anywhere in any weather condition.

### Available Treatment Capacity

The following table compares historical and projected sewer demands with the treatment capacity available:

**CONSERV II PLANT**  
**Historic and Projected Treatment Capacity and Influent Flows**  
**(in millions of gallons per day)**

	<u>Actual</u>				<u>Projected</u>	
	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
City:						
Permitted Capacity	24.0	20.0	20.0	20.0	20.0	24.0
Actual/Projected Demand (1)	<u>12.4</u>	<u>13.1</u>	<u>13.6</u>	<u>14.2</u>	<u>14.2</u>	<u>14.3</u>
Remaining Capacity	<u>11.6</u>	<u>6.9</u>	<u>6.4</u>	<u>5.8</u>	<u>5.8</u>	<u>9.7</u>
Total System:						
Permitted Capacity	25.0	21.0	21.0	21.0	21.0	25.0
Actual/Projected Demand (1)	<u>13.2</u>	<u>14.0</u>	<u>14.1</u>	<u>14.7</u>	<u>14.7</u>	<u>14.8</u>
Remaining Capacity	<u>11.8</u>	<u>7.0</u>	<u>6.9</u>	<u>6.3</u>	<u>6.3</u>	<u>10.2</u>

(1) Wastewater flows based on calendar year annual average daily flow. Reductions in flow are associated with changes in inflow and infiltration amounts due to City maintenance efforts and decreased rainfall. Growth in future flows is projected at 2.5% per year.

Source: City of Orlando Wastewater Division



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### Performance Standards and Compliance

The following table compares the performance of the Conserv II Plant for the twelve-month period ending September 30, 2015 to the principal FDEP effluent numerical standards placed on the Conserv II Plant's operation:

	CONSERV II PLANT			
	Effluent Flow MGD(3)	CBOD(1) Average mg/l (4)	TSS(2) Average mg/l	Nitrate Nitrogen mg/l
October 2014	15.33	1.4	0.5	2.5
November	14.07	1.8	0.8	1.7
December	14.77	1.7	0.6	3.2
January 2015	14.55	1.0	0.5	3.1
February	14.32	1.5	0.6	2.2
March	14.60	1.3	0.7	2.0
April	14.26	1.3	0.7	1.6
May	13.69	1.0	0.7	1.6
June	14.46	1.1	0.5	2.0
July	15.40	1.8	0.9	1.1
August	15.82	2.1	1.1	1.9
September	15.27	1.0	0.8	3.3
Average	14.71	1.4	0.7	2.2
FDEP Standards (5) (6)	21.00	20.0	5.0	10.00

- (1) CBOD - Carbonaceous Biochemical Oxygen Demand.
- (2) TSS - Total Suspended Solids.
- (3) Fluctuations in flow over the course of twelve months are due to intra-system flow diversion and seasonal rainfall fluctuations.
- (4) mg/l - milligrams per liter
- (5) States the upper limits of acceptable performance as determined by FDEP.
- (6) States the Annual, Monthly, Weekly and Daily upper limits of acceptable performance as determined by FDEP.

Source: City of Orlando Wastewater Division

The FDEP operating permit issued on December 5, 2011 for the Conserv II WRF has temporarily reduced the permitted capacity from 25 MGD to 21 MGD on an average annual daily flow basis. The Conserv II WRF must now treat total nitrogen to an average annual concentration of 10 mg/L which is the permit limit value for the Conserv II Distribution Center. The Conserv II WRF has undergone process improvements that will allow compliance with this more restrictive nitrogen standard. The City plans to conduct full scale testing of the facility to recover treatment capacity to the original permitted level of 25 MGD.

With respect to the Conserv II Plant groundwater-monitoring program, the FDEP has required that the City and Orange County address elevated nitrate levels that were observed in some of the groundwater monitoring wells in the early 1990's. Responding to this, the City and the County implemented programs to reduce nitrates in their wastewater treatment plant effluents, to implement an enhanced Quality Assurance/Quality Control sampling program, and to study RIB operation in order to optimize nitrate removals. Results have been favorable in that there has been a significant reduction in nitrate levels associated with reclaimed water in the groundwater monitoring wells since the implementation of these programs.

City management and design consulting engineers believe that the Conserv II Plant currently meets or exceeds the requirements of its operating permit regarding effluent quality and that the Conserv II Plant is capable of continuing to meet these effluent requirements through 2035 with some modifications.

# CITY OF ORLANDO, FLORIDA

## Major Wholesale Customers and Interlocal Agreements

The City has interlocal agreements with both Orange County and the City of Winter Park to provide wastewater treatment capacity within the Conserv II Plant service area. The agreement to serve Orange County was intended to terminate on January 1, 2000 with the capacity reverting to the City; however, the City and Orange County agreed to an extension until January 2010 due to needed construction within the County's system. This construction has since been completed and the County has withdrawn their flows from the Conserv II plant, making the resulting capacity available for City use. The following schedule indicates both the committed capacity and the average flows into the Conserv II Plant for the twelve-month period ending September 30, 2015:

### WHOLESALE CUSTOMERS (In MGD)

	<u>Average Flows</u>	<u>Contractually Committed Capacity</u>	<u>Available Capacity</u>
Orange County	0.000	0.000	0.000
City of Winter Park	<u>0.492</u>	<u>1.000</u>	<u>0.508</u>
TOTAL	<u>0.492</u>	<u>1.000</u>	<u>0.508</u>

Source: City of Orlando Wastewater Division.

## Water Reuse Contracts

The Water Conserv II Water Reuse System Project is beneficial to both the City and Orange County (each of which have 25 MGD of the ultimate 50 MGD capacity in the Project). Since 1986, the City and Orange County have entered into 91 agreements with citrus growers, landscape nurseries, golf courses, homeowners and other customers who have committed to take in excess of 30 MGD of reclaimed water to be dispersed over approximately 3,375 acres. While the terms of each individual agreement may vary in some respects, the major provisions of the agreements, summarized below, do not differ materially. In the opinion of the City Attorney, such agreements constitute covenants, which run with the land and will bind all future owners of the land throughout the term of the agreements subject, however, to governmental rights of eminent domain.

At the beginning of the Water Conserv II project, citrus growers signed 20-year agreements to accept reclaimed water at no charge. Each agreement was for a term of twenty years with provisions for annual extensions if either party does not terminate the agreement. A customer could terminate an agreement at any time, without cause, upon payment of a fee that reflects the proportionate cost of construction of the distribution system. In the first year of the agreement, the fee was \$3,600 per acre committed and in each subsequent year the fee was reduced by 5%. As these initial agreements expire, new agreements are being made that require the reclaimed water users to pay the prevailing rate for reclaimed water. The City and Orange County have adopted Orange County's rate structure for reclaimed water supplied in the Water Conserv II service area.

Under recent agreements, the City and Orange County are obligated to deliver water of a quality appropriate for irrigation of edible crops and public access areas in accordance with State regulations. The Water Conserv II project has demonstrated that reclaimed water has been compatible with the production of citrus crops in central Florida. Modern agreements are written for an initial term of 5 years with automatic annual renewals unless terminated by either party. The agreements allow for non-performance or modification of performance by either party in the event of unforeseen circumstances or circumstances not in the control of the parties such as water quality or quantity issues, governmental acts, flooding or failure of the transmission or distribution system for reasons beyond the City's and Orange County's control. The Water Conserv II project is currently permitted for 39.0 MGD (average annual daily flow) of disposal capacity through the public access reuse system.

Reclaimed water distributed to the customers may be used only in a manner that is consistent with State and Federal regulations. Specifically, the water may be used for irrigation of crops, surface storage, frost protection, and turf irrigation. Reclaimed water may not be discharged directly into surface waters of the State of Florida.

## **CITY OF ORLANDO, FLORIDA**

Customers are required to install and maintain irrigation systems capable of receiving the reclaimed water and preventing backflow into the Conserv II reclaimed water distribution system. When the Water Conserv II project started, the use of reclaimed water for irrigation was a new concept. Therefore, the City and Orange County agreed to indemnify the customers for damages arising out of adverse human health effects caused by exposure to the areas in which reclaimed water is being used or by consumption of products grown in those areas. Indemnification was conditioned upon the customers' compliance with all reasonable restrictions on use established by the City and Orange County. Since the safe use of reclaimed water for irrigation has been well documented in the State of Florida, this indemnification feature is not used in modern agreements.

Properties served by the Water Conserv II Water Reuse System Project in Lake County require a conditional use permit (CUP) under the County's Zoning Code. Participating customers must obtain a CUP for those parcels that are included in the agreements. All of the participating customers in Lake County have received their CUPs. The City and Orange County have agreed to comply with the conditions set forth in the CUPs, including the implementation of a groundwater-monitoring program. Groundwater monitoring wells have been installed at alternate application sites that have been approved by FDEP and Lake County. Samples are collected quarterly and routinely analyzed for specific parameters.

The City and Orange County purchased approximately 500 acres of land southeast of the Distribution Center in 1992, for the expansion of the RIB system for the Water Conserv II Water Reuse System Project. Through the efforts primarily of Orange County staff, proposals were sought for a private company to construct a 36-hole championship golf course, which would incorporate a number of RIB's into the facility. On February 7, 1994, the City and Orange County entered into a 30-year lease agreement with Team Classic Golf Services, Inc. Under the terms of the agreement, Team Classic would construct and operate the golf facility (Orange County National Golf Course) which has, as one of its requirements, the ability to use up to 5 million gallons of reclaimed water per day. This concept increased the diversification of reclaimed water use while minimizing capital costs to the City and Orange County. Construction of this golf facility was completed in February 1999.

In 2000, the City and Orange County purchased 2,400 acres of land from Hi-Acres in Lake County. These parcels, which were under previous grower's agreement for irrigation, will provide further flexibility for the wet weather disposal capacity for the Water Conserv II Water Reuse System Project. The land will be used in the future for some combination of RIB systems and agricultural irrigation. The first series of RIBs to be constructed on the property were completed in late 2004. The City and Orange County jointly own a total of 5,400 acres of land for current and future RIB sites. The Water Conserv II project is currently permitted for a RIB capacity of 29.2 MGD (average annual daily flow).

### **City Contracts**

The City has entered into reclaimed water agreements with other major users in the City that are not part of the Water Conserv II Water Reuse System Project joint facilities. One of the users, MetroWest, accepts and uses up to 1.5 MGD of reclaimed water on its golf course and median green spaces. In addition, the City is supplying reclaimed water to Valencia Community College, Universal Orlando Resorts, and other users in the area. Total annual reclaimed water usage for these customers is approximately 4.65 MGD and is expected to increase as the system is expanded.

### **Growth Potential and Limitations**

The ability to expand the Conserv II Plant treatment capacity is directly related to the ability to continue to find additional customers to be connected to the distribution network or to the development of additional RIBs.

The City and Orange County have plans for expanding RIB capacity on project land in Lake County. The City and Orange County will be working with Lake County on gaining approvals for the construction of additional RIBs in the future. Construction of additional RIB sites has added wet-weather capacity to the system, further ensuring the City's ability to provide service during extreme weather conditions. Another option being considered for management of reclaimed water during reduced demand periods is long term storage.

# CITY OF ORLANDO, FLORIDA

## IRON BRIDGE SERVICE AREA

The Iron Bridge Plant is a regional water reclamation facility, which serves the east and central portions of the City, unincorporated areas of Orange and Seminole Counties, and portions of the Cities of Casselberry, Maitland, and Winter Park. There is sufficient capacity at the Iron Bridge Plant to meet the wastewater needs for the Iron Bridge service area through 2035.

The Iron Bridge Plant is a 40 MGD advanced water reclamation facility, which employs three different effluent disposal means (wasteload allocation limit on the discharge to the Little Econlockhatchee River and performance standards for the Artificial Wetlands Facility which flows ultimately to the St. Johns River) and the newly commissioned ERRWDS. The original plant (24 MGD) was designed with nineteen trains of air-driven rotating biological contactors (RBCs) as the main treatment process. This facility was later down rated to 16 MGD as a result of operational difficulties, and the lost capacity was replaced with an improved biological nutrient removal system which was completely funded by federal grants (see “Growth Potential and Limitations” below). The Iron Bridge Plant was expanded to 40 MGD with the expanded liquid treatment train becoming operational in November 1989. The expansion provides growth-oriented capacity to the cities of Orlando and Winter Park and Seminole County.

The Iron Bridge Plant is located off Alafaya Trail northwest of the University of Central Florida campus in south Seminole County. The plant utilizes the following proven processes:

### 40 MGD Facility

- Pretreatment by screening and grit removal
- Flow equalization
- Fermentation
- 1<sup>st</sup> anoxic zone
- Aeration zone
- 2nd anoxic zone
- 2<sup>nd</sup> aerobic zone
- Secondary clarification
- Deep Bed filtration
- Chlorination/Dechlorination
- Post aeration
- Sludge thickening and chemical conditioning
- Lime stabilization and dewatering
- Chemical addition
- Standby power generation

Several capital projects are underway for the Iron Bridge Plant. A new \$1 million odor control system for the Master Pump Station was completed in 2015. A capacity expansion of the pump station that delivers reclaimed water to the wetlands facility was bid in the spring of 2015 and construction is now underway. This \$8 million project will increase the capacity of the hydraulic system by 60 percent to nearly 38 mgd.

Two different effluent outfalls and a reclaimed water distribution system service the Iron Bridge Plant. The original facility had an NPDES permitted discharge of 24 MGD which provided for both concentration and total pounds per day restrictions on the effluent discharged to the Little Econlockhatchee River. To allow for expansion of the Iron Bridge Plant, the City designed and constructed a 20 MGD Wetlands treatment facility on a 1,650-acre site near Christmas, Florida. A 17-mile, 48-inch force main was constructed to transmit the treated effluent from the Iron Bridge Plant to the head of the cell-oriented wetlands. Totalling 1,220 acres, the wetlands treatment system was developed with a series of cells divided by earthen berms and planted with different wetland vegetation to create three separate wetlands communities, which provide the nitrogen and phosphorous removal. The Wetlands have been operating well within the anticipated performance guidelines since it became operational in September 1987. An indication of the positive performance of the Wetlands is the fact that FDEP increased the permitted capacity of the Wetlands from the initial level of 8 MGD to 20 MGD during the 1990's and in 2001 re-rated the capacity of the Wetlands from 20 MGD to 35 MGD. The ERRWDS was commissioned in 2011 and serves reclaimed water in

## CITY OF ORLANDO, FLORIDA

conjunction with Orange County's Eastern WRF and the Water Conserv I WRF to Seminole County, GOAA, Baldwin Park and the Lake Nona area.

### Available Treatment Capacity

The following table compares the historical and projected wastewater demand for wastewater treatment capacity:

<b>IRON BRIDGE PLANT</b>						
<b>Historic and Projected Treatment Capacity and Influent Flows</b>						
<b>(in millions of gallons per day)</b>						
	<b>Actual</b>				<b>Projected</b>	
	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>City:</b>						
Permitted Capacity	20.7	20.7	20.7	20.7	20.7	20.7
Actual/Projected Demand (1)	8.7	10.6	11.0	11.0	11.2	11.4
Remaining Capacity	<u>12.0</u>	<u>10.1</u>	<u>9.7</u>	<u>9.7</u>	<u>9.5</u>	<u>9.3</u>
<b>Total System:</b>						
Permitted Capacity	40.0	40.0	40.0	40.0	40.0	40.0
Actual/Projected Demand (1)	20.2	22.4	22.0	22.4	22.5	23.0
Remaining Capacity	<u>19.8</u>	<u>17.6</u>	<u>18.0</u>	<u>17.6</u>	<u>17.5</u>	<u>17.0</u>

(1) Wastewater flows based on calendar year annual average daily flow. Reductions in flow are associated with changes in inflow and infiltration amounts due to City maintenance efforts and decreased rainfall. Growth in future flows is projected at 2.5% per year.

Source: City of Orlando Wastewater Division

### Performance Standards and Compliance

Each of the outfalls for the treated effluent from the Iron Bridge Plant (the Little Econlockhatchee River, the constructed Wetlands and the ERRWDS system) has separate performance standards/limitations. The FDEP has issued an operating permit rating the treatment facility to 40 MGD. The City's NPDES permit from the EPA, which was based on the original wasteload allocation requirements and the projected degree of treatment which would take place in the Wetlands, has also been revised. The City's five-year combined Operating NPDES Permit was set to expire on February 23, 2015. The City applied for permit renewal in a timely way. The new permit was issued on June 18, 2015. The permit will expire on June 17, 2020.

The courts have upheld the State of Florida's numeric nutrient criteria (NNC) for Florida's springs, lakes and streams. The implementation of these new standards may affect the Iron Bridge Plant's next permit renewal. The discharge from the Wetlands system to the St. Johns River appears to be compliant with the new regulations. The discharge to the Little Econlockhatchee River would not be compliant. It is expected that the discharge to the Little Econlockhatchee River may be modified in the future and may only serve the plant as an emergency outfall or limited wet weather discharge.

The following tables demonstrate the standards and actual performance against FDEP's standards for the Iron Bridge Plant for all three of its outfalls (the Little Econlockhatchee River Outfall, the Wetlands Outfall into the St. Johns River and the ERRWDS) for the twelve-month period ended September 30, 2015.

**CITY OF ORLANDO, FLORIDA**

**IRON BRIDGE PLANT  
Little Econlockhatchee River Outfall**

	<b>Effluent(1)</b>	<b>CBOD(2)</b>		<b>TSS(3)</b>		<b>TN(4)</b>		<b>TP(5)</b>	
	<b>Flow</b>	<b>Average</b>		<b>Average</b>		<b>Average</b>		<b>Average</b>	
	<b>MGD</b>	<b>mg/l(6)</b>	<b>lbs/day</b>	<b>mg/l</b>	<b>lbs/day</b>	<b>mg/l</b>	<b>lbs/day</b>	<b>mg/l</b>	<b>lbs/day</b>
October 2014	5.6	1.73	80	0.5	24	1.58	73	0.62	29
November	16.8	1.00	140	0.5	73	1.70	238	0.63	88
December	6.8	1.00	57	0.6	31	1.29	74	0.36	20
January 2015	4.8	1.00	40	0.5	21	1.34	54	0.32	13
February	7.3	1.00	61	0.5	33	1.18	72	0.39	24
March	6.2	1.00	51	0.6	33	1.27	65	0.47	24
April	7.5	1.00	63	0.7	45	1.33	83	0.34	21
May	7.1	1.00	60	0.5	31	1.28	76	0.18	11
June	4.1	1.00	34	0.5	18	1.33	45	0.13	5
July	4.2	1.00	35	0.5	18	1.19	41	0.20	7
August	5.5	1.05	49	0.5	24	1.45	69	0.22	11
September	7.3	1.05	65	0.5	30	2.01	122	0.15	9
Average	6.9	1.07	61	0.5	32	1.48	84	0.33	22
FDEP Stds (7)	28.00	4.28	1,000	17.2	4,000	3.08	720	0.94	220

- (1) Fluctuations in flow over the course of twelve months are due to intrasystem flow diversion and seasonal rainfall fluctuation.
- (2) CBOD - Carbonaceous Biochemical Oxygen Demand
- (3) TSS - Total Suspended Solids
- (4) TN - Total Nitrogen
- (5) TP - Total Phosphorous
- (6) mg/l - milligrams per liter
- (7) States the upper limits (annual average) of acceptable performance as determined by FDEP.

Source: City of Orlando Wastewater Division

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## IRON BRIDGE PLANT

	ST. JOHNS RIVER WETLANDS OUTFALL					LITTLE ECON RIVER AND ST. JOHNS RIVER COMBINED OUTFALLS(1)	
	Influent Flow MGD	Eff TN(2)		Eff TP(3)		TN(2) Average lbs/day	TP(3) Average lbs/day
		Average mg/l(4)	Average lbs/day	Average mg/l	Average lbs/day		
October 2014	16.2	0.86	109	0.05	7	182	35
November	2.2	0.87	16	0.04	1	254	89
December	13.4	0.91	101	0.08	9	175	30
January 2015	16.5	1.00	138	0.16	22	192	35
February	13.7	1.04	119	0.13	15	191	39
March	12.8	1.02	109	0.18	20	174	44
April	10.0	0.82	69	0.07	6	152	27
May	4.7	0.99	38	0.05	2	115	13
June	7.7	1.34	86	0.06	4	132	8
July	7.0	1.21	89	0.05	4	131	11
August	12.5	0.88	89	0.04	4	158	15
September	17.9	0.67	100	0.02	4	222	13
Average	11.4	0.97	89	0.08	8	173	30
FDEP Standards (5)	35.00	2.31	674	0.20	58	720	220

- (1) The average lbs/day is measured on a daily total basis and thus, the sum of the average total per outfall may not always equal the average combined totals.
- (2) TN - Total Nitrogen
- (3) TP - Total Phosphorous
- (4) mg/l - milligrams per liter
- (5) States the upper limits (annual average) of acceptable performance as determined by FDEP.

Source: City of Orlando Wastewater Division.

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## IRON BRIDGE PLANT ERRWDS

	Effluent Flow MGD(3)	CBOD(1) Average mg/l (4)	TSS(2) Average mg/l	Total Nitrogen mg/l
October 2014	3.3	1.0	0.5	1.6
November	3.0	1.0	0.6	1.8
December	2.5	1.3	0.5	1.2
January 2015	1.9	1.0	0.6	1.2
February	1.7	1.2	0.5	1.1
March	3.5	1.3	0.5	1.2
April	5.0	1.0	0.5	1.3
May	7.1	1.1	0.5	1.3
June	6.1	1.0	0.5	1.4
July	5.5	1.1	0.5	1.2
August	5.7	1.1	0.6	1.4
September	3.1	1.0	0.5	2.0
Average	4.0	1.1	0.5	1.4
FDEP Standards (5) (6)	20.30	20.0	5.0	N/A

- (1) CBOD - Carbonaceous Biochemical Oxygen Demand.
- (2) TSS - Total Suspended Solids.
- (3) Fluctuations in flow over the course of twelve months are due to intra-system flow diversion and seasonal rainfall fluctuations.
- (4) mg/l - milligrams per liter
- (5) States the upper limits of acceptable performance as determined by FDEP.
- (6) States the Annual, Monthly, Weekly and Daily upper limits of acceptable performance as determined by FDEP.

Source: City of Orlando Wastewater Division

### Major Wholesale Customers and Interlocal Agreements

The City and its five governmental entity partners (Orange and Seminole Counties and the Cities of Casselberry, Maitland and Winter Park) have entered into various interlocal agreements related to the acceptance, treatment, and disposal of wastewater at the Iron Bridge Plant. The City has also entered into an interlocal agreement with the South Seminole & North Orange County Wastewater Transmission Authority (the "Transmission Authority"), which accepts wastewater from its participants and transmits it to the Iron Bridge Plant. The agreements are essentially uniform in nature as to the procedure for allocation of capacity at the plant and payment for said capacity. Because the Iron Bridge Plant is located in Seminole County, the agreement with Seminole County has specific provisions providing for payments in lieu of taxes, special zoning provisions, and a requirement for a \$1,000,000 letter of credit to ensure environmental protection. The agreements set out the amount of capacity for each party and provide a formula for temporary and permanent reallocation. The entities' proportional share of allocated capacity as of September 30, 2015 is shown on the following table:



## CITY OF ORLANDO, FLORIDA

### DISTRIBUTION OF IRON BRIDGE CAPACITY

<u>Contributor</u>	<u>28 MGD</u>		<u>Expansion - 12 MGD</u>		<u>Total</u>	
	<u>MGD</u>	<u>%</u>	<u>MGD</u>	<u>%</u>	<u>MGD</u>	<u>%</u>
City of Orlando	14.6625	52.367	6.00	50.00	20.6625	51.656
Seminole County	3.2555	11.627	5.25	43.75	8.5055	21.265
Orange County	0.3750	1.339	-	-	0.3750	0.937
City of Casselberry	3.3950	12.125	-	-	3.3950	8.487
City of Maitland	1.1000	3.928	-	-	1.1000	2.750
City of Winter Park	5.2120	18.614	0.75	6.25	5.9620	14.905
Total	<u>28.0000</u>	<u>100.000</u>	<u>12.00</u>	<u>100.00</u>	<u>40.0000</u>	<u>100.000</u>

Source: City of Orlando Wastewater Division.

The following schedule reflects the average daily flows, over the twelve-month period ended September 30, 2015, of the various participants in the Iron Bridge Plant:

<u>Contributor</u>	<u>Available Capacity (MGD)</u>	<u>Average Influent Flow (MGD)</u>	<u>Remaining Capacity (MGD)(1)</u>
City of Orlando	20.662	11.042	9.620
Seminole County	8.506	4.011	4.495
Orange County	0.375	0.000	0.375
City of Casselberry	3.395	2.454	0.941
City of Maitland	1.100	0.857	0.243
City of Winter Park	<u>5.962</u>	<u>3.993</u>	<u>1.969</u>
TOTAL	<u>40.000</u>	<u>22.357</u>	<u>17.643</u>

- (1) Available capacity may be further restricted by currently committed future capacity for developments.

Source: City of Orlando Wastewater Division.

Each entity is committed to pay for its share of the capital costs based on allocated capacity regardless of actual flows. In addition, each entity pays an operation and maintenance cost based on actual flows. Relief available to the City for non-payment by any entity is provided by a \$500,000 escrow account funded pro rata by the entities. The agreements allow for the various entities to expand the plant capacity for their needs at their expense regardless of whether or not the City requires expanded capacity.

#### **Growth Potential and Limitations**

In 1998, the City completed an evaluation of the condition of the mechanical components in the RBC (original) plant. As these components were approaching 20 years of service, they showed signs of advanced deterioration. The City demonstrated, through a full-scale pilot project, that the biological nutrient removal (BNR) facilities could be modified to accept the full 40 MGD currently permitted. As a result of the pilot testing program in January 2001, FDEP issued a permit modification rerating the BNR facilities to 40 MGD. The RBC plant has been shut down, resulting in an annual O&M savings of over \$250,000. Construction of the permanent modifications to the BNR facility was initiated in 2006 and was completed in mid-2009.

The City believes that with the RBC replacement projects completed with BNR facilities, the aggregate 40 MGD facility may be re-rated at nominal costs to further enable the City and its participating entities to properly address their growth-related needs.

# CITY OF ORLANDO, FLORIDA

## CAPITAL IMPROVEMENT PLAN

The City has established and updates, at least quarterly, a capital projects planning and projection system which identifies prospective capital projects and related revenues, if any, and the anticipated project initiation year within a five-year planning model. Although the actual project initiation will be a function of changing circumstances, the model gives the City an opportunity to identify the major potential capital projects which might be undertaken during the next five-year period. These projects are identified and associated with the City's three major wastewater treatment plants and collection system needs.

The following table sets forth the sources of funding for the City's Capital Improvement Plan and the expected uses of those funds for the period from Fiscal Year 2016 through Fiscal Year 2020.

PROJECT NAME	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	5-Yr TOTAL
Revenues:						
WW Capacity Charges	\$ 17,586,653	\$ 22,633,600	\$ 32,408,000	\$ 34,660,000	\$ 24,400,000	\$ 131,688,253
Construction Fund Fund Balance Allocation	14,824,547	-	-	-	-	14,824,547
R&R Transfer from Operating Fund	2,800,000	4,600,000	3,200,000	3,300,000	2,900,000	16,800,000
Sewer Expansion Collection Sys. Fees	3,000,000	500,000	3,000,000	500,000	3,000,000	10,000,000
Northerly Entity Contributions	1,468,800	686,400	4,992,000	240,000	-	7,387,200
SRF Loan Proceeds	10,500,000	17,250,000	2,550,000	2,550,000	-	32,850,000
<b>Total Revenues</b>	<b>\$ 50,180,000</b>	<b>\$ 45,670,000</b>	<b>\$ 46,150,000</b>	<b>\$ 41,250,000</b>	<b>\$ 30,300,000</b>	<b>\$ 213,550,000</b>
Expenses:						
Iron Bridge	\$ 3,680,000	\$ 930,000	\$ 9,900,000	\$ -	\$ -	\$ 14,510,000
Water Conserv I	-	300,000	-	6,500,000	-	6,800,000
Water Conserv II	3,000,000	1,140,000	1,000,000	9,800,000	10,750,000	25,690,000
Lift Stations	15,700,000	24,250,000	8,000,000	19,000,000	2,400,000	69,350,000
Collection System and Other	25,300,000	16,450,000	24,550,000	3,150,000	14,250,000	83,700,000
General R&R	2,500,000	2,600,000	2,700,000	2,800,000	2,900,000	13,500,000
<b>Total Expenses</b>	<b>\$ 50,180,000</b>	<b>\$ 45,670,000</b>	<b>\$ 46,150,000</b>	<b>\$ 41,250,000</b>	<b>\$ 30,300,000</b>	<b>\$ 213,550,000</b>

# **CITY OF ORLANDO, FLORIDA**

## **MANAGEMENT OF THE SYSTEM**

The City operates under a mayor-council form of government. The Mayor is the City's Chief Executive Officer, elected for a term of four years. In addition to serving as presiding officer and as a voting member of the City Council, the Mayor's responsibilities include the enforcement of laws, control of City departments and divisions, appointment and removal of officers and employees, supervision of City property and negotiations of contracts. The Mayor makes recommendations for creation of ordinances and resolutions to the City Council and presents the annual budget for approval.

The City Council is the legislative branch of City government and is responsible for taxation, finances, zoning regulation and boundaries. The City Council (consisting of, the Mayor elected at large as Chairman and six district commissioners) reviews plans and specifications for public improvements, enacts legislation governing City operations and approves the City budget. Commissioners are elected on a district-wide basis for four-year terms on a two-year staggered basis.

The Mayor is the Chief Executive Officer with eight departments reporting to him: Business & Financial Services; Economic Development; Families, Parks and Recreation; Fire; Housing and Community Development; Orlando Venues; Police; and Public Works. The Mayor is assisted in the day-to-day oversight of city operations by the Chief Administrative Officer. Separately, under the Mayor's Chief of Staff, there are five offices: the City Clerk; Communications and Neighborhood Relations; Community Affairs; Constituent Relations; and Intergovernmental Relations.

Mayor Buddy Dyer is a native of Central Florida, born in Orlando and raised in the nearby City of Kissimmee. Following graduation from high school, he was awarded a scholarship to Brown University where his studies were concentrated on civil engineering. Upon graduation, Mayor Dyer returned to Orlando to work as an environmental engineer, later enrolling in the University of Florida Law School, where he was named editor-in-chief of the University of Florida Law Review. Following graduation from law school, Mayor Dyer began his legal career with the Orlando law firm of Winderweedle, Haines, Ward & Woodman. Prior to becoming Mayor, Buddy Dyer served the Orlando area for ten years as a State Senator in the Florida Legislature. Mayor Dyer was first elected in 2003 to fill an unexpired term and was subsequently re-elected to full-four year terms commencing in 2004, 2008, 2012 and 2016.

On May 3, 2011 Mayor Dyer appointed Richard M. Howard, P.E., as the Director of the Public Works Department. Prior to assuming the role of Deputy Director, Mr. Howard served the City of Orlando as the City Engineer. He has both a Bachelors and Masters Degree in Civil Engineering and is a registered Professional Engineer in the State of Florida. Mr. Howard has practiced in this area for over 30 years. He began his career as a Structural Engineer in the space industry at Cape Canaveral. In 1984, Mr. Howard was recruited to Orlando by the Street Department to manage the City's Non-Point Source Pollution Control program. Since that time, he progressed to Bureau Chief and eventually to the position of City Engineer in 1993. In his capacity as City Engineer, he managed the operations of the Engineering Services Division comprised of the Engineering Division and the Streets and Stormwater Division. He represents the City on numerous boards and is active in many professional organizations. In 2008 Mayor Dyer appointed Rick to head the City of Orlando Economic Stimulus Working Group and represents the City in all issues involving Federal Stimulus dollars. He is also a member of the U.S. Conference of Mayors Stimulus Czars group.

Victor J. Godlewski, P.E., became the Wastewater Division Manager in October 2009. Prior to joining the City, Mr. Godlewski was involved in the planning, design, permitting, and construction of wastewater projects in central Florida for 26 years, including projects for the City of Orlando. Mr. Godlewski helped guide several municipally owned utilities through major capital projects. Mr. Godlewski holds both Bachelors and Masters Degree in Environmental Engineering and a Professional Certificate from the State of Florida. Mr. Godlewski's qualifications and experience have been valuable as the City plans for the challenge of compliance with future regulations.

The City believes that the unique combination of the backgrounds of the Mayor, Public Works Director, and the Wastewater Division Manager forge a framework for the effective management of the System.

## CITY OF ORLANDO, FLORIDA

### Financial and Budgetary Support Systems

The Chief Financial Officer ("CFO") is responsible for the oversight of the City's financial affairs. This includes the functions of accounting, accounts payable, accounts receivable, operating and capital budgeting, fleet management, facilities management, real estate management, financial forecasting, financial reporting, debt management, grants management, investment management, investor relations, payroll, pension management, purchasing, risk management, and technology management. In addition, the CFO provides counseling to various departments and business units and is an active participant in strategic planning activities.

The City has gained recognition for its Comprehensive Annual Financial Report. A Certificate of Achievement for Excellence in Financial Reporting has been awarded to the City by the Government Finance Officers Association of the United States and Canada ("GFOA") for each Fiscal Year since 1978. The City was also an early participant in the GFOA's Distinguished Budget Presentation Awards program and received the budget award for its budget document for Fiscal Years 1984 through 1989. Due to perceived problems with consistency in the budget awards program at the time, the City elected to discontinue participation but maintain internally the high standards which had been recognized. In light of substantial changes to the program, the City resumed its participation beginning with its Fiscal Year 2004 Budget document. The City has been awarded the Distinguished Budget Presentation Award for each Fiscal Year since 2004.

Rebecca W. Sutton\* was appointed Chief Financial Officer on December 5, 2005. Before joining the City, she served the State of Florida as its Deputy Chief Financial Officer from September 2002 to December 2005; and as Deputy Secretary/CIO for the Department of Management Services from December 2001 to September 2002. Prior to her service with the State, Ms. Sutton worked for American Management Systems (AMS) implementing ERP-like system projects for large state and local governments. Before joining AMS, she served as the Controller for the City of Dallas and the Director of Finance for Carrollton, Texas. Ms. Sutton began her career as an auditor for state and local governments for a worldwide accounting firm. She holds a Bachelor of Business Administration from Texas Tech University and a Master of Business Administration from the University of Florida.

Christopher P. McCullion\* was appointed Deputy Chief Financial Officer on February 16, 2015. Prior to his appointment, Mr. McCullion served as the City Treasurer for the City of Orlando. He has served in various positions in municipal government since 2000 in the areas of operating and capital budgeting, investment management, debt management and economic development. He holds a Bachelor of Science in Business Administration, a Bachelor of Arts in Political Science, and a Master of Business Administration, all from the University of Florida.

Brian C. Battles was appointed Deputy Chief Financial Officer on February 16, 2015. Prior to his appointment, Mr. Battles served as the Budget Division Manager for the City of Orlando. He has served in various positions within higher education, state and local government since 2002 in the areas of financial management, governmental affairs, debt management and operating and capital budgeting. He holds a Bachelor of Science in Business Administration with a focus on Finance and Economics from the University of Central Florida as well as a Master of Science in Political Science from Florida State University.

Katrina Laudeman was appointed City Treasurer on May 11, 2015. Prior to her appointment, Ms. Laudeman was Treasury Manager and has held various positions within the Treasury Division, primarily focusing on investments and debt management. Ms. Laudeman holds a Bachelor of Science in Business Administration from the University of Central Florida.

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\* Ms. Sutton announced she will retire effective July 1, 2016. On February 29, 2016, the City Council approved the Mayor's appointment of Mr. McCullion to become the City's Chief Financial Officer effective July 3, 2016.

**CITY OF ORLANDO, FLORIDA**



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# GENERATE HIGH QUALITY JOBS

- Main Street Program
- BLUEPRINT
- Orlando Medical Careers Partnership
- Technology Ecosystem
- Hub for Social Enterprise
- Attracting Large Companies



# 600

New businesses &  
the creation of more  
than 4,000 jobs

## LOOKING AHEAD ECONOMIC GROWTH IN ORLANDO

- UCF/Valencia Downtown at Creative Village
- Project DTO
- Parramore Comprehensive Neighborhood Plan
- Online Permitting and Planning
- Increase strategic growth projects
- New South East Development



COMMUNITY  
REDEVELOPMENT AGENCY

“Orlando is attracting **brilliant young people**, who want to be entrepreneurs and start businesses here.”  
- MAYOR BUDDY DYER



## BLUEPRINT

Placed more than  
**3,000**  
Central Floridians

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY**

**SUMMARY INFORMATION  
As of September 30, 2015**

<b>DOWNTOWN DISTRICT</b>					
<b>Individual Bond Issues:</b>	<b>Outstanding</b>	<b>Ratings (1)</b>	<b>Insurance Provider</b>	<b>Paying Agent</b>	<b>Maturity</b>
Fixed Rate:					
Community Redevelopment Agency					
Tax Increment Revenue					
Bonds Series 2009A	\$ 12,070,000	A2/A/A	N/A	Wells Fargo	9/1/2022
Community Redevelopment Agency					
Tax Increment Revenue Refunding					
Bonds Series 2009B	1,120,000	A2/A/A	N/A	Wells Fargo	9/1/2016
Community Redevelopment Agency					
Taxable Tax Increment Revenue					
Bonds Series 2009C	50,955,000	A2/A/A	N/A	Wells Fargo	9/1/2037
Community Redevelopment Agency					
Tax Increment Revenue					
Bonds Series 2010A	4,010,000	A2/A/A	N/A	Wells Fargo	9/1/2018
Community Redevelopment Agency					
Taxable Tax Increment Revenue					
Bonds Series 2010B	<u>71,415,000</u>	A2/A/A	N/A	Wells Fargo	9/1/2040
Total Debt Outstanding	<u>\$ 139,570,000</u>				
Debt Service Reserve:	<u>\$ 9,863,940</u>				
(1) Moody's/S&P/Fitch.					
<b>Revenue Pledge:</b>					
Primary:					
Tax Increment Revenues - Downtown District					
Secondary:					
N/A					
<b>Internal Loan Fund Loans (Outstanding as of 9/30/15):</b>					
Florida Citrus Bowl Renovation	\$ 20,495,749				2039
Parramore Housing/Office Complex	5,925,946				2021
Market Rate Housing	1,406,799				2016
The Plaza	1,633,336				2022
Expo Centre Renovation	<u>1,400,000</u>				2020
	<u>\$ 30,861,830</u>				

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY**

<b>REPUBLIC DRIVE (UNIVERSAL BOULEVARD) DISTRICT</b>					
<b>Individual Bond Issues:</b>	<u>Outstanding</u>	<u>Rating (1)</u>	<u>Insurance Provider</u>	<u>Paying Agent</u>	<u>Maturity</u>
Fixed Rate:					
Tax Increment Revenue Refunding Bonds (Republic Drive /Universal Boulevard District), Series 2012	\$ 23,920,000	A-	N/A	Wells Fargo	4/1/2025
Tax Increment Revenue Bond (Republic Drive /Universal Boulevard District), Series 2013 (Private Placement)	<u>7,701,203</u>	N/A	N/A	Wells Fargo	4/1/2025
Total Debt Outstanding	<u>\$ 31,621,203</u>				
Debt Service Reserve:	<u>\$ 3,009,152</u>				
(1) Fitch.					
<b>Revenue Pledge:</b>					
Primary:					
Tax Increment Revenues - Republic Drive/Universal Boulevard District					
Secondary:					
N/A					

<b>CONROY ROAD DISTRICT</b>					
<b>Individual Bond Issues:</b>	<u>Outstanding</u>	<u>Rating (1)</u>	<u>Insurance Provider</u>	<u>Paying Agent</u>	<u>Maturity</u>
Fixed Rate:					
Tax Increment Revenue Refunding Bonds (Conroy Road District), Series 2012	<u>\$ 16,095,000</u>	A-	N/A	Wells Fargo	4/1/2026
Debt Service Reserve:	<u>\$ 1,903,221</u>				
(1) Fitch.					
<b>Revenue Pledge:</b>					
Primary:					
Tax Increment Revenues - Conroy Road District.					
Secondary:					
N/A					



**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**COMMUNITY REDEVELOPMENT AGENCY (CRA) DOWNTOWN DISTRICT**

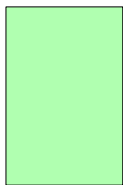
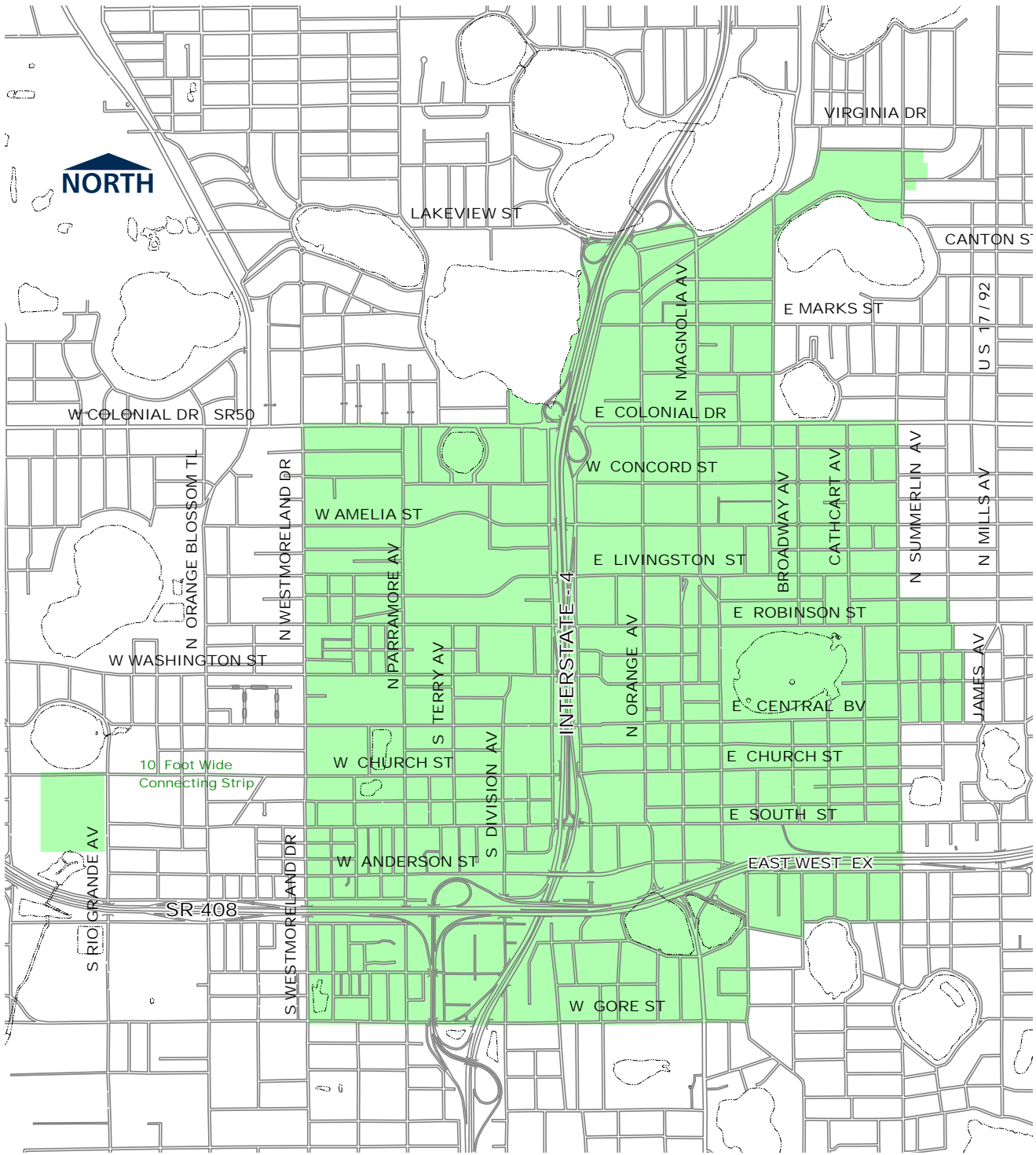
**INTRODUCTION**

The City of Orlando, Florida Community Redevelopment Agency (the "Agency") was created in February 1980 and expanded in March 1982 by resolution of the City Council, after a finding by the City Council that there existed within the Downtown area of the City slum or blighted areas. Chapter 163, Part III, Florida Statutes, as amended (the "Redevelopment Act") authorizes a municipality, after finding that there exists within the municipality slum or blighted areas and that there is a need to create a community redevelopment agency to carry out the redevelopment of the slum or blighted areas, to create a community redevelopment agency.

Pursuant to the Act, the City Council designated itself as the Agency. After a number of public meetings and public hearings, the City Council adopted a resolution in July 1982 approving a Downtown Orlando Redevelopment Area Plan (the "Original Redevelopment Plan") which provided a framework for new development and reuse of existing land and facilities in a portion of the downtown area which was found to be blighted ("the Original Downtown District"). The Original Downtown District consisted of approximately 600 acres in the heart of the downtown area of the City. The Original Redevelopment Plan outlined a set of programs to be carried out over an initial ten-year time frame with projects being undertaken on a year-by-year basis to meet the identified program areas of need which included upgrading the aging infrastructure system (water, sewer, etc.), improvement of traffic circulation, creation of additional opportunities for housing development, enhancement of the pedestrian environment and additions to the Parking System. All of the programs set forth in the Original Plan have been accomplished.

In March 1990, the Agency expanded the Original Downtown District to include adjacent areas in need of redevelopment. Despite significant growth within the Original Downtown District, the Agency found that existing conditions of "blight" in this expanded area could potentially interfere with the orderly accommodation of new growth, as well as act as a deterrent to private investment, which would continue to lead to conditions of "blight" in this area. This adjacent expanded area, which consists of approximately 1,020 acres, is referred to herein as the "Downtown District Expansion Area." The City, on March 26, 1990 found that this adjacent area consisted of "blighted" areas within the meaning of the Act; that the rehabilitation, conservation or redevelopment, or combination thereof, of this expanded area was necessary in the interest of public health, safety, morals or welfare of the residents of the City; that the Original Downtown District and the Downtown District Expansion Area should function as a single redevelopment area (the Downtown District). The Original Downtown District and the Downtown District Expansion Area (see Map on page C-6) are herein collectively referred to as the "Downtown District." The City is not prohibited by the Redevelopment Act from declaring other areas to be areas of "slum or blight" within the meaning of the Redevelopment Act.

The City has established two additional Community Redevelopment Areas: (a) Republic Drive (Universal Boulevard) Tax Increment District (included as part of this document beginning on page C-26) and, (b) Conroy Road Tax Increment District (beginning on page C-37).



Community  
Redevelopment  
Area



**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

The Redevelopment Act provides that upon creation of a community redevelopment agency, a municipality shall establish, on behalf of the community redevelopment agency, a community redevelopment trust fund. "Taxing Authorities," as defined in the Redevelopment Act, which levy ad valorem taxes on real property subject to taxation located within a Community Redevelopment Area, are required by January 1 of each year to deposit into the Community Redevelopment Area's corresponding Trust Fund an amount as described herein under "Tax Increment Revenues."

The taxing authorities that are required to make annual deposits to the Community Redevelopment Trust Fund and are currently doing so for the Downtown District are the City, Orange County, and the Downtown Development Board (DDB).

**OUTSTANDING INDEBTEDNESS**

**Outstanding Bonds**

As of September 30, 2015, the Agency's Downtown District has five outstanding tax increment revenue bond issues that are described below.

The 2009A and 2009C Bonds were issued to finance a portion of the cost of the Performing Arts Center in downtown Orlando. The 2009A and 2009C Bonds are callable at par on September 1, 2019. The Series 2009C Bonds were issued as taxable Build America Bonds pursuant to the American Recovery and Reinvestment Act of 2009. The Agency will be eligible to receive cash subsidy payments from the United States Treasury equal to 35% of the interest payable on the Series 2009C Bonds on each interest payment date. Federal sequestration guidelines reduced this subsidy by 7.3 percent in FY 2015 and FY 2016 reductions are scheduled to be 6.8 percent.

The 2009B Bonds were issued as an advance refunding of the Agency's Tax Increment Revenue Refunding and Revenue Bonds, Series 2002. The Agency also used legally available Agency funds to advance refund the Agency's Tax Increment Revenue Refunding Bonds, Series 2004. The 2009B Bonds are not callable.

The 2010A and 2010B Bonds were issued to finance a portion of the cost of the Performing Arts Center in downtown Orlando. The 2010A Bonds are not callable. The 2010B Bonds are callable at par on September 1, 2020. The 2010B Bonds were issued as taxable Build America Bonds pursuant to the American Recovery and Reinvestment Act of 2009. The Agency will be eligible to receive cash subsidy payments from the United States Treasury equal to 35% of the interest payable on the Series 2010B Bonds on each interest payment date. Federal sequestration guidelines reduced this subsidy by 7.3 percent in FY 2015 and FY 2016 reductions are scheduled to be 6.8 percent.

The schedule on the following page reflects the annual debt service requirements and the forecasted debt service coverage based on the Downtown District tax increment revenues collected as of December 31, 2015.

**Internal Loan Fund Obligations**

The Downtown District has made numerous borrowings from the City's Internal Loan Fund to finance redevelopment projects. As of September 30, 2015, the District has \$30,861,830 in outstanding principal on loans from the Internal Loan Fund (see "Subordinate Liens on Tax Increment Revenues – First Level Junior Obligations" herein).

**CITY OF ORLANDO, FLORIDA**  
**COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**ESTIMATED DEBT SERVICE SCHEDULE AND COVERAGE**  
**BASED ON HISTORIC REVENUES**

Fiscal Year Ending Sept. 30	2009A Bonds		2009B Bonds		2009C Bonds		2010A Bonds		2010B Bonds		Combined Total Debt Service	Tax Increment Revenue (2)	Combined Total Debt Service Coverage (3)	Debt Service Coverage Net of BABs Subsidy (4)
	Principal	Interest	Principal	Interest	Principal	Interest (1)	Principal	Interest	Principal	Interest (1)				
2016	\$ 520,000	\$ 600,425	\$ 1,120,000	\$ 42,000	\$ -	\$ 4,013,385	\$ 1,285,000	\$ 160,400	\$ -	\$ 5,416,944	\$ 13,158,154	\$ 23,451,352	1.78	2.33
2017	1,705,000	579,625	-	-	-	4,013,385	1,335,000	109,000	-	5,416,944	13,158,954	23,451,352	1.78	2.38
2018	1,775,000	511,425	-	-	-	4,013,385	1,390,000	55,600	-	5,416,944	13,162,354	23,451,352	1.78	2.38
2019	1,865,000	418,238	-	-	-	4,013,385	-	-	1,445,000	5,416,944	13,158,567	23,451,352	1.78	2.38
2020	1,965,000	320,325	-	-	-	4,013,385	-	-	1,535,000	5,327,209	13,160,919	23,451,352	1.78	2.37
2021	2,065,000	217,162	-	-	-	4,013,385	-	-	1,600,000	5,230,350	13,125,897	23,451,352	1.79	2.37
2022	2,175,000	108,750	-	-	-	4,013,385	-	-	1,670,000	5,125,390	13,092,525	23,451,352	1.79	2.37
2023	-	-	-	-	2,285,000	4,013,385	-	-	1,745,000	5,012,498	13,055,883	23,451,352	1.80	2.37
2024	-	-	-	-	2,455,000	3,842,010	-	-	1,830,000	4,891,046	13,018,056	23,451,352	1.80	2.35
2025	-	-	-	-	2,580,000	3,657,885	-	-	1,915,000	4,760,933	12,913,818	23,451,352	1.82	2.35
2026	-	-	-	-	2,710,000	3,464,385	-	-	2,010,000	4,622,862	12,807,247	23,451,352	1.83	2.35
2027	-	-	-	-	2,845,000	3,261,135	-	-	2,110,000	4,470,424	12,686,559	23,451,352	1.85	2.35
2028	-	-	-	-	2,985,000	3,047,760	-	-	2,220,000	4,310,401	12,563,161	23,451,352	1.87	2.35
2029	-	-	-	-	3,135,000	2,823,885	-	-	2,335,000	4,142,036	12,435,921	23,451,352	1.89	2.35
2030	-	-	-	-	3,295,000	2,588,760	-	-	2,445,000	3,964,950	12,293,710	23,451,352	1.91	2.35
2031	-	-	-	-	3,475,000	2,321,865	-	-	2,575,000	3,779,521	12,151,386	23,451,352	1.93	2.34
2032	-	-	-	-	3,665,000	2,040,390	-	-	2,710,000	3,579,083	11,994,473	23,451,352	1.96	2.34
2033	-	-	-	-	3,865,000	1,743,525	-	-	2,850,000	3,368,137	11,826,662	23,451,352	1.98	2.34
2034	-	-	-	-	4,070,000	1,430,460	-	-	3,000,000	3,146,293	11,646,753	23,451,352	2.01	2.33
2035	-	-	-	-	4,295,000	1,100,790	-	-	3,150,000	2,912,773	11,458,563	23,451,352	2.05	2.33
2036	-	-	-	-	4,525,000	752,895	-	-	3,315,000	2,667,577	11,260,472	23,451,352	2.08	2.33
2037	-	-	-	-	4,770,000	386,370	-	-	3,490,000	2,409,537	11,055,907	23,451,352	2.12	2.33
2038	-	-	-	-	-	-	-	-	8,700,000	2,137,875	10,837,875	23,451,352	2.16	2.32
2039	-	-	-	-	-	-	-	-	9,145,000	1,460,668	10,605,668	23,451,352	2.21	2.32
2040	-	-	-	-	-	-	-	-	9,620,000	748,821	10,368,821	23,451,352	2.26	2.32
Totals	<u>\$ 12,070,000</u>	<u>\$ 2,755,950</u>	<u>\$ 1,120,000</u>	<u>\$ 42,000</u>	<u>\$ 50,955,000</u>	<u>\$ 64,569,195</u>	<u>\$ 4,010,000</u>	<u>\$ 325,000</u>	<u>\$ 71,415,000</u>	<u>\$ 99,736,160</u>	<u>\$ 306,998,305</u>			

- (1) Interest is shown prior to application of the 35% Build America Bond interest subsidy.
- (2) Assumes Tax Increment Revenue collected within the Downtown District in the fiscal year ending September 30, 2016 (collected as of December 31, 2015), remains constant through September 30, 2040.
- (3) Debt Service Coverage is calculated on gross debt service, prior to application of the 35% Build America Bond interest subsidy.
- (4) Debt Service Coverage is calculated on net debt service, after the application of the 35% Build America Bond interest subsidy.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**PLEGDED TAX INCREMENT REVENUES**

**General**

The CRA Bonds are secured by a pledge of and lien on the Pledged Revenues, which include Pledged Tax Increment Revenues derived from the Original Area and the Expanded Area, when deposited into the Redevelopment Trust Fund established by an ordinance adopted on July 12, 1982 by the City Council as amended on June 18, 1990, October 23, 2000, June 25, 2007 and March 8, 2010 (the "CRA Ordinance"), pursuant to Section 163.387, Florida Statutes. Each taxing authority (the City, the County and the DDB) that is required to make payments to the Redevelopment Trust Fund is by law required to do so on or before January 1 of each year.

The Agency has designated additional areas to be slum or blighted areas within the meaning of the Redevelopment Act, and may do so in the future, but any tax increment revenues generated within such additional areas shall not constitute Pledged Tax Increment Revenues for purposes of the Bond Resolution and shall not be subject to the pledge and lien created by the Bond Resolution securing the Bonds, Additional Bonds and Parity Obligations unless (a) the CRA Ordinance is amended to require the tax increment revenues generated within such additional areas to be deposited in the Redevelopment Trust Fund and (b) the Bond Resolution is supplemented to expressly add such additional areas to the Downtown District and to pledge such tax increment revenues generated within such additional areas to the payment of the Bonds, Additional Bonds and Parity Obligations.

**Sources of Pledged Tax Increment Revenues**

Required payments by the taxing authorities to the Redevelopment Trust Fund are based on the assessed valuation of taxable real property as of the previous January 1. Pursuant to the Redevelopment Act and the CRA Ordinance, on or before each January 1, each such taxing authority (as such term is defined in Section 163.340(24), Florida Statutes) levying taxes in the Original Area must appropriate and pay to the Redevelopment Trust Fund an amount equal to 95% of the difference between:

- (a) The amount of ad valorem taxes levied each year by that taxing authority, exclusive of any amount from any debt service millage, upon taxable real property contained within the Original Area; and
- (b) The amount of ad valorem taxes which would have been produced by the rate upon which the tax is levied each year by or for that taxing authority upon the total of the assessed value of the taxable real property within the Original Area as shown on the assessment roll used in connection with the taxation of such property by all taxing authorities as of January 1, 1981.

Pursuant to the Redevelopment Act and the CRA Ordinance, on or before each January 1, each taxing authority levying taxes in the Expanded Area must appropriate and pay to the Redevelopment Trust Fund an amount equal to 95% of the difference between:

- (a) The amount of ad valorem taxes levied each year by that taxing authority, exclusive of any amount from any debt service millage, upon the total assessed taxable real property in the Expanded Area; and
- (b) The amount of ad valorem taxes which would have been produced by the rate upon which the tax is levied in each year by or for such taxing authority, upon the total of the assessed value of the taxable real property within the Expanded Area as shown upon the assessment roll used in connection with the taxation of such property by all taxing authorities immediately prior to June 18, 1990 (the January 1, 1989 assessment roll).

Current and future tax increment revenue accruing within the Original Area and the Expanded Area (both inside and outside of the DDB) is predicated upon increases in assessed real property valuations in excess of taxable assessed values recognized for a specific base year. The increases are measured in terms of the different base year(s) indicated below.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**BASE YEAR TAXABLE ASSESSED VALUES**

<u>Area</u>	<u>Acreage</u>	<u>Base Year</u>	<u>Taxable Assessed Value in Base Year</u>
Original Area	596	1981	\$ 136,557,113
Expanded Area Inside DDB	407 (est)	1989	\$ 315,256,299
Expanded Area Outside DDB	617 (est)	1989	\$ 85,483,286
<b>TOTAL DOWNTOWN DISTRICT</b>	<b>1,620</b>		<b>\$ 537,296,698</b>

Source: City of Orlando, Florida Community Redevelopment Agency and the CRA Ordinance.

The incremental increase in ad valorem taxes previously described is used to measure the amount of the contribution which must be appropriated and contributed by each taxing authority which is required to make payments. The taxing authorities cannot be compelled to levy ad valorem taxes to generate tax increment or to make such payments. The statutory obligation of a taxing authority to make the required payments to a community redevelopment trust fund continues for so long as a community redevelopment agency has indebtedness pledging tax increment revenues to the payment thereof outstanding, but any bonds, notes or other form of indebtedness pledging incremental revenues to the payment thereof shall mature no later than the end of the 30<sup>th</sup> fiscal year after the fiscal year in which a redevelopment plan is last amended. The last amendment of the Downtown Outlook 2000 Plan was adopted on June 15, 2015. Additionally, the obligation of the governing body which established the community redevelopment agency to fund the community redevelopment trust fund annually continues until all loans, advances and indebtedness, if any, and interest thereof, of such community redevelopment agency incurred as a result of redevelopment in a community redevelopment area have been paid. The Agency has covenanted in the Bond Resolution to diligently enforce its right to receive and dispose of the Pledged Revenues and has agreed that it shall not take any action which will impair or adversely affect the Pledged Revenues or the right to receive such revenues.

**Millage Rates**

The table below summarizes the historic millage rates levied by each taxing authority required to make payments to the Community Redevelopment Downtown District Trust Fund.

**Historic Millage Rates  
(last ten years)**

<b>Fiscal Year Ended Sept. 30</b>	<b>City of Orlando <sup>(1)</sup></b>	<b>Orange County <sup>(1)</sup></b>	<b>Downtown Development Board <sup>(2)</sup></b>	<b>Total</b>
2007	5.6916	5.1639	1.0000	11.8555
2008	4.9307	4.4347	1.0000	10.3654
2009	5.6500	4.4347	1.0000	11.0847
2010	5.6500	4.4347	1.0000	11.0847
2011	5.6500	4.4347	1.0000	11.0847
2012	5.6500	4.4347	1.0000	11.0847
2013	5.6500	4.4347	1.0000	11.0847
2014	5.6500	4.4347	1.0000	11.0847
2015	6.6500	4.4347	1.0000	12.0847
2016 <sup>(3)</sup>	6.6500	4.4347	1.0000	12.0847

(1) The Florida Constitution limits the City and County millage capacity (non-debt related) to 10.0000 mills.

(2) The Downtown Development Board, by special act, has a 1.0000 millage capacity.

(3) The City, the County, and the DDB have approved these millage rates for the 2016 fiscal year.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

The following table summarizes the historical gross assessment (taxable) values for the Downtown tax increment districts as of January 1 of each year. Tax increment revenues are deposited by January 1 of the following year. See page C-13 for the actual tax increment revenues collected for fiscal years ending September 30, 2015 and 2016 with forecasted revenues through 2040.

Tax Year	Original Downtown District		Downtown District Expansion Area		Total	Total
	Taxable Assessed	Incremental	Taxable Assessed	Incremental	Taxable Assessed	Incremental
	Values	Value	Values	Value	Value	Value
2006	1,282,987,040	1,146,429,927	831,768,902	431,029,317	2,114,755,942	1,577,459,244
2007	1,571,414,440	1,434,857,327	977,023,237	576,283,652	2,548,437,677	2,011,140,979
2008	1,919,226,932	1,782,669,819	1,041,912,346	641,172,761	2,961,139,278	2,423,842,580
2009	1,913,619,431	1,777,062,318	900,646,856	499,907,271	2,814,266,287	2,276,969,589
2010	1,486,255,300	1,349,698,187	738,656,045	337,916,460	2,224,911,345	1,687,614,647
2011	1,417,147,319	1,280,590,206	685,171,370	284,431,785	2,102,318,689	1,565,021,991
2012	1,394,289,064	1,257,731,951	669,541,381	268,801,796	2,063,830,445	1,526,533,747
2013	1,457,320,568	1,320,763,455	690,594,373	289,854,788	2,147,914,941	1,610,618,243
2014	1,511,237,543	1,374,680,430	765,987,876	365,248,291	2,277,225,419	1,739,928,721
2015	1,736,695,185	1,600,138,072	858,790,986	458,051,401	2,595,486,171	2,058,189,473

**Established Tax Increment Revenues**

The aggregate assessed valuation of taxable real property in the Original Downtown District as of January 1, 1981 used for determining the incremental assessed valuation in future years was \$136,557,113. The aggregate assessed valuation of taxable real property in the Downtown District Expansion Area as of January 1, 1989 used for determining the incremental assessed valuation in future years was \$400,739,585. Such valuations are referred to herein as the “Frozen Tax Base.” The amount of Tax Increment Revenues to be received in any future year is dependent on the assessed valuation of taxable real property in the related district as of each January 1, the incremental increase in such valuation above the Frozen Tax Base and the total millage rate levied by the relevant taxing authorities; all of which factors are completely beyond the control of the Agency. The following table shows historical tax increment revenues for the Downtown District:

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**HISTORIC PLEDGED TAX INCREMENT REVENUES**

Fiscal Year <u>Ended September 30</u>	Pledged Tax <u>Increment Revenue</u>	Annual Percent <u>Increase/(Decrease)</u>
1982	\$0	--
1983	277,000	--
1984	943,000	240.43%
1985	998,000	5.83
1986	2,270,000	127.45
1987	2,616,000	15.24
1988	3,030,000	15.83
1989	4,119,000	35.94
1990	5,928,000	43.92
1991	6,942,000	17.11
1992	6,633,000	(4.45)
1993	6,053,000	(8.74)
1994	5,108,000	(15.61)
1995	4,854,000	(4.97)
1996	4,957,000	2.12
1997	4,872,000	(1.71)
1998	6,167,000	26.58
1999	6,696,000	8.58
2000	6,970,000	4.09
2001	7,991,000	14.65
2002	8,971,000	12.26
2003	9,455,000	5.40
2004	9,891,000	4.61
2005	10,707,000	8.25
2006	12,847,000	19.99
2007	17,544,000	36.56
2008	19,357,000	10.33
2009	24,585,000	27.01
2010	22,895,000	(6.87)
2011	17,627,000	(23.01)
2012	16,356,000	(7.21)
2013	15,950,000	(2.48)
2014	16,823,000	5.47
2015	19,823,000	17.83
2016	23,451,000	18.30

Source: City's Comprehensive Annual Financial Report, with the exception of Fiscal Year ending September 30, 2016, which reflects the deposit to the Redevelopment Trust Fund on or about December 31, 2015, based on January 1, 2015 taxable assessed values.



**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**Factors Affecting Tax Increment Revenues**

Neither the City nor any other taxing authority levying ad valorem taxes within any district has covenanted or pledged to levy ad valorem taxes on taxable real property at a level sufficient to generate Tax Increment Revenues in any amount or at all. The pledge of Tax Increment Revenues does not constitute a pledge of the ad valorem taxing power of the City, the County or the DDB with respect to the Downtown District.

The amount of Tax Increment Revenues to be deposited in the Community Redevelopment Trust Funds and pledged to the related District's Bonds is dependent upon, among other things, (a) the millage rates, if any, established by the City, Orange County and the DDB and (b) growth in the assessed valuation of taxable real property in the related district, which increase will be affected by the annual appraisal of taxable real property, including new construction completed within the related district.

**SUBORDINATE LIENS ON TAX INCREMENT REVENUES**

The Bond Resolution does not prohibit the Agency in any manner from issuing debt obligations of any kind secured by a lien on Pledged Revenues which is junior to the lien thereon of the Bonds and any Additional Bonds and Parity Obligations (collectively referred to herein as the "Senior Lien Debt"). The Agency has incurred (i) the following subordinate priority obligations (referred to herein as "Junior Obligations"), each as more fully described below, and (ii) operating and administrative costs, and capital expenses of the Agency (collectively, the "Operational Expenses"). Pursuant to the Bond Resolution, the Agency may issue subordinate debt which is subordinate to the Senior Lien Debt but may be payable prior to the Junior Obligations described below. At the present time, the Agency has no such subordinate debt.

After all payments required by the Bond Resolution have been made in any particular Bond Year, all excess Pledged Tax Increment Revenues (the "Excess Revenues") remaining in the Redevelopment Trust Fund may be used by the Agency for any lawful purpose of the Agency in accordance with the Redevelopment Act.

**First Level Junior Obligations**

Excess Revenues are used by the Agency to secure loans from the City's Internal Loan Fund. The Internal Loan Fund utilizes bond proceeds from external bond issues to provide a source of funds that are loaned to internal loan "participants" (City departments, the Agency, etc.) for specific projects within the City. The external bond issues include a combination of fixed, medium term and variable rate debt instruments which are then repaid by debt service payments from the loan "participants" to the Internal Loan Fund. The Internal Loan Fund charges its participant borrowers the blended effective interest rate including carrying costs (letter or line of credit, remarketing, etc.), if any. The currently outstanding Internal Loan Fund loans to the Agency are:

<u>Project</u>	<u>Term</u>		<u>2014-2015</u>	<u>Amount</u>
	<u>Years</u>	<u>Maturity</u>	<u>Principal and Interest Payments</u>	<u>Outstanding 10/1/2015</u>
Bank of America/Hughes Supply (Housing Office)	18	2021	\$ 993,724	\$ 5,925,946
Market Rate Housing	13	2016	1,385,402	1,406,799
The Plaza	18	2024	294,162	1,633,336
UCF School of Film & Digital Media (Expo Renov.)	15	2020	333,451	1,400,000
Mad Cow Theatre	3	2015	140,000	-
Citrus Bowl Renovation	26	2039	1,227,695	20,495,749
Total			<u>\$ 4,374,434</u>	<u>\$ 30,861,830</u>

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**Second Level Junior Obligations**

The second level is used to support a variety of non-borrowed incentive payments over time. This category currently includes the Hotel, Residential Catalyst, and Destination Catalyst Incentive obligations. These obligations are prior to the Agency's operating and pay-as-you-go capital and/or one-time incentive programs. These Second Level obligations are given this level of priority to give reasonable comfort to private sector incentive recipients that these funding commitments will be paid as scheduled. The outstanding Second Level Junior Obligations follow:

<u>Project</u>	<u>Term</u>		<u>2014-2015</u>
	<u>Years</u>	<u>Maturity</u>	<u>Payment</u>
<u>Mixed Use/Residential:</u>			
55 West	12	2022	199,940
The Plaza			
Destination	10	2017	350,000
Residential	12	2019	148,353
Paramount on Lake Eola			
Parking Garage	8	2017	283,012
Camden Orange Court			
Residential	12	2021	74,199
Total			\$ 1,055,504

**Third Level Junior Obligations**

In addition to the projects funded and/or financed through the above referenced levels of obligations, the Agency primarily pays its operating costs (staff, consultants, etc.), some incremental maintenance costs, smaller one-time incentive payments and annual pay-as-you-go capital project costs with respect to the Downtown District and other areas within the jurisdiction of the Agency at this Third Level of Junior Obligations. The following schedule illustrates the cost of these various categories for each of the last five years.

**(presented in thousands)**

	<u>2010-2011</u>	<u>2011-2012</u>	<u>2012-2013</u>	<u>2013-2014</u>	<u>2014-2015</u>
Operating Costs	\$ 1,949.07	\$ 2,415.72	\$ 1,747.22	\$ 4,247.67 <sup>(1)</sup>	\$ 2,201.51
Maintenance Costs	975.16	1,073.14	971.18	884.64	1,014.96
Incentive Payments	393.05	268.05	803.05	573.13	1,312.31
Capital Projects	285.69	111.81	99.20	83.86	153.80
Debt Service Support	1,811.65	1,814.35	2,456.39	3,207.13	2,157.18
Total	\$ 5,414.62	\$ 5,683.07	\$ 6,077.04	\$ 8,996.43	\$ 6,839.76

(1) Most of the increase in operating costs from FY12/13 to FY13/14 is from a one-time purchase of land.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**Forecast of Revenues Available For Operating and Capital Expenditures**

The following schedule reflects the Tax Increment Revenues available for Operational and Capital Expenditures after making debt service payments on the Senior Lien Debt, required under the terms of the Bond Resolution, the debt service payments on the Second Lien Level Internal Loan Fund Loan(s) and the Third Lien Level Incentive Payment(s).

**Forecast of Revenues Available for Operating and Capital Expenditures**

<b>Fiscal Year Ending Sept. 30</b>	<b>Tax Increment Revenue (1)</b>	<b>Combined Senior Lien Debt Service (2)</b>	<b>Available After Senior Lien Debt</b>	<b>1st Level Junior Obligations Debt Service (3)</b>	<b>2nd Level Junior Obligations Payments (4)</b>	<b>Available for 3rd Level Junior Obligations Expenditures</b>
2015	\$ 19,823,135	\$ 12,387,362	\$ 7,435,773	\$ 4,374,434	\$ 1,055,504	\$ 2,005,835
2016	23,451,352	13,158,154	10,293,198	4,507,447	1,102,775	4,682,976
2017	23,451,352	13,158,954	10,292,398	3,048,697	1,119,045	6,124,656
2018	23,451,352	13,162,354	10,288,998	3,054,757	791,099	6,443,142
2019	23,451,352	13,158,567	10,292,785	3,062,678	412,054	6,818,053
2020	23,451,352	13,160,919	10,290,433	3,072,591	273,226	6,944,616
2021	23,451,352	13,125,897	10,325,455	2,804,634	279,548	7,241,273
2022	23,451,352	13,092,525	10,358,827	1,586,918	208,320	8,563,589
2023	23,451,352	13,055,883	10,395,469	1,344,252	-	9,051,217
2024	23,451,352	13,018,056	10,433,296	1,344,251	-	9,089,045
2025	23,451,352	12,913,818	10,537,534	1,344,251	-	9,193,283
2026	23,451,352	12,807,247	10,644,105	1,344,252	-	9,299,853
2027	23,451,352	12,686,559	10,764,793	1,344,251	-	9,420,542
2028	23,451,352	12,563,161	10,888,191	1,344,251	-	9,543,940
2029	23,451,352	12,435,921	11,015,431	1,344,251	-	9,671,180
2030	23,451,352	12,293,710	11,157,642	1,344,251	-	9,813,391
2031	23,451,352	12,151,386	11,299,966	1,344,251	-	9,955,715
2032	23,451,352	11,994,473	11,456,879	1,344,251	-	10,112,628
2033	23,451,352	11,826,662	11,624,690	1,344,251	-	10,280,439
2034	23,451,352	11,646,753	11,804,599	1,344,251	-	10,460,348
2035	23,451,352	11,458,563	11,992,789	1,344,252	-	10,648,537
2036	23,451,352	11,260,472	12,190,880	1,344,252	-	10,846,628
2037	23,451,352	11,055,907	12,395,445	1,344,251	-	11,051,194
2038	23,451,352	10,837,875	12,613,477	1,344,251	-	11,269,226
2039	23,451,352	10,605,668	12,845,684	1,344,251	-	11,501,433
2040	23,451,352	10,368,821	13,082,531	-	-	13,082,531

- (1) For years ending September 30, 2015 and 2016 utilizes Tax Increment Revenue collected within the Downtown District during each fiscal year. For years ending 2017 through 2040, utilizes the Tax Increment Revenues (within the Downtown District) received for the fiscal year ending September 30, 2016 (collected as of December 31, 2015).
- (2) Debt Service is shown prior to the application of the Build America Bonds interest rate subsidy (35%, but reduced by sequestration cuts).
- (3) Reflects actual loan payments for the fiscal year ended September 30, 2015. Internal loans have a blended interest rate which is charged equally to all loan participants. The blended rate is based on actual variable and fixed rates incurred on the external debt underlying the Internal Loan Fund program. The estimated interest rate for fiscal years 2016 through 2039 is 4.00%.
- (4) Reflects actual payments for the fiscal year ended September 30, 2015. For years ending 2016 through 2022 utilizes projected assessed values and current millage rates.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY - DOWNTOWN DISTRICT**

**AGENCY FINANCIAL INFORMATION**

Financial information of the Agency for the last five fiscal years is shown in the following table:

**DOWNTOWN DISTRICT FIVE-YEAR INFORMATION  
FOR THE FISCAL YEARS 2011 THROUGH 2015**

	Fiscal Year Ended 9/30/2011	Fiscal Year Ended 9/30/2012	Fiscal Year Ended 9/30/2013	Fiscal Year Ended 9/30/2014	Fiscal Year Ended 9/30/2015
<b>Assets</b>					
Current Assets	\$ 28,397,423	\$ 30,755,560	\$ 26,360,802	\$ 19,407,138	\$ 15,577,563
Restricted Assets	29,406,269	27,574,770	27,246,289	11,607,991	11,951,390
<b>Total Assets</b>	<u>\$ 57,803,692</u>	<u>\$ 58,330,330</u>	<u>\$ 53,607,091</u>	<u>\$ 31,015,129</u>	<u>\$ 27,528,953</u>
<b>Liabilities and Fund Balances</b>					
Current Liabilities	\$ 1,463,921	\$ 1,274,942	\$ 1,080,316	\$ 1,554,510	\$ 1,159,107
<b>Fund Balances (1)</b>					
Restricted	56,339,771	57,055,388	52,526,775	29,460,619	26,369,846
<b>Total Liabilities and Fund Balances</b>	<u>\$ 57,803,692</u>	<u>\$ 58,330,330</u>	<u>\$ 53,607,091</u>	<u>\$ 31,015,129</u>	<u>\$ 27,528,953</u>
<b>Operating Revenues</b>					
Tax Increment Fees	\$ 17,626,916	\$ 16,356,340	\$ 15,949,624	\$ 16,823,023	\$ 19,823,135
Income (Loss) on Investments	1,875,319	3,241,979	(587,746)	1,490,519	409,755
Other	3,351,025	3,445,490	3,283,681	3,276,460	3,184,315
<b>Total Operating Revenues</b>	<u>22,853,260</u>	<u>23,043,809</u>	<u>18,645,559</u>	<u>21,590,002</u>	<u>23,417,205</u>
<b>Operating Expenditures</b>					
Salaries, Wages, and Benefits	1,578,410	1,542,562	1,542,712	1,546,657	1,590,039
Contractual Services, Materials, and Supplies	467,486	1,213,464	575,972	2,977,674 (2)	952,362
Economic Development Incentives and Other	2,568,068	2,244,349	2,681,979	2,155,743	3,042,047
Sub Total	<u>4,613,964</u>	<u>5,000,375</u>	<u>4,800,663</u>	<u>6,680,074</u>	<u>5,584,448</u>
Capital Improvements	285,694	111,809	99,198	83,856	153,635
Debt Service:					
Principal	3,432,015	3,603,573	4,677,939	5,120,662	6,081,577
Interest and Other	11,352,205	11,062,785	11,130,519	11,374,685	11,430,219
<b>Total Operating Expenditures</b>	<u>19,683,878</u>	<u>19,778,542</u>	<u>20,708,319</u>	<u>23,259,277</u>	<u>23,249,879</u>
Operating Income (Loss)	<u>3,169,382</u>	<u>3,265,267</u>	<u>(2,062,760)</u>	<u>(1,669,275)</u>	<u>167,326</u>
<b>Non-Operating Revenue (Expenditures):</b>					
Operating Transfers (Net)	(2,579,665)	(2,969,650)	(2,465,853)	(21,396,881) (3)	(3,258,099)
Refunding Bonds Issued	-	-	-	-	-
Premium on Issuance of Bonds	-	-	-	-	-
Payment to Refunded Bond Escrow Agent	-	-	-	-	-
Issuance of Debt	-	420,000	-	-	-
<b>Total Non-Operating Revenue (Expenditures)</b>	<u>(2,579,665)</u>	<u>(2,549,650)</u>	<u>(2,465,853)</u>	<u>(21,396,881)</u>	<u>(3,258,099)</u>
Net Change in Fund Balances	589,717	715,617	(4,528,613)	(23,066,156)	(3,090,773)
Fund Balances - Beginning	55,750,054	56,339,771	57,055,388	52,526,775	29,460,619
Fund Balances - Ending	<u>\$ 56,339,771</u>	<u>\$ 57,055,388</u>	<u>\$ 52,526,775</u>	<u>\$ 29,460,619</u>	<u>\$ 26,369,846</u>

Source: City of Orlando's CAFR.

(1) Fund Balances have been classified in accordance with Governmental Accounting Standards Board (GASB) Statement No. 54.

(2) Most of the increase for FY14 was due to a one-time purchase of land.

(3) The increase in FY14 in operating transfers out is due to the transfer of CRA Funds to the CRA Reserve for the Venues construction projects under the Series 2014A Contract TDT Payments Revenue Bonds and for a transfer to the CIP Fund for the Downtown Conference Center project.

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**THE COMMUNITY REDEVELOPMENT AGENCY**

**Agency Members and Staff**

The members of the Agency are the seven members of the City Council with the Mayor serving as Chairman of the Agency and the Mayor Pro-Tem serving as the Vice Chairman. The Agency's staff is led by Thomas C. Chatmon, Jr., Executive Director.

Thomas C. Chatmon, Jr. was appointed Executive Director of the Community Redevelopment Agency on February 19, 2007. Prior to accepting his position with the CRA, Thomas was the President and Chief Executive Officer (CEO) for Albany Tomorrow, Inc. for ten years. Albany Tomorrow, Inc. is a non-profit organization that contracted with the City of Albany, Georgia and Dougherty County to manage and administer the Albany Downtown Riverfront Master Plan. Thomas also has 18 years experience in business as President/CEO of a retail/wholesale distribution corporation.

The Redevelopment Act provides that the governing body of the municipality shall serve as the Agency's Board members and constitute the head of a separate legal entity, distinct and independent from the governing body of the municipality. Under the Redevelopment Act, the Agency is a separate public body corporate and politic, independent of the City.

In order to receive comments and advice on actions proposed to be undertaken within the Downtown District, the City Council established an Official Advisory Board to the Agency (the "Advisory Board") composed of the members of the Downtown Development Board, plus two representatives appointed by the Board of County Commissioners of Orange County, one of which must be an elected Orange County official. Although the Agency is responsible for all final decisions, all matters relating to the goals and objectives, projects and the budget of the Agency are reviewed by the Advisory Board.

**CITY ADMINISTRATION**

**Management of the City**

The City operates under a mayor-council form of government. The Mayor is the City's Chief Executive Officer, elected for a term of four years. In addition to serving as presiding officer and as a voting member of the City Council, the Mayor's responsibilities include the enforcement of laws, control of City departments and divisions, appointment and removal of officers and employees, supervision of City property and negotiations of contracts. The Mayor makes recommendations for creation of ordinances and resolutions to the City Council and presents the annual budget for approval.

The City Council is the legislative branch of City government and is responsible for taxation, finances, zoning regulation and boundaries. The City Council (consisting of, the Mayor elected at large as Chairman and six district commissioners) reviews plans and specifications for public improvements, enacts legislation governing City operations and approves the City budget. Commissioners are elected on a district-wide basis for four-year terms on a two-year staggered basis.

The Mayor is the Chief Executive Officer with eight departments reporting to him: Business & Financial Services; Economic Development; Families, Parks and Recreation; Fire; Housing and Community Development; Orlando Venues; Police; and Public Works. The Mayor is assisted in the day-to-day oversight of city operations by the Chief Administrative Officer. Separately, under the Mayor's Chief of Staff, there are five offices: the City Clerk; Communications and Neighborhood Relations; Community Affairs; Constituent Relations; and Intergovernmental Relations.

Mayor Buddy Dyer is a native of Central Florida, born in Orlando and raised in the nearby City of Kissimmee. Following graduation from high school, he was awarded a scholarship to Brown University where his studies were concentrated on civil engineering. Upon graduation, Mayor Dyer returned to Orlando to work as an environmental engineer, later enrolling in the University of Florida Law School, where he was named editor-in-chief of the University of Florida Law Review. Following graduation from law school, Mayor Dyer began his legal career with the Orlando law firm of Winderweedle, Haines, Ward & Woodman. Prior to becoming Mayor, Buddy Dyer served the Orlando area for ten years as a State Senator in the Florida Legislature. Mayor Dyer was first

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elected in 2003 to fill an unexpired term and was subsequently re-elected to full-four year terms commencing in 2004, 2008, 2012 and 2016.

**Financial and Budgetary Support Systems**

The Chief Financial Officer ("CFO") is responsible for the oversight of the City's financial affairs. This includes the functions of accounting, accounts payable, accounts receivable, operating and capital budgeting, fleet management, facilities management, real estate management, financial forecasting, financial reporting, debt management, grants management, investment management, investor relations, payroll, pension management, purchasing, risk management, and technology management. In addition, the CFO provides counseling to various departments and business units and is an active participant in strategic planning activities.

The City has gained recognition for its Comprehensive Annual Financial Report. A Certificate of Achievement for Excellence in Financial Reporting has been awarded to the City by the Government Finance Officers Association of the United States and Canada ("GFOA") for each Fiscal Year since 1978. The City was also an early participant in the GFOA's Distinguished Budget Presentation Awards program and received the budget award for its budget document for Fiscal Years 1984 through 1989. Due to perceived problems with consistency in the budget awards program at the time, the City elected to discontinue participation but maintain internally the high standards which had been recognized. In light of substantial changes to the program, the City resumed its participation beginning with its Fiscal Year 2004 Budget document. The City has been awarded the Distinguished Budget Presentation Award for each Fiscal Year since 2004.

Rebecca W. Sutton\* was appointed Chief Financial Officer on December 5, 2005. Before joining the City, she served the State of Florida as its Deputy Chief Financial Officer from September 2002 to December 2005; and as Deputy Secretary/CIO for the Department of Management Services from December 2001 to September 2002. Prior to her service with the State, Ms. Sutton worked for American Management Systems (AMS) implementing ERP-like system projects for large state and local governments. Before joining AMS, she served as the Controller for the City of Dallas and the Director of Finance for Carrollton, Texas. Ms. Sutton began her career as an auditor for state and local governments for a worldwide accounting firm. She holds a Bachelor of Business Administration from Texas Tech University and a Master of Business Administration from the University of Florida.

Christopher P. McCullion\* was appointed Deputy Chief Financial Officer on February 16, 2015. Prior to his appointment, Mr. McCullion served as the City Treasurer for the City of Orlando. He has served in various positions in municipal government since 2000 in the areas of operating and capital budgeting, investment management, debt management and economic development. He holds a Bachelor of Science in Business Administration, a Bachelor of Arts in Political Science, and a Master of Business Administration, all from the University of Florida.

Brian C. Battles was appointed Deputy Chief Financial Officer on February 16, 2015. Prior to his appointment, Mr. Battles served as the Budget Division Manager for the City of Orlando. He has served in various positions within higher education, state and local government since 2002 in the areas of financial management, governmental affairs, debt management and operating and capital budgeting. He holds a Bachelor of Science in Business Administration with a focus on Finance and Economics from the University of Central Florida as well as a Master of Science in Political Science from Florida State University.

Katrina Laudeman was appointed City Treasurer on May 11, 2015. Prior to her appointment, Ms. Laudeman was Treasury Manager and has held various positions within the Treasury Division, primarily focusing on investments and debt management. Ms. Laudeman holds a Bachelor of Science in Business Administration from the University of Central Florida.

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\* Ms. Sutton announced she will retire effective July 1, 2016. On February 29, 2016, the City Council approved the Mayor's appointment of Mr. McCullion to become the City's Chief Financial Officer effective July 3, 2016.

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**ORIGINAL REDEVELOPMENT PLAN AND 1990 REDEVELOPMENT PLAN**

Pursuant to the Original Redevelopment Plan (adopted in July 1982) and the 1990 Redevelopment Plan, the Agency has worked to encourage private development in the downtown area. Toward this end, the Agency allocated much of its funding in its initial years to upgrading infrastructure needs. These projects have included:

Sanitary & stormwater sewer system improvements

Roadway resurfacing

Streetscaping pedestrian corridors

Parking facilities construction

Traffic signal modernization

In addition to the basic infrastructure needs, overall image enhancements including development or refurbishment of open space areas, parks, plazas and recreational facilities were completed. Low and moderate income housing was developed to accommodate the growing downtown workforce. A special emphasis was also placed on enhancing retail opportunities and improving the marketability of downtown to the hospitality and convention industries.

The initial work of the Agency produced two public/private ventures resulting in the development of Church Street Market and a downtown hotel now known as the Sheraton Orlando Downtown Hotel (formerly the Orlando Marriot Downtown). The hotel is a 290 room, \$30 million development, constructed on publicly owned land. Church Street Market was a 75,000 square foot, \$20 million specialty retail center developed on a former public parking lot. Both projects were instrumental in changing both attitudes and market perception of downtown's economic viability. The hotel opened in 1986 and the Church Street Market opened in 1988. The Church Street Market property has been redeveloped into the 55 West mixed-use project.

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**DOWNTOWN OUTLOOK 2000 PLAN**

**General**

The Downtown Outlook 2000 Plan (the “2000 Plan”) views the downtown area as a regional economic hub for government, financial, legal and corporate operations. The 2000 Plan provides a long-term vision and action strategies to ensure Downtown Orlando is a place for families and individuals to live, work and enjoy. While the 2000 Plan covers the entire 1,620 acre Downtown District, the Downtown District has been divided into four planning areas, allowing recognition of their unique individual characteristics.

During the past 20 years, portions of the Downtown District have undergone significant change and redevelopment. The 2000 Plan is intended to encourage these changes to continue to shape future growth. It is anticipated that the majority of redevelopment activity in the Downtown District will occur in the area under the jurisdiction of the DDB. The other areas within the Downtown District will primarily experience residential development and associated neighborhood commercial uses.

In order to eliminate blight and to implement a vision for downtown as a whole and for each of its neighborhoods, the following redevelopment strategies, actions and projects have been identified in the 2000 Plan.

**Community Character**

The 2000 Plan seeks to promote community character by establishing a sense of community that offers something for everyone: families, singles, seniors and visitors. To accomplish this, the 2000 Plan addresses physical design, public policy, safety and security, education, housing and neighborhood preservation. The 2000 Plan recognizes the need for a full range of housing for all income levels in and around downtown.

**Family Connections**

Connecting people to the various functional areas of downtown is integral to the 2000 Plan, with special emphasis on pedestrian movement. Pedestrian improvements called for by the Plan include such projects as streetscape, treescape, sidewalks and railroadscape projects. Streetscaping has been used as a catalyst to improve the image of downtown Orlando. The Downtown Outlook 2000 Plan envisions connecting neighborhoods through a network of public open spaces, cultural facilities and civic spaces linked with tree-lined pedestrian friendly streets. In addition, the 2000 Plan calls for support for the Florida Center for the Arts and Education, plus the cultural corridor and arts district.

**Getting Around**

In order to improve accessibility to and around downtown, the 2000 Plan calls for improving the balance between cars and alternative modes of transportation such as mass transit, bicycling and the pedestrian environment. Providing a balanced transportation system with multiple options for getting around downtown and the region will enhance downtown’s marketability to businesses and residences. The 2000 Plan calls for the improvement of Interstate 4 (I-4) and the East-West Expressway (SR 408), making Anderson Street and South Street two-way between Westmoreland Drive and Rosalind Avenue, and realigning and creating new streets to facilitate proposed parks in the Uptown, Parramore and the Eola planning areas.

The 2000 Plan calls for mass transit to become a more prominent transportation alternative. The addition of other transit circulator routes connecting the four planning areas and the existing Lymmo downtown circulator would provide additional alternatives to improve mobility around downtown. A new inter-modal transportation center at Garland Avenue and Livingston Street (that opened in 2004), serves all planning areas. In addition, the development of commuter rail and/or light rail systems would provide both regional and local access to downtown. In 2014, phase I of SunRail, a 61 mile commuter rail system began operating in Central Florida which has two stations in the downtown CRA.

Improving connectivity for pedestrians and bicyclists is a key element in building community and improving the sustainability of downtown. In addition to recreational use, a comprehensive pedestrian and bicycle network is proposed to provide real transportation alternatives. The 2000 Plan calls for expanding the City of Orlando’s proposed bikeway projects within downtown throughout the four planning areas and enhancing the pedestrian experience. Proposed bikeway projects include improvements to Park Lake Street, Division Avenue, Parramore Avenue, Osceola Avenue, and Jackson Street.



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Pedestrian circulation throughout downtown would be enhanced through streetscape or green link projects to streets such as Colonial Drive, Orange and Magnolia Avenues, Parramore and Westmoreland Avenues, Central Boulevard, Robinson Street, Amelia Street and numerous others.

**Market Potential**

The goals and objectives identified for Community Character, Family Connections and Getting Around form the framework for the redevelopment strategy. However, for the 2000 Plan to be feasible, the objectives must be grounded in reality. To ensure that the action statements and projects identified in the 2000 Plan are responsive to changing market conditions and economically feasible, studies of the three primary target markets: retail, office and residential were completed. The 2000 Plan calls for expanding the downtown residential and retail incentive programs; supporting retail, cultural and arts projects; providing incentives for office development and incentives to encourage conferences, small conventions and meetings downtown.

**Projects Identified**

A summary of the major projects identified in the 2000 Plan is provided below in the various categories:

**Pedestrian Improvements:**

- Central Boulevard and Colonial Drive streetscape
- Orange Avenue Streetscape / Narrowing
- Magnolia Avenue Streetscape/Narrowing
- I-4 and East-West Expressway Underpass improvements
- Other pedestrian improvements

**Open Space/Beautification:**

- Anderson, Lake Olive and Park Lake Street Parks
- Park Improvements at Orlando Utilities Commission (OUC)/Lake Highland Site
- Central Boulevard Park
- Other Open space and beautification improvements

**Transportation:**

- Division Avenue Streetscape/Realignment
- Transit Circulators
- Light Rail transit
- Additional Public Parking
- Other transit and road improvements

**Housing:**

- Housing Incentives
- Other housing projects and programs

**Economic Development:**

- Charter Schools
- Orlando Venues Improvements and Redevelopment
- Retail and Hospitality Incentives
- Facade Grants
- Other economic development projects and programs

**Cultural/Other:**

- Cultural Corridor and Arts District Support
- Florida Center for the Arts and education
- Regional History Center
- Cultural Arts and Programs Support
- Other Cultural projects and programs

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**DOWNTOWN OUTLOOK 2007 PLAN AMENDMENT**

On June 18, 2007 the Agency approved an amendment to the 2000 Outlook Plan. The amendment includes an expansion of the Agency's boundaries to include a portion the Citrus Bowl property. The plan amendment also provides guidance for the Agency for the three venues; the Citrus Bowl redevelopment, the new Performing Arts Center, and the new Events Center. The amended plan will be effective for 30 years from the date of adoption of the amendment.

Construction of the first stage of the Performing Arts Center is complete. The PAC is a unique, world-class destination that will showcase the region's performance groups, including the Orlando Philharmonic, Orlando Ballet, Orlando Opera, and Festival of Orchestras. Demolition of existing buildings and some site preparation was completed in 2010, vertical development began in 2011, completion of stage one occurred in Fall of 2014. Construction on the Events Center commenced in July 2008 and the grand opening was held on October 1, 2010. The Citrus Bowl is nearing completion of more than \$200 million in improvements. Phase One Improvements to the Citrus Bowl were completed in 2011 at a cost of approximately \$11 million and included cosmetic repairs, field turf installation, skybox and press box HVAC replacement, and relocated restrooms/concessions. Phase two was completed in 2015. The project included approximately \$200 million in additional improvements, including new accessible seating and club space, new locker rooms, cosmetic repairs existing press and suite-level renovation, vertical circulation, as well as technology and infrastructure improvements.

**DOWNTOWN OUTLOOK 2010 PLAN AMENDMENT**

The Downtown Outlook is designed to provide flexibility to adapt to changing market forces. Since the adoption of the Downtown Outlook Parts I and II in 2000 and 2007, respectively, there has been continued market transformation. Many strategic plans have been crafted to further guide Downtown's growth including the following:

- Mayor's Parramore Task Force
- Downtown Strategic Transition Plan
- Downtown Orlando Transportation Plan
- Mayor's Working Committee on Homelessness
- Downtown Retail & Entertainment Study
- Parramore Town Center Strategic Vision

On February 22, 2010, the City Council, by resolution, adopted an amendment to the redevelopment plan for the Downtown District. Subsequently, on March 8, 2010, the City Council, by ordinance, amended previously adopted ordinances for the creation of the Community Redevelopment Trust Fund for the Downtown District in order to provide for the expenditure of Tax Increment Revenues to fund projects within the the February 22, 2010 redevelopment plan amendment.

The 2010 Plan Amendment added the Downtown Outlook Part III to advance priorities that continue to promote the area as a vibrant neighborhood, destination, and center of commerce. Of note, key initiatives outlined in the 2010 Plan Amendment include retail development, tourism strategies, and sustainability. Additionally, initiatives are underway to diversify the Downtown community by redeveloping the former Amway Arena location into the Creative Village. Downtown Orlando's Creative Village will thoroughly mix living and work spaces. It will be designed to attract technology companies of tomorrow, create spin-off and start-up companies, create a business-friendly environment in which digital media can thrive, attract knowledge-based workers, offer diverse cultures and lifestyles, enhance the lifestyle of creative people, and offer vibrant street life and urban amenities.

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**DOWNTOWN OUTLOOK 2015 PLAN AMENDMENT**

In 2014-2015, the Community Redevelopment Agency initiated a visioning process to imagine the next 10 years of Downtown's evolution and growth. The results of this process are borne out of extensive public engagement and stakeholder involvement, highlighting that the plans are for the people of Orlando, from the people of Orlando.

The DTO Vision Plan focuses on ten Vision Themes that emerged from the work of a 97-member volunteer Task Force and Executive Advisory Committee. These Vision Themes were identified as key opportunities to keep Downtown's momentum going and position Orlando positively for the future, including:

1. An awesome outdoor City
2. Highly-connected neighborhoods and districts
3. The best education in Florida
4. A great place for business
5. A creator culture
6. An iconic visual identity
7. Stellar music, arts, sports and entertainment
8. A community that takes care of its own
9. Celebrate our diverse culture and heritage
10. A City built for the future

The 2015 Update to the Redevelopment plan (the DTOutlook), focuses on two entertainment corridors, seven planning districts, eight subject matter areas and four overarching pillars. The "Cultural Corridor" to promote arts and culture in Downtown was a key feature of the prior Plans and in the 2015 Plan, a second key corridor, a Sports and Entertainment Corridor, connecting the Orlando Citrus Bowl to the Dr. Phillips Performing Arts Center is also highlighted as a key opportunity.

The DTOutlook also divides the CRA into seven Planning Districts, allowing the CRA to focus improvements, programs and policy recommendations on smaller sub-areas of Downtown. The 2015 Planning Districts are: North Quarter, Lake Eola Heights, South Eola, Lake Lucerne, Central Business District, Parramore Heritage Business District, and Parramore Heritage Neighborhood. The eight subject matter focus areas are similar in nature to the various committee focus areas that comprised Project DTO. They are:

- Transportation, Access and Connectivity
- Parks and Open Space
- Housing and Neighborhoods
- Art and Culture
- Sports and Entertainment
- Retail and Services
- Education and Social Fabric
- Business Environment

There are four guiding principles or pillar themes that run throughout the Plan including Sustainability, Livability, Economic Competitiveness and Health & Wellness. The Plan also describes design framework as general guidance toward good urban design principles.

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**GROUNDWATER CONTAMINATION**

**North Downtown Orlando Site**

During 1993-1994, the Florida Department of Environmental Protection (FDEP) conducted a field study of the north Downtown Orlando area to delineate suspected groundwater contamination. The study was released in June 1994 and identified three plumes, two of which were composed of predominantly trichloroethene (TCE) and the third of tetrachloroethene (PCE). TCE was commonly used as a degreaser in the 1960-1980 era, and PCE was used as a dry cleaning solvent. Two sources for the plumes were identified in the report. Further actions to protect Lake Concord, which is in the path of the plume, were also presented.

Extensive negotiations between the FDEP, the City and Sentinel Communications Company were held during 1994-95 with the intent of developing a long-term cleanup program. While the City had no responsibility for any of the plumes, the City concluded that it could act as a facilitator to bring the parties together with the ultimate goal of a rapid implementation of a cleanup program.

Three agreements have been entered into related to the implementation of the cleanup program. The three agreements are as follows:

- a. Consent Decree entered by a local Circuit Court between the State of Florida Department of Environmental Protection and Sentinel Communications Company.
- b. Memorandum of Understanding between the FDEP and the City of Orlando.
- c. Agreement between the City of Orlando and Sentinel Communications Company.

The City, as a result of the Agreement and the Memorandum of Understanding, voluntarily agreed to take on the financial responsibility for the cleanup of Plume "C" (the PCE plume). While the City did not cause the contamination, the City concluded that it was in its best interest to provide for the cleanup since the alleged responsible party for this plume was no longer in business. The property from which Plume "C" originated was sold and the City no longer owns the property. In accordance with state rules, the property owner is responsible for site remediation. As such, the City will discontinue its financial participation in the remediation but will maintain its involvement in the project to monitor the progress of the cleanup effort.

Approximately 20% of the overall capital and operating clean up costs for the three plume remediation system were borne by the City with FDEP's share being a similar 20% for the costs of Plume "B" (the TCE plume) for which no responsible party was found. The City is acting as the FDEP's contractor under the Memorandum of Understanding for the state's involvement with Plume "B." The Sentinel's share of the project cost is approximately 60% for Plume "A." Total capital costs for the design and construction of the cleanup system were approximately \$1,200,000. The cleanup system has been in operation since 1996 and has removed significant quantities of TCE from the groundwater. While progress is encouraging, it is anticipated that the system will need to continue operating for a number of years before appropriate cleanup of the TCE contamination can be accomplished.

The effects of these plumes are minimal at this stage, with the majority of the contamination being thirty feet below the ground surface. A consultant for the FDEP analyzed the draft report and opined that the danger to Lake Concord was insignificant because the mixing of the lake and the volume of water present dilutes the contaminants as they enter the lake. There were some concerns that the contaminants could enter the Upper Floridan aquifer; however, on-going monitoring of deep wells installed by FDEP continues to show no effect on the Floridan aquifer. In part, the cleanup described above has allowed for development of at least six substantial projects: the 204 room Marriott Courtyard Hotel, the 304 unit Echelon at Cheney Place, the 244 unit Echelon Uptown apartment complex, the 326 unit Steel House apartments complex, the 246 unit NORA apartment complex, and the 325 unit The Sevens apartment complex. These projects total more than \$120 million in private investment.

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The City of Orlando has met its obligation for this project and is no longer an active participant in the cleanup of the North Downtown Orlando Site project.

**Former Spellman Engineering Site**

In February 1997, the FDEP released a report on TCE contamination of the groundwater north of Lake Highland, which is located in the northernmost section of the downtown Community Redevelopment Area. The Orlando Utilities Commission (OUC) originally discovered this contamination during a petroleum tank closeout study in 1993 on property which served as a maintenance facility for OUC. The FDEP's consultant determined that the likely source of the TCE contamination was from land previously owned by a local engineering firm known as Spellman Engineering, which is located east of Ferris Avenue on the south side of Brookhaven Drive.

The FDEP referred this site, in late 1997, to the U.S. Environmental Protection Agency (EPA) in Atlanta for possible inclusion on the National Priorities List (often commonly referred to as the Superfund List). The City was concerned that resorting to the National Priorities List could indefinitely delay the remediation of the contamination and result in significant diminution of surrounding property values. City and OUC officials met with FDEP officials to determine whether there might be alternative solutions that could be pursued, short of referring the matter for action to EPA. FDEP indicated their support for a local initiative that would lead to a voluntary cleanup program. Following these discussions, the City and FDEP met with the EPA Regional Administrator in Atlanta in September 1998 to explore opportunities for the City to take on a portion of the project on a voluntary basis. The City believed that it would be in its best interests to work with EPA to avoid the stigma that would likely result from this area of the City being named as a "Superfund" site. The EPA Regional Administrator pledged to work with the City to bring such a voluntary action to fruition.

Negotiations were commenced between the City and EPA for the City to conduct the Remedial Investigation/Feasibility Study (RI/FS) phase of the work. In the fall of 2000, an agreement was reached between all parties for the funding and administration of the RI/FS by the City and OUC. The agreements were executed in early February 2001.

The fieldwork phase of the RI/FS commenced in May of 2001 after public meetings were held in the area. OUC retained Professional Service Industries (PSI) to conduct the fieldwork and prepare a report of their findings. The RI/FS study cost approximately \$900,000 which was split equally between the City and OUC. The study was originally scheduled to take about 21 months to complete but with the need for some additional fieldwork, this schedule was extended by four months. The final Remedial Investigation (RI) report and the final Baseline Risk Assessment were submitted to EPA in April 2004. The final Feasibility Study (FS) report was submitted to EPA in August 2004. The results of the RI confirmed that the TCE groundwater contamination plume has migrated from the source area (the former Spellman Engineering property) over approximately 40 acres toward Lake Highland in the south, to near Lake Ivanhoe in the west and towards Lake Formosa in the north. The contamination has migrated vertically and extends approximately 25 to 115 feet below ground surface but has not reached the upper Floridan aquifer. The Baseline Risk Assessment concluded that no potentially unacceptable risk was identified for soil, sediment or surface water impacted by the site contaminants. The FS report presented several different cleanup alternatives for each of three different contaminant zones.

The EPA conducted a formal RI/FS process, which included public notification, a public hearing, and finalization of a Record of Decision (ROD). The EPA issued their ROD in September 2004. The selected cleanup remedy presented in the ROD consists of three project phases. The proposed cleanup presented in the ROD was expected to cost approximately \$7,000,000 and could be completed over a period of 15 to 20 years. The EPA selected a contractor to perform the design of the remediation effort. The City and OUC are not required to participate in or fund any further work beyond the RI/FS, including any remediation effort. However, the City and OUC negotiated a plan with EPA that would fund the selected remediation effort without resorting to the Superfund process.

The initial plan sought to sell the City-owned property in the area to a qualified developer with the condition that the developer assume liability for the environmental remediation effort and develop the property in accordance with existing entitlements. In 2007, the neighboring Lake Highland Preparatory School (LHPS) offered to purchase the City property and OUC maintenance facility, assume the liability for the remediation effort and effectuate the cleanup of the site. (In an unrelated transaction, LHPS had a contractual option to purchase a portion

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of the City owned property in the area.) LHPS, in conjunction with a development partner and an environmental consulting firm (ARCADIS) developed a Guaranteed Remediation Program (GRiP) which offered a guaranteed remediation solution for the cleanup of the TCE plume. The cleanup price guaranteed by the GRiP was approximately \$12.2 million.

In 2008, LHPS withdrew from its effort to purchase the entire former City property and OUC maintenance facility and approached the City with a proposal to purchase a portion of the City property to offset the cleanup cost of a City-funded remediation effort. To avoid further cleanup delays and to prevent the site from being placed on the EPA's National Priority List, the City negotiated an agreement with EPA to complete the remediation effort, and initiated contract negotiations with ARCADIS to perform the cleanup under the same GRiP presented to LHPS. The City also negotiated an agreement with LHPS to purchase a portion of the City property and an agreement with FDEP for Brownfield tax credits which would both be used to pay for a portion of the cleanup costs. The remainder of the cleanup costs are planned to be offset by the future sale of other City properties in the area. If the City is successful, the site will not be placed on EPA's National Priority List where such a listing could have negative impacts on property values in the immediate area, and the cleanup effort will be significantly accelerated.

ARCADIS is currently installing the various components of the three remediation systems. As of February 2012 two of the three systems are installed and operating.

**Orlando Coal Gasification Plant**

Located in the 600 block of West Robinson Street, which is in the west central portion of the CRA, the Orlando Coal Gasification plant manufactured coal gas from 1887 to 1960, at which time the plant and appurtenances were demolished. At no time in its history was the plant owned or operated by the City of Orlando. Various studies of the potential soil and groundwater contamination emanating from this facility have been conducted over the past fifteen years. In 1988-1989, the United States Geological Survey conducted a water quality monitoring study of the Upper Floridan aquifer, which serves as a drinking water source for some utilities in the Central Florida region. This aquifer is about 200 feet below ground surface. The OUC, which provides drinking water to the City of Orlando, has, as its water source, the Lower Floridan aquifer which is approximately 1,200 feet below ground surface. This study showed some evidence of contamination in the Upper Floridan aquifer that could have resulted from the disposal of by-products from the coal gasification manufacturing process.

EPA, Region IV, commissioned two groundwater studies, one in 1990, and the other in 1996. Based on that work, EPA placed this site on a low priority list for further investigation in 1996. No investigation of the Upper Floridan water quality was conducted during those two studies.

More recently, in 2002, under an order from the EPA, a consortium of present and former landowners of the coal gasification site conducted an Expanded Site Investigation (ESI) study of the soil and groundwater on and adjacent to the coal gasification site. This study focused on the condition of both the groundwater and the waters of the Upper Floridan aquifer. Fieldwork was completed in the summer of 2002, with the subsequent report on the findings showing certain areas where coal tar contamination had entered into the upper reaches of the Upper Floridan aquifer. The conclusion of the 2002 ESI study was that this contamination appeared to have entered the aquifer through a direct conduit such as a drainage well(s), as discharge or condensate disposal pipes from the plant were connected (presumably by the plant operators) directly to a drainage well (now known as drainage well #62). As a result of this ESI study, EPA required the consortium to enter into an agreement to conduct a full Remedial Investigation/Feasibility Study (RI/FS).

Due to the fact that the City of Orlando currently maintains Drainage Well #62 on West Robinson Street several hundred feet to the east of the site and the fact that this drainage well may have been a conduit for contamination to reach the Upper Floridan aquifer, the consortium approached the City to become an active participant in the conduct of the environmental work as a Potentially Responsible Party (PRP). While it has not been conclusively proven that the contamination entered the Upper Floridan aquifer through Drainage Well #62, it cannot be definitively shown that it did not. There were also discussions between EPA staff and City staff regarding the desirability of the City becoming involved in the program as a PRP, in addition to the City's past role as a facilitator and provider of access for study purposes.

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To that end, staff negotiated a participation level of three percent (3%) for the City to pay for environmental assessment work done as of that date and additional investigatory work (RI/FS) that continues at the site. The City's cost at this level of participation is estimated to be \$84,000. The work to be accomplished will be under the EPA's RI/FS guidelines similar to the work that the City and OUC had completed for the former Spellman Engineering site. Any future remediation costs (unknown at this time) may also become an obligation of the City at a yet to be determined level. City representatives have been members of the steering committee for the consortium. This committee has provided oversight of the RI/FS process as it progresses.

To memorialize the City's participation in this program, there are five separate agreements which were approved by City Council and executed by the Mayor on November 10, 2003. The principal agreement is the RI/FS Administrative Order on Consent between the City, the EPA, Florida Power Corporation (now Progress Energy Florida), Peoples Gas System, and Atlanta Gas Light. This document binds the City to the program as a PRP.

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**CRA REPUBLIC DRIVE (UNIVERSAL BOULEVARD) DISTRICT**

**INTRODUCTION**

As part of the ongoing comprehensive planning process, the City's transportation system is analyzed and reviewed to facilitate the management and implementation of growth in the City. The City identified traffic capacity deficiencies while engaged in this planning process in the transportation/roadway system servicing the area bounded by Kirkman Road on the east, Orlando-Vineland Road on the north, Turkey Lake Road on the west, and both Sand Lake Road and Interstate 4 on the south. This area has experienced considerable growth, in large part due to the development of the entertainment and film production facilities commonly known as Universal Studios Florida.

On February 7, 1994, the City Council found the existence of a blighted area within the southeast section of the City designated as the Interstate 4/Republic Drive Interchange Community Redevelopment Area. After a public meeting and public hearing in accordance with the requirements of the Redevelopment Act, the City Council adopted a resolution on June 5, 1995, approving a redevelopment plan (the "Interstate 4/Republic Drive Interchange Area Redevelopment Plan") which provided for the acquisition and construction of the Project within the Interstate 4/Republic Drive Interchange Community Redevelopment Area. The Interstate 4/Republic Drive Interchange Community Redevelopment Area consists of approximately 780 acres.

The Redevelopment Act provides that upon creation of a community redevelopment agency, a municipality shall establish on behalf of the community redevelopment agency, a community redevelopment trust fund. With respect to the Interstate 4/Republic Drive Interchange Community Redevelopment Area, the City established the Interstate 4/Republic Drive Redevelopment Trust Fund by an ordinance enacted June 19, 1995 (the "1995 Ordinance"), pursuant to Section 163.387, Florida Statutes. "Taxing Authorities," as defined in the Redevelopment Act, which levy ad valorem taxes on real property subject to taxation located within the Interstate 4/Republic Drive Interchange Community Redevelopment Area are required by January 1 of each year to deposit into the Interstate 4/Republic Drive Redevelopment Trust Fund an amount as described herein under the caption "INCREMENT REVENUES." The taxing authorities which are required to make annual deposits to the Interstate 4/Republic Drive Redevelopment Trust Fund and are currently doing so are the City and Orange County.

In addition to the original Universal Studios theme park, a second theme park, two garages, a people mover system and a night time entertainment area have been developed by the Universal Partnerships (as defined below) within the Interstate 4/Republic Drive Community Redevelopment Area. There are currently three hotels within the Interstate 4/Republic Drive Community Redevelopment Area. All of the facilities described above, including the original Universal Studios Florida theme park, are within the Interstate 4/Republic Drive Community Redevelopment Area. As a result of the development of such facilities, the Agency expects continued growth in the Interstate 4/Republic Drive Community Redevelopment Area. A portion of the land within the Redevelopment Area has been rezoned to permit a mixed use development of single family residences, condominiums, and apartments, but the majority of the taxable real property within the Interstate 4/Republic Drive Interchange Community Redevelopment Area is related to the entertainment and tourism industry. After the formation of the Interstate 4/Republic Drive Interchange Community Redevelopment Area and the issuance of the Series 1997A Bonds, Republic Drive was renamed Universal Boulevard.

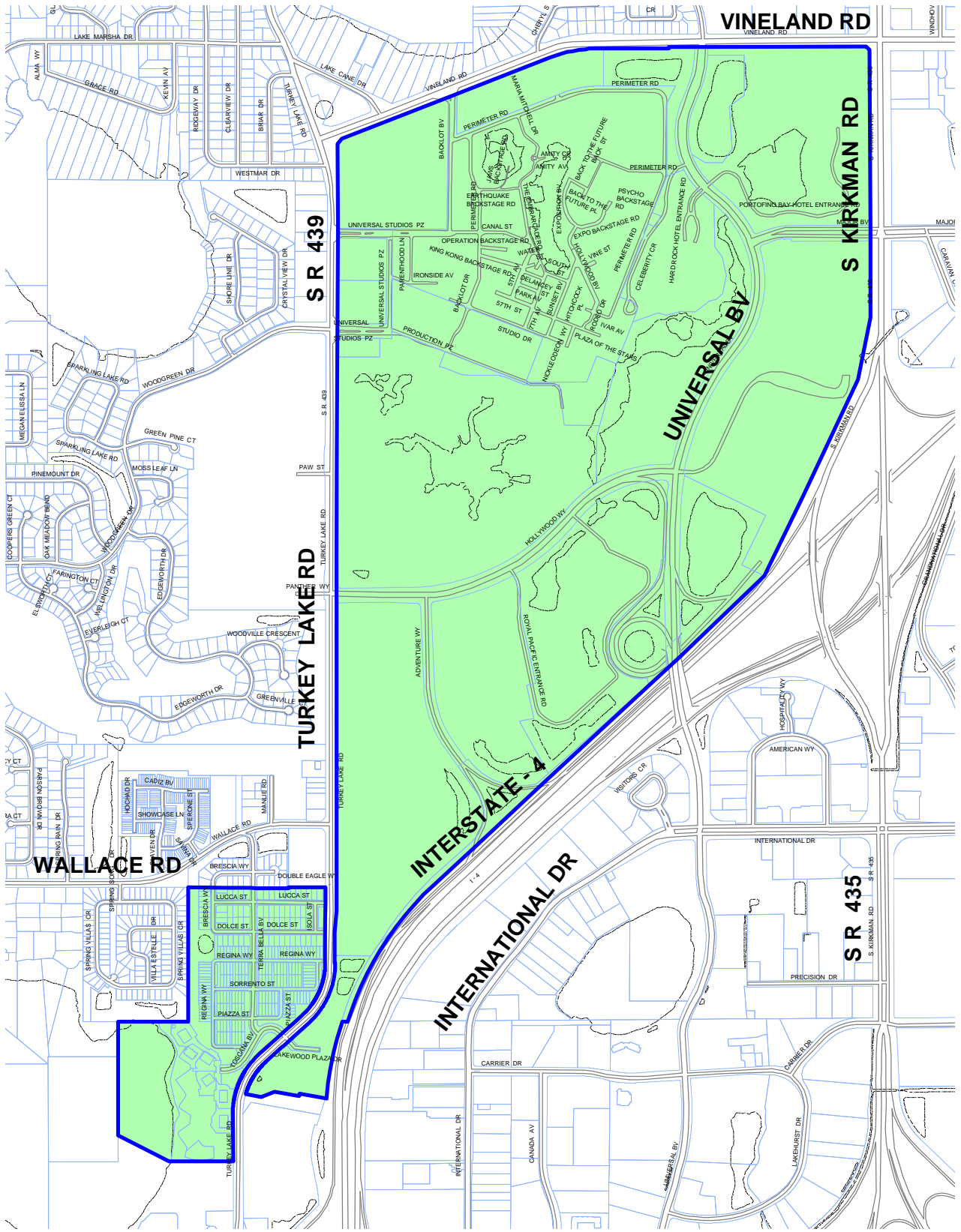


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The public infrastructure improvements financed within the Interstate 4/Republic Drive Interchange Community Redevelopment Area with the proceeds of the Series 1997A Bonds involved the following six general components:

- |                   |    |  |
|-------------------|----|--|
| <i>Bridge:</i>    | 1) | To northbound: a three-lane overpass roadway.          |
|                   | 2) | To southbound: a three-lane overpass roadway.          |
| <i>On-ramps:</i>  | 3) | To eastbound Interstate 4: a direct access on-ramp.    |
|                   | 4) | To westbound Interstate 4: a direct access on-ramp.    |
| <i>Off-ramps:</i> | 5) | From eastbound Interstate 4: a direct access off-ramp. |
|                   | 6) | From westbound Interstate 4: a direct access off-ramp. |

Construction of the Project began in August of 1996 and was substantially complete by September 1999 with minor modifications to the interchange completed in January 2000. The construction of the Project ensured that public transportation facilities needed to support the traffic created by development within the Interstate 4/Republic Drive Community Redevelopment Area would be available concurrent with the impact of the development in that area.



# I-4 / Republic CRA

 Community Redevelopment Area



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The following table shows the properties that comprise the I-4/Republic Drive Interchange Community Redevelopment Area.

**USE OF TAXABLE PROPERTIES WITHIN THE  
I-4/REPUBLIC DRIVE (UNIVERSAL BLVD.)  
COMMUNITY REDEVELOPMENT AREA**

<u>Property Description</u>	<u>Number of Acres</u>	<u>2015 Total Taxable Value (in Millions)</u>
<b>Theme Parks:</b>		
Universal Studios Theme Park	108.43	\$ 258.0
Islands of Adventure Theme Park	101.60	183.6
City Walk (Shopping/Entertainment)	35.12	87.7
Sub Total - Theme Parks		529.3
<b>Hotels:</b>		
Portofino Bay Hotel	51.77	103.2
Royal Pacific Resort	52.99	136.5
Hard Rock Hotel	32.79	85.4
Cabana Bay Beach Resort	39.41	216.1
Sapphire Falls Resort (Future Site)	20.25	10.4
Sub Total - Hotels		551.6
Parking Garages and People Mover	69.09	159.9
Hard Rock Live/Café	6.69	38.8
Studios and Production Lots	15.28	20.8
Loews Hotel Services/Creative Activities	12.67	12.5
Administrative Offices	4.22	11.4
Employee Parking Lots	36.87	38.5
Vacant - Commercial	44.09	14.3
Other parcels/uses	67.02	59.6
Residential/Homestead Property/Other	81.59	188.9
<b>Totals</b>	<b>779.88</b>	<b>\$ 1,625.6</b>

Source: Orange County Property Appraiser and Orange County Official Records.

**OUTSTANDING INDEBTEDNESS**

As of September 30, 2015, the Republic Drive District had two outstanding bond issuances that are described below.

The Tax Increment Revenue Refunding Bonds, Series 2012, were issued as a current refunding of the outstanding Tax Increment Revenue Refunding Bonds, Series 2002, to achieve debt service savings. The Tax Increment Revenue Refunding Bonds, Series 2002, were issued as a current refunding of the outstanding Special Assessment Revenue Bonds, Series 1997A. The Series 2012 Bonds maturing after April 1, 2022, may, at the option of the Agency be called for redemption as a whole or in part at any time, on or after April 1, 2022 (less than all Series 2012 Bonds to be selected by lot), at the redemption price of par plus accrued interest from the most recent Interest Payment Date to the redemption date. The Series 2012 Bonds are subject to Extraordinary Mandatory Redemption prior to maturity, in whole on any date, at the Redemption Price of 100% of the principal amount

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thereof, without premium, together with accrued interest to the date of redemption, if and to the extent that on the date on which the amount on deposit in the Reserve Account, together with other moneys available therefore, are sufficient to pay and redeem all of the Series 2012 Bonds then Outstanding, including accrued interest thereon. The 2002 refunding was a variable rate debt to fixed rate debt transaction, and also replaced special assessments as the source of revenue and security with tax increment revenues.

The Tax Increment Revenue Bond, Series 2013 Bond was issued in the amount of \$9,000,000 to finance certain public improvements within the Republic Drive/Universal Boulevard District, including a pedestrian bridge and stormwater improvements. The Series 2013 Bond was privately placed with Regions Capital Advantage, Inc., at a rate of 2.17% with no prepayment penalty. It is a limited obligation of the Agency payable from and secured solely by a lien upon and pledge of the Pledged Revenues which include Increment Revenues appropriated by taxing authorities within the Redevelopment Area and actually received by the Agency, along with other legally available moneys, as and when deposited in certain accounts held under the Indenture and investment earnings in such accounts. The Series 2013 Bond was issued on parity with the Agency's outstanding Series 2012 Bonds.

The table below provides the debt service schedule for the Series 2012 and 2013 Bonds and the estimated debt service coverage based upon historic revenues.

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**ESTIMATED DEBT SERVICE SCHEDULE AND COVERAGE  
BASED ON HISTORIC REVENUES**

<b>Fiscal Year Ending Sept. 30</b>	<b>2012 Bond Principal (1)</b>	<b>2012 Bond Interest</b>	<b>2013 Bond Principal (1)</b>	<b>2013 Bond Interest</b>	<b>Total Debt Service</b>	<b>Increment Revenues (2)</b>	<b>Estimated Total Debt Service Coverage</b>
2015	\$ 1,885,000	\$ 1,122,450	\$ 683,053	\$ 181,938	\$ 3,872,441	\$ 9,152,762	2.36
2016	1,980,000	1,028,200	697,876	167,116	3,873,192	13,701,916	3.54
2017	2,060,000	949,000	713,019	151,972	3,873,991	13,701,916	3.54
2018	2,160,000	846,000	728,492	136,500	3,870,992	13,701,916	3.54
2019	2,225,000	781,200	744,300	120,691	3,871,191	13,701,916	3.54
2020	2,315,000	692,200	760,452	104,540	3,872,192	13,701,916	3.54
2021	2,385,000	622,750	776,953	88,038	3,872,741	13,701,916	3.54
2022	2,505,000	503,500	793,813	71,178	3,873,491	13,701,916	3.54
2023	2,630,000	378,250	811,039	53,953	3,873,242	13,701,916	3.54
2024	2,760,000	246,750	828,639	36,353	3,871,742	13,701,916	3.54
2025	2,900,000	108,750	846,620	18,372	3,873,742	13,701,916	3.54
<b>TOTALS</b>	<b>\$ 25,805,000</b>	<b>\$ 7,279,050</b>	<b>\$ 8,384,256</b>	<b>\$ 1,130,652</b>	<b>\$ 42,598,958</b>	<b>\$ 146,171,922</b>	

(1) Matures April 1st

(2) Assumes that Increment Revenues collected in the Fiscal Year ending September 30, 2016, will remain constant through September 30, 2025, exclusive of interest earnings.

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**PERTINENT AGREEMENTS**

**The Cooperation Agreement**

In connection with the issuance of the Series 1997A Bonds, a Cooperation Agreement dated as of August 26, 1997 (the “1997 Cooperation Agreement”), was executed by the City, the Agency, and Universal City Florida Partners and Universal City Development Partners (the “Universal Partnerships”), general partnerships which were at such time owned indirectly by Universal Studios, Inc. and Rank Leisure Holdings P.L.C.

Under the terms of the 1997 Cooperation Agreement, certain “Benchmarks” (as defined therein) encouraged and promoted the Universal Partnerships’ plan to develop their properties within the Interstate 4/Republic Drive Interchange Community Redevelopment Area on a timely basis. The resulting increase in property values from such development would in turn create an increase in tax revenues as contemplated in the Interstate 4/Republic Drive Community Redevelopment Plan.

In connection with the issuance of the Series 2002 Bonds, the Agency, the City and Universal City Development Partners, Ltd., successor in interest to the Universal Partnerships (the “Partnership”), entered into the Refunding Cooperation Agreement dated as of August 12, 2002 (the “2002 Cooperation Agreement”), pursuant to which the parties acknowledged that, as of the date of issuance of the Series 2002 Bonds, the 1997 Cooperation Agreement was terminated. Under the 2002 Cooperation Agreement, the Agency and City further acknowledge the Partnership’s compliance through the date of issuance of the Series 2002 Bonds with the Benchmarks. The Partnership further acknowledged that at the time of issuance of the Series 2002 Bonds the Agency was under no obligation to refund the Series 1997A Bonds and the City was under no obligation to discharge the special assessment related to the Series 1997A Bonds or record a satisfaction of lien with respect thereto. By doing so before required to under the terms and conditions of the Interlocal Agreement (as defined below) and the 1997 Cooperation Agreement, the Partnership acknowledged in the 2002 Cooperation Agreement that the Agency and the City conferred a benefit upon the Partnership in consideration for which the Partnership agreed to contribute \$1,667,678 to the Agency for deposit to the 2002 Supplemental Reserve Subaccount to be held under the terms of the Indenture until such time as the 2002 Supplemental Reserve Requirement equals zero or the Series 2002 Bonds are no longer Outstanding, after which time the balance remaining in the 2002 Supplemental Reserve Subaccount will be returned to the Partnership. On any date after January 1, 2006, the 2002 Supplemental Reserve Requirement will be reduced to zero upon delivery by the Agency to the Trustee of a written certificate of the Chief Financial Officer of the City stating that the Increment Revenues deposited into the Interstate 4/Republic Drive Redevelopment Trust Fund in the then-current Fiscal Year and each of the immediately preceding two Fiscal Years have equaled or exceeded 200% of the Maximum Annual Debt Service on all Outstanding Bonds. On January 11, 2006 the supplemental reserve was returned to the partnership.

The City, the Agency, and Universal City Development Partners entered into a 2013 Cooperation Agreement with the issuance of the Series 2013 Bond. That agreement lays out the parameters of the pedestrian bridge and storm water improvements as well as the roles of each participating party in overseeing construction, completion and maintenance of said improvements.

**The Interlocal Agreement**

**General.** The City and the County entered into an Interlocal Agreement dated as of April 2, 1996 (as amended from time to time, the “Interlocal Agreement”), which among other things, provides for the disposition of Increment Revenues generated within the Redevelopment Area. It was amended in 2002, late 2011 and again in 2013 with each refunding and new issuance. The Interlocal Agreement also provides that the existence of the Redevelopment Area will automatically terminate and the Increment Revenues cease being appropriated and paid by the County upon the earlier to occur of (i) the payment or defeasance of all obligations authorized to pay the costs of the Improvements (or to refinance such costs) and (ii) January 1, 2026. As part of the proceedings validating the Series 1997A Bonds, the Court validated and confirmed the Interlocal Agreement and found it to constitute a valid, binding and enforceable agreement. See “VALIDATION” herein.

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The Interlocal Agreement limits the use of the Increment Revenues to the payment of (i) the principal of, and interest and redemption premium, if any, on obligations issued to provide funds for allowable capital costs of the Improvements and (ii) certain costs incidental to variable rate obligations. Any surplus Increment Revenues are required to be distributed to the respective taxing authorities (the County or the City) within 30 days of receipt of payments from such taxing authority of the Increment Revenues in amounts that are proportionate to the amount the taxing authority's payment bears to the total amount paid into the Redevelopment Trust Fund by all taxing authorities for that year, in accordance with the calculations set forth in the Interlocal Agreement.

In the event the Agency seeks to issue Additional Bonds pursuant to the terms and provisions of the amendments contained in the Proposed Second Supplemental Indenture of Trust, the Interlocal Agreement will have to be amended or replaced to enable the Agency to include additional capital improvements within the definition of "Improvements" and for the Agency to pledge Increment Revenues to Additional Bonds issued to finance any such additional capital improvements.

**County Prepayment.** Under the terms of the Interlocal Agreement, the County has the right to legally defease or refund any Increment Obligations, including the Series 2012 and 2013 Bonds, in a principal amount equal to the County Share (as a percentage) of the aggregate principal amount then outstanding. The "County Share" is the approximate equivalent of the ratio of the ad valorem tax millage levied by the County to the aggregate ad valorem tax millage levied by the County and the City. Currently, the County Share stated as a percentage is approximately 44%. The following conditions must first be met before the County can exercise its option to legally defease and refund any of the Increment Obligations comprising the County Share (which includes any of the Series 2012 and 2013 Bonds):

- (A) The Adjusted Increment Revenues (as defined below) for the two consecutive Fiscal Years immediately preceding such defeasance or refunding is at least equal to 125% of the Adjusted Debt Service Requirement (as defined below) for each such Fiscal Year; and
- (B) The County has provided the City with an opinion of nationally recognized bond counsel that such defeasance or refunding of the County Share of the aggregate principal amount of all Increment Obligations then outstanding would (a) not cause the interest on the Increment Obligations to be includable in gross income for federal income tax purposes, and (b) not be deemed a refunding or a reissuance for federal income tax purposes, of the Increment Obligations that remain Outstanding or that have not been defeased.

In the event the County were to exercise its option to legally defease or refund any of the Series 2012 or 2013 Bonds comprising the County Share of Increment Obligations, all or a portion of such Series 2012 or 2013 Bonds to be defeased or refunded may either be (i) called for optional redemption or (ii) defeased by the deposit of sufficient moneys or Governmental Securities in a separate escrow fund in the manner required under the Indenture.

For purposes of the above, the term "Adjusted Increment Revenues" in any Fiscal Year means the aggregate Increment Revenues for such Fiscal Year that were deposited into the Redevelopment Trust Fund, reduced by the aggregate Increment Revenues in such Fiscal Year that would not have been deposited into the Redevelopment Trust Fund had such defeasance or refunding occurred immediately prior to the commencement of such Fiscal Year. The term "Adjusted Debt Service Requirement" in any Fiscal Year means the require principal and interest payments to be made for the Increment Obligations for such Fiscal Year, reduced by the debt service attributable to those Increment Obligations that are to be partially defeased or refunded pursuant to the foregoing, had such defeasance or refunding occurred immediately prior to the commencement of such Fiscal Year.

**INCREMENT REVENUES**

The Series 2012 and 2013 Bonds are secured in part by the pledge of Increment Revenues deposited into the Interstate 4/Republic Drive Redevelopment Trust Fund established by the 1995 Ordinance. Increment Revenues are defined in the Indenture and the Interlocal Agreement as "increment revenues" (as the term is defined in Section 163.340(22) of the Redevelopment Act) appropriated and paid each Fiscal Year by each "taxing authority" (as that term is defined in the Redevelopment Act) within the Redevelopment Area for deposit into the Redevelopment Trust

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Fund, pursuant Section 163.387 of the Redevelopment Act. Increment Revenues also includes payments treated as Increment Revenues pursuant to the Indenture, but excludes “increment revenue” associated with any of the City’s other community redevelopment areas. Increment Revenues are deposited in the Redevelopment Trust Fund created under and pursuant to the Redevelopment Trust Fund Ordinance. Under the terms of the Interlocal Agreement, the Increment Revenues may only be used to pay debt service on and associated costs for Increment Obligations issued to finance the Improvements comprising the Redevelopment Plan. The Interlocal Agreement further provides that Increment Revenues may not be used to fund the operating and personnel expenses of the Agency.

**Sources of Increment Revenues**

Required payments by the taxing authorities to the Interstate 4/Republic Drive Redevelopment Trust Fund are based on the assessed valuation of taxable real property as of the previous January 1. Pursuant to the Redevelopment Act and the 1995 Ordinance (as defined herein), on or before each January 1, each such taxing authority levying taxes in the Interstate 4/Republic Drive Interchange Community Redevelopment Area must appropriate and pay to the Interstate 4/Republic Drive Redevelopment Trust Fund an amount equal to 95% of the difference between:

- (a) The amount of ad valorem taxes levied each year by that taxing authority, exclusive of any amount from any debt service millage, on taxable real property contained within the geographic boundaries of the Interstate 4/Republic Drive Interchange Community Redevelopment Area; and
- (b) The amount of ad valorem taxes which would have been produced by the then current millage rate of that taxing authority, exclusive of any debt service millage, had it been applied to the assessed valuation of the taxable real property in the Interstate 4/Republic Drive Interchange Community Redevelopment Area as of January 1, 1994.

Current and future tax increment revenue accruing within the Interstate 4/Republic Drive Interchange Community Redevelopment Area is predicated upon increases in assessed real property valuations in excess of taxable values recognized for a specific base year. Taxable values within the Interstate 4/Republic Drive Interchange Community Redevelopment Area for the base year of 1994 were \$324,462,644. The following table summarizes the historical gross taxable values for the Interstate 4/Republic Drive Interchange Community Redevelopment Area as of January 1 of the years 2006 through 2015, and the increase or decrease in assessed value for each year.

<u>Measuring Calendar Year (as of January 1)</u>	<u>Fiscal Year Ended September 30</u>	<u>Total Assessed Taxable Values</u>	<u>Increase/(Decrease) in Assessed Value Over Prior Year</u>	<u>Incremental Value</u>
2006	2007	\$ 1,098,203,867	\$ 91,467,842	\$ 773,741,223
2007	2008	1,255,690,721	157,486,854	931,228,077
2008	2009	1,287,130,824	31,440,103	962,668,180
2009	2010	1,170,028,762	(117,102,062)	845,566,118
2010	2011	1,085,906,776	(84,121,986)	761,444,132
2011	2012	1,166,580,520	80,673,744	842,117,876
2012	2013	1,162,705,560	(3,874,960)	838,242,916
2013	2014	1,120,613,042	(42,092,518)	796,150,398
2014	2015	1,193,632,424	73,019,382	869,169,780
2015	2016	1,625,631,694	431,999,270	1,301,169,050

The incremental increase or decrease in the assessed taxable value described above is used to measure the amount of the contribution which must be appropriated and contributed by each taxing authority which is required to make payments. The taxing authorities cannot be compelled to levy ad valorem taxes to make such payments. The statutory obligation of the taxing authorities to make the required payments to the Redevelopment Trust Fund continues for so long as the Agency has indebtedness pledging Increment Revenues to the payment thereof outstanding, but not to exceed thirty years from the date the redevelopment plan is last amended, which is 2025.



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Additionally, the obligation of the City (the governing body which established the community redevelopment agency), to annually fund the Redevelopment Trust Fund continues until all loans, advances, and indebtedness, if any, and interest thereon, of the Agency incurred as a result of redevelopment in the Redevelopment Area have been paid. The Agency has covenanted in the Indenture to diligently enforce its right to receive and dispose of the Increment Revenues and has agreed that it shall not take any action that will impair or adversely affect the Increment Revenues or the right to receive such revenues.

**Millage Rates**

The table below summarizes the millage rates levied within the Interstate 4/Republic Drive (Universal Blvd.) Interchange Community Redevelopment Area for the Fiscal Years 2007 through 2016.

**Historic Millage Rates  
(last ten years)**

<b>Fiscal Year Ended Sept. 30</b>	<b>City of Orlando</b>	<b>Orange County</b>	<b>Total</b>
2007	5.6916	5.1639	10.8555
2008	4.9307	4.4347	9.3654
2009	5.6500	4.4347	10.0847
2010	5.6500	4.4347	10.0847
2011	5.6500	4.4347	10.0847
2012	5.6500	4.4347	10.0847
2013	5.6500	4.4347	10.0847
2014	5.6500	4.4347	10.0847
2015	6.6500	4.4347	11.0847
2016 <sup>(1)</sup>	6.6500	4.4347	11.0847

(1) The City and Orange County have approved these millage rates for FY2016.

**Established Increment Revenues**

The aggregate assessed valuation of taxable real property in the Interstate 4/Republic Drive Interchange Community Redevelopment Area as of January 1, 1994, used for determining the incremental assessed valuation in future years was \$324,462,644 (the “Base Year Value”). The amount of Increment Revenues to be received in any future year is dependent on the assessed valuation of taxable real property in the Interstate 4/Republic Drive Interchange Community Redevelopment Area as of each January 1, the incremental increase in such valuation above the Base Year Value and the total millage rate levied by the relevant taxing authorities; all of which factors are completely outside the control of the Agency.

**Factors Affecting Increment Revenues**

Neither the City nor any other taxing authority levying ad valorem taxes within the Interstate 4/Republic Drive Interchange Community Redevelopment Area has covenanted or pledged to levy ad valorem taxes on taxable real property within the Interstate 4/Republic Drive Interchange Community Redevelopment Area at a level sufficient to generate Increment Revenues in any particular amount or at all. The pledge of Increment Revenues does not constitute a pledge of the ad valorem taxing power of any taxing authority, including the City or the County. The Agency has no taxing power.

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Consequently, the amount of Increment Revenues to be deposited in the Interstate 4/Republic Drive Redevelopment Trust Fund and pledged to the Series 2012 and 2013 Bonds is dependent upon, among other things, (i) the millage rates, if any, established by any taxing authority, including the City and the County and (ii) growth in the assessed valuation of taxable real property in the Interstate 4/Republic Drive Interchange Community Redevelopment Area, which increase will be affected by the annual appraisal at one hundred percent (100%) of the “just value” of taxable real property, including new construction completed, within the Interstate 4/Republic Drive Interchange Community Redevelopment Area.

**Increment Revenues  
City of Orlando Community Redevelopment Agency  
Interstate 4/Republic Drive (Universal Blvd.) Interchange**

<b>Fiscal Year Ended Sept. 30</b>	<b>Total Collections</b>	<b>Annual Rate of Growth/(Decrease)</b>	<b>Debt Service Coverage (1)</b>
2006	6,926,829	-0.6%	2.08
2007	7,654,533	10.5%	2.29
2008	8,255,798	7.9%	2.48
2009	9,128,483	10.6%	2.74
2010	8,100,819	-11.3%	2.43
2011	7,294,619	-10.0%	2.19
2012	8,067,882	10.6%	2.42
2013	8,030,758	-0.5%	2.67
2014	7,627,492	-5.0%	1.97
2015	9,152,762	20.0%	2.36
2016 (2)	13,701,916	49.7%	3.54

- (1) Debt service coverage through 2012 is calculated based on Maximum Annual Debt Service (MAD) on the Series 2002 Bonds, \$3,335,356; debt service coverage for 2013 is calculated based on the MADs for the Series 2012 Bonds, \$3,009,000; debt service coverage for 2014 and on is based on the MADs for both Series 2012 and 2013 Bonds, \$3,873,991.
- (2) Reflects tax increment revenue collected as of December 31, 2015.

**Calculation of Increment Revenues - Fiscal Year 2016**

Assessed Value	\$ 1,625,631,694
Less Base Year Taxable Value	<u>(324,462,644)</u>
Fiscal Year 2016 Increment Taxable Value	1,301,169,050
Multiplied by Fiscal Year 2016 Millage Rate	<u>11.0847</u>
Increment Revenue (1)	13,701,916
Less Adjustments to Prior Year Assessed Values	-
Total Collections	<u><u>\$ 13,701,916</u></u>

- (1) Calculated using 95% of taxable value.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY – CONROY ROAD DISTRICT**

**CRA CONROY ROAD DISTRICT**

**INTRODUCTION**

An interchange at Conroy Road and Interstate 4 was in the City’s, the County’s, the Metropolitan Planning Organization, and the Florida Department of Transportation planning agenda for over a decade unrelated to and preceding this developer initiative. In the early 1990’s, Orlando Southwest Partners (“the “Developer”) acquired the right to purchase 440 acres of property at the location of the future interchange and approached the City to annex the property if tax increment revenues could be used to finance/accelerate the construction. The City and the County agreed to the first of a series of interlocal agreements which would allow tax increment revenues from the “to be annexed” property to be used to construct the interchange. A map of the Community Redevelopment Agency - Conroy Road District is shown on page C-39.

**OUTSTANDING INDEBTEDNESS**

The initial Series 1998A Bonds were issued to finance the construction of the interchange improvements at Conroy Road and Interstate 4. Subsequently, the Series 2012 Bonds were issued to refund and redeem all of the outstanding Series 1998A debt with a significant debt service savings. The Series 2012 Bonds maturing on or after April 1, 2023, may, at the option of the Agency be called for redemption as a whole, or in part, at any time on or after April 1, 2022 (less than all Series 2012 Bonds to be selected by lot), at the redemption price of par plus accrued interest from the most recent Interest Payment Date to the redemption date. The Bonds are payable from and secured by Pledged Increment Revenues. The Special Assessments and Transportation Impact Fees that were part of pledged revenues for the 1998A Series Bonds were released with the Series 2012 Bonds. The debt service schedule for the Series 2012 Bonds is shown below.

<b>Fiscal Year Ending September 30,</b>	<b>2012 Bonds</b>		<b>Total Debt Service</b>
	<b>Principal</b>	<b>Interest</b>	
2016	\$ 1,130,000	\$ 770,850	\$ 1,900,850
2017	1,180,000	718,750	1,898,750
2018	1,245,000	658,125	1,903,125
2019	1,305,000	594,375	1,899,375
2020	1,375,000	527,375	1,902,375
2021	1,445,000	456,875	1,901,875
2022	1,520,000	382,750	1,902,750
2023	1,595,000	304,875	1,899,875
2024	1,680,000	223,000	1,903,000
2025	1,765,000	136,875	1,901,875
2026	1,855,000	46,375	1,901,375
<b>Totals</b>	<b>\$ 16,095,000</b>	<b>\$ 4,820,225</b>	<b>\$ 20,915,225</b>

**THE REDEVELOPMENT AREA**

In response to identified capacity deficiencies in the transportation/roadway system servicing the Redevelopment Area, on August 19, 1991, the City Council adopted a resolution bearing Documentary No. 15407 finding the Redevelopment Area to be "blighted" within the meaning of the Redevelopment Act. On June 21, 1993, the City Council adopted a resolution bearing Documentary No. 26664, approving the Redevelopment Plan, which provided for the design and construction of an interchange between Interstate 4 and Conroy Road (the "Improvements").

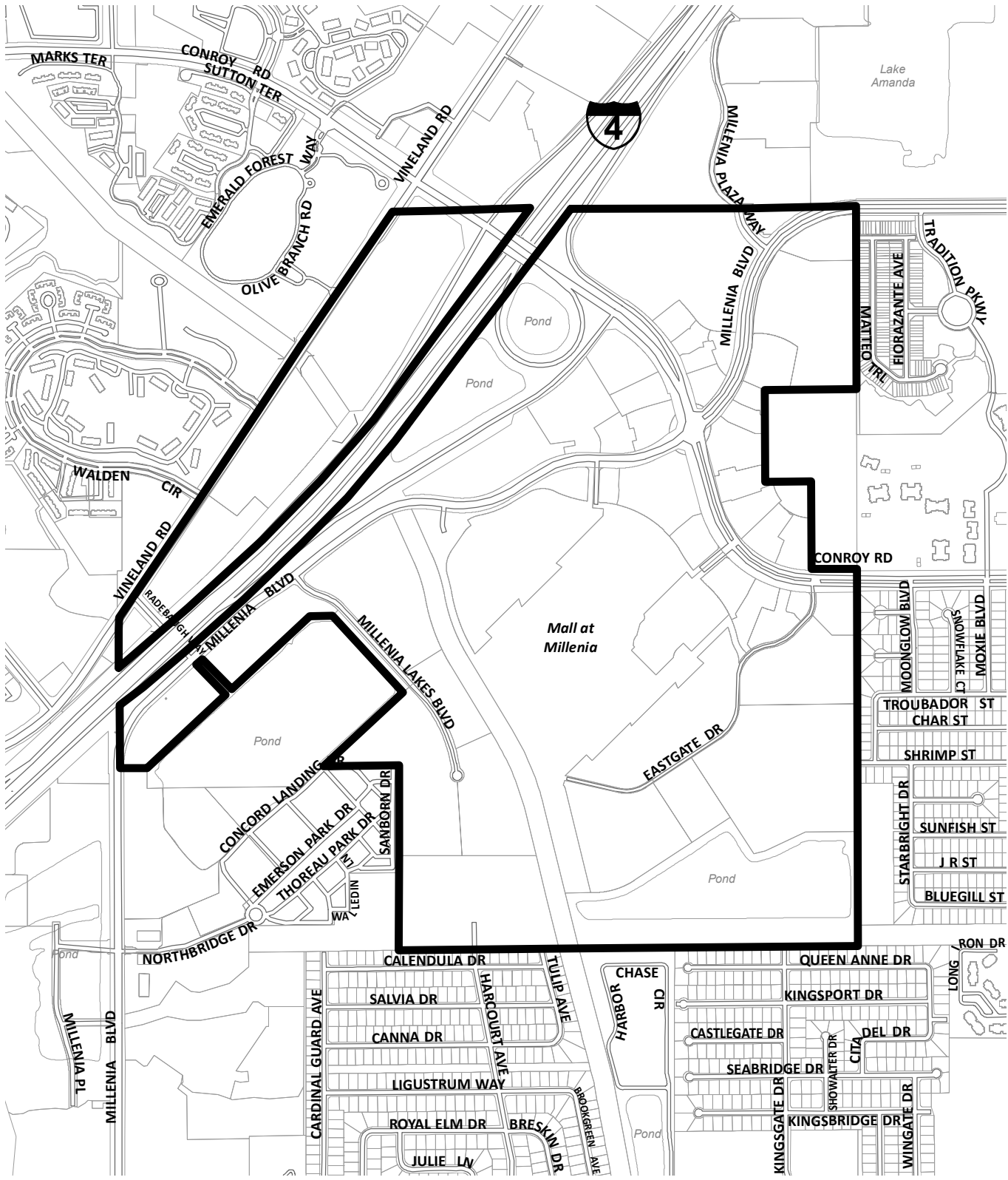
The Redevelopment Area consists of approximately 406 acres of land surrounding and including the Interstate 4/Conroy Road Interchange. The majority of the area has been developed for commercial and retail use, including a large shopping mall, other shopping centers, restaurants, office buildings and some multi-family residential development.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY – CONROY ROAD DISTRICT**

The following table shows the properties that comprise the Redevelopment Area.

**USE OF TAXABLE PROPERTIES WITHIN THE REDEVELOPMENT AREA  
FOR CALENDAR YEAR 2015**

Parcel	Taxable Assessed Value	Property Use
Mall at Millenia	\$ 112,549,389	Regional Shopping Center
Aqua at Millenia Apartments	33,205,721	Apartment Complex
Millenia Lakes II & III	32,933,338	Multi-Story Office Building
Millenia Lakes I	30,481,845	Apartment Complex
Estates at Millenia	25,483,871	Apartment Complex
Ikea	22,172,807	Store
Millenia Park One	20,124,450	Multi-Story Office Building
Millenia Crossing	18,958,569	Community Shopping Center
Target	16,729,827	Store
Macy's Mall Parcel	14,929,585	Department Store
Bloomingdale's Mall Parcel	12,824,660	Department Store
DeVry Institute	9,013,935	Office Building
Audi South Orlando	8,940,503	Vehicle Showroom
3900 Millenia Boulevard LLC	8,811,397	Multi-Story Office Building
Adventist Health System/ Sunbelt Inc.	6,317,504	Vacant Commercial
Shoppes at Millenia	6,267,982	Community Shopping Center
Aston Martin / Smart Car / Infiniti	6,205,379	Vehicle Showroom
Mercedes Benz of South Orlando	6,153,980	Vehicle Showroom
Neiman Marcus Mall Parcel	5,970,240	Department Store
Other	<u>53,590,408</u>	
Total Taxable Assessed Value	<u><u>\$ 451,665,390</u></u>	



**Conroy Road  
Community Redevelopment Area III**



**CITY OF ORLANDO, FLORIDA**  
**COMMUNITY REDEVELOPMENT AGENCY – CONROY ROAD DISTRICT**

**Flow of Funds**

The Indenture provides that the Agency will dispose of funds in the Revenue Fund, as and when received, only in the following order and priority:

(a) first by deposit into the Interest Subaccount, the Principal Subaccount and the Redemption Account an amount which, together with other amounts on deposit therein will equal the principal payments, Amortization Installments, the interest payments due or to become due on the Series 2012 Bonds on April 1 and October 1 of each year and the redemption payments due on the Series 2012 Bonds in such Bond Year;

(b) then, by transfer to the Trustee for deposit pro rata into the separate subaccounts in the Reserve Account, an amount which, together with funds currently on deposit therein, will be sufficient to make the funds then deposited therein equal to the applicable Reserve Requirement for each applicable Series of Bonds; to the extent of any deficiencies in any subaccount in the Reserve Account (including any amounts owing in regard to any Reserve Account Credit Facility) existing on the first day of each Fiscal Year, moneys will be transferred for such purposes pursuant to the terms of the Indenture;

(c) then, to the Rebate Account an amount which, together with other amounts then on deposit therein will equal the Rebate Amount as of the most recent calculation date in accordance with the terms of the Indenture;

(d) the balance of such funds remaining in the Revenue Fund, after provision for the payment of all amounts described in (a) through (c) above have been made, will be redeposited into the Redevelopment Trust Fund on or before January 30 of each year pursuant to the Interlocal Agreement to be applied by the Agency for any lawful purpose and in accordance with the provisions of the Interlocal Agreement. Such funds, when redeposited to the Redevelopment Trust Fund will no longer be subject to the provisions of the Indenture and will not be considered available for deposit in the Revenue Fund in any future years.

**Reserve Account**

The Agency shall deposit or cause to be deposited in the Reserve Account, on the date of issuance of the Series 2012 Bonds an amount sufficient to cause the amount on deposit therein to equal to the Reserve Requirement for the Series 2012 Bonds. The Reserve Requirement means the lesser of: (i) the Maximum Annual Debt Service Requirement on all Outstanding Series 2012 Bonds; (ii) 125% of the average annual Bond Service Requirement for all Outstanding Series 2012 Bonds; or (iii) the aggregate of 10% of the proceeds of the Series 2012 Bonds calculated as of the date of original issuance thereof. Funds on deposit in the Reserve Account will be used for the purpose of curing deficiencies in the Principal Subaccounts and the Interest Subaccounts allocable to the Series 2012 Bonds (including the payment of principal and interest and Amortization Installments then due on such Series 2012 Bonds).

The Indenture authorizes, subject to the conditions contained therein, the deposit of a Reserve Account Credit Facility into the Reserve Account in lieu of or in substitution for the required cash deposits, in an amount equal to the difference between the Reserve Requirement and the amounts then on deposit in the Reserve Account. Any such Reserve Account Credit Facility would benefit the Holders of such allocable Series of Bonds and be payable to the Paying Agent (upon the giving of the required notice) designated for such Series of Bonds secured by the Reserve Account, on any interest or principal payment date or redemption date on which a deficiency exists which cannot be cured by moneys in any other fund or account held pursuant to the Indenture and available for such purpose. If the Agency maintains both a Reserve Account Credit Facility and cash or Investment Securities in the Reserve Account, the cash or Investment Securities must be used prior to making any disbursements under the Reserve Account Credit Facility.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY – CONROY ROAD DISTRICT**

**THE INTERLOCAL AGREEMENT**

**General.** The City and the County entered into an Interlocal Agreement dated April 1, 1997 (as amended from time to time, the "Interlocal Agreement"), which among other things, provides for the disposition of Increment Revenues generated within the Redevelopment Area. The Interlocal Agreement also provides that the existence of the Redevelopment Area will automatically terminate and the Increment Revenues cease being appropriated and paid by the County upon the earlier to occur of (i) the payment or defeasance of all obligations authorized to pay the costs of the Improvements (or to refinance such costs) and (ii) January 1, 2027. As part of the proceedings validating the Series 1998A Bonds and Series 1998B Bonds, the Court validated and confirmed the Interlocal Agreement and found it to constitute a valid, binding and enforceable agreement. See "VALIDATION" herein.

The Interlocal Agreement limits the use of the Increment Revenues to the payment of (i) the principal of, and interest and redemption premium, if any, on obligations issued to provide funds for allowable capital costs of the Improvements and (ii) certain costs incidental to variable rate obligations. Any surplus Increment Revenues are required to be distributed to the respective taxing authorities (the County or the City) within 30 days of receipt of payments from such taxing authority of the Increment Revenues in amounts that are proportionate to the amount the taxing authority's payment bears to the total amount paid into the Redevelopment Trust Fund by all taxing authorities for that year, in accordance with the calculations set forth in the Interlocal Agreement.

**County Prepayment.** Under the terms of the Interlocal Agreement, the County has the right to legally defease or refund any Increment Obligations, including the Series 2012 Bonds, in a principal amount equal to the County Share (as a percentage) of the aggregate principal amount then outstanding. The "County Share" is the approximate equivalent of the ratio of the ad valorem tax millage levied by the County to the aggregate ad valorem tax millage levied by the County and the City. Currently, the County Share stated as a percentage is approximately 44%. The following conditions must first be met before the County can exercise its option to legally defease or refund any of the Increment Obligations comprising the County Share (which includes any of the Series 2012 Bonds):

(A) The Adjusted Increment Revenues (as defined below) for the two consecutive Fiscal Years immediately preceding such defeasance or refunding is at least equal to 125% of the Adjusted Debt Service Requirement (as defined below) for each such Fiscal Year; and

(B) The County has provided the City with an opinion of nationally recognized bond counsel that such defeasance or refunding of the County Share of the aggregate principal amount of all Increment Obligations then outstanding would (a) not cause the interest on the Increment Obligations to be includable in gross income for federal income tax purposes, and (b) not be deemed a refunding or a reissuance for federal income tax purposes, of the Increment Obligations that remain Outstanding or that have not been defeased.

In the event the County were to exercise its option to legally defease or refund any of the Series 2012 Bonds comprising the County Share of Increment Obligations, all or a portion of such Series 2012 Bonds to be defeased or refunded may either be (i) called for optional redemption as described above under "DESCRIPTION OF THE SERIES 2012 BONDS – Redemption Provisions" or (ii) defeased by the deposit of sufficient moneys or Governmental Securities in a separate escrow fund in the manner required under the Indenture.

For purposes of the above, the term "Adjusted Increment Revenues" in any Fiscal Year means the aggregate Increment Revenues for such Fiscal Year that were deposited into the Redevelopment Trust Fund, reduced by the aggregate Increment Revenues in such Fiscal Year that would not have been deposited into the Redevelopment Trust Fund had such defeasance or refunding occurred immediately prior to the commencement of such Fiscal Year. The term "Adjusted Debt Service Requirement" in any Fiscal Year means the required principal and interest payments to be made for the Increment Obligations for such Fiscal Year, reduced by the debt service attributable to those Increment Obligations that are to be partially defeased or refunded pursuant to the foregoing, had such defeasance or refunding occurred immediately prior to the commencement of such Fiscal Year.

**CITY OF ORLANDO, FLORIDA**  
**COMMUNITY REDEVELOPMENT AGENCY – CONROY ROAD DISTRICT**  
**INCREMENT REVENUES**

**General**

Increment Revenues are defined in the Indenture and the Interlocal Agreement as "increment revenues" (as the term is defined in Section 163.340(22) of the Redevelopment Act) appropriated and paid each Fiscal Year by each "taxing authority" (as that term is defined in the Redevelopment Act) within the Redevelopment Area for deposit into the Redevelopment Trust Fund, pursuant Section 163.387 of the Redevelopment Act. Increment Revenues also includes payments treated as Increment Revenues pursuant to the Indenture, but excludes "increment revenue" associated with any of the City's other community redevelopment areas. Increment Revenues are deposited in the Redevelopment Trust Fund created under and pursuant to the Redevelopment Trust Fund Ordinance. Under the terms of the Interlocal Agreement, the Increment Revenues may only be used to pay debt service on and associated costs for Increment Obligations issued (including Refunding Increment Obligations) to finance or refinance the Improvements comprising the Interchange Redevelopment Plan. The Interlocal Agreement further provides that Increment Revenues may not be used to fund the operating and personnel expenses of the Agency.

**Sources of Increment Revenues**

Required payments by the taxing authorities (the City and the County) to the Redevelopment Trust Fund are based on the assessed valuation of taxable real property as of the previous January 1. Pursuant to the Redevelopment Act and the Redevelopment Trust Fund Ordinance, on or before each January 1, each such taxing authority levying taxes in the Redevelopment Area must appropriate and pay to the Redevelopment Trust Fund an amount equal to 95% of the difference between:

- (a) The amount of ad valorem taxes levied each year by that taxing authority, exclusive of any amount from any debt service millage, on taxable real property contained within the geographic boundaries of the Redevelopment Area; and
- (b) The amount of ad valorem taxes which would have been produced by the then current millage rate of that taxing authority, exclusive of any debt service millage, had it been applied to the assessed valuation of the taxable real property in the Redevelopment Area as of January 1, 1992.

Pursuant to the Redevelopment Act, the taxing authorities are obligated to make the required annual contributions of increment revenues for deposit into the Redevelopment Trust Fund by January 1st of each year. This obligation is not a function of whether the taxing authorities have previously received ad valorem tax payments from the taxpayers located in the Redevelopment Area.

Current and future tax increment revenue accruing within the Redevelopment Area is predicated upon increases in assessed real property valuations in excess of taxable values recognized for a specific base year. Total assessed taxable values within the Redevelopment Area for the base year of 1992 were \$6,502,265.



**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY – CONROY ROAD DISTRICT**

The following table summarizes the historical gross assessment (taxable) values for the Conroy Road Redevelopment Area as of January 1 of each year and the increase or decrease in assessments for each year. Tax increment revenues are collected by December 31 of the same year.

<u>Measuring Calendar Year (as of January 1)</u>	<u>Fiscal Year Ending September 30</u>	<u>Total Assessed Taxable Values</u>	<u>Increase/(Decrease) in Assessed Value Over Prior Year</u>	<u>Incremental Value</u>
2006	2007	311,198,025	31,444,721	304,695,760
2007	2008	375,398,278	64,200,253	368,896,013
2008	2009	462,393,944	86,995,666	455,891,679
2009	2010	436,745,842	(25,648,102)	430,243,577
2010	2011	361,149,828	(75,596,014)	354,647,563
2011	2012	346,944,329	(14,205,499)	340,442,064
2012	2013	342,602,321	(4,342,008)	336,100,056
2013	2014	389,960,807	47,358,486	383,458,542
2014	2015	395,498,916	5,538,109	388,996,651
2015	2016	451,665,390	56,166,474	445,163,125

The following table summarizes the actual tax increment revenues collected through fiscal year 2016.

<u>Fiscal Year Ended Sept. 30</u>	<u>Total Collections</u>	<u>Annual Rate of Growth/(Decrease)</u>	<u>Debt Service Coverage <sup>(c)</sup></u>
1999 (a)	\$ 72,886	-- %	0.03
2000 (a)	243,015	233.4	0.11
2001 (a)	502,245	106.7	0.22
2002 (a)	742,290	47.8	0.32
2003 (a)	955,614	28.7	0.42
2004	2,403,442	151.5	1.05
2005	2,555,917	6.3	1.12
2006	2,817,963	10.3	1.23
2007	3,096,533	9.9	1.36
2008	3,282,116	6.0	1.44
2009	4,367,655	33.1	1.91
2010	3,957,967	(9.4)	1.73
2011	3,397,690	(14.2)	1.49
2012	3,261,594	(4.0)	1.43
2013	3,219,998	(1.3)	1.69
2014	3,673,712	14.1	1.93
2015	4,096,317	11.5	2.15
2016 (b)	4,687,777	14.4	2.46

- (a) Debt service prior to Fiscal Year 2004 was partially paid with capitalized interest.
- (b) Reflects tax increment revenue collected as of December 31, 2014.
- (c) Debt service coverage through 2012 is calculated based on Maximum Annual Debt Service on the Series 1998A Bonds, \$2,284,820; debt service coverage for 2013 and thereafter is calculated based on the Maximum Annual Debt Service for the Series 2012 Bonds, \$1,903,125.

**CITY OF ORLANDO, FLORIDA  
COMMUNITY REDEVELOPMENT AGENCY – CONROY ROAD DISTRICT**



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**BECOME  
ONE OF  
THE MOST  
SUSTAINABLE  
CITIES IN  
AMERICA**



**GREEN FLEET**

- Increasing Recycling
- Reducing Food Waste with Composting
- Greener Buildings
- Greener Fleet
- Reducing Energy Costs
- Electric Vehicles
- Making Energy Retrofits Affordable



**30%**

Energy savings since 2010 in 24 buildings

**LOOKING AHEAD  
SUSTAINABILITY IN ORLANDO**

- Increase commercial food waste collection Downtown
- Implement second phase 2 of internal energy efficiencies
- LEED-certification on at least 10 more City-owned buildings
- Expand multi-family recycling
- Launch the One Person, One Tree campaign
- Pilot a project to plant fruit trees on City property
- Develop EcoDistricts



**ONE LESS CAR, ONE MORE PARK**



**COMPOSTING**



Resident participation up by

**10%**

**CITY OF ORLANDO, FLORIDA**

**OTHER SELF SUFFICIENT DEBT  
BOND DISCLOSURE SUPPLEMENT**

**SUMMARY INFORMATION  
Outstanding Balance as of September 30, 2015**

<b>TOURIST DEVELOPMENT TAX REVENUE BONDS (6TH CENT CONTRACT PAYMENTS)</b>							
<b>Individual Bond Issues:</b>	<b>Outstanding</b>	<b>Ratings (1)</b>		<b>Bond Insurer</b>	<b>Liquidity Facility</b>	<b>Trustee</b>	<b>Final Maturity</b>
<b>Fixed Rate:</b>							
Senior Tourist Development Tax Revenue Bonds (6th Cent Contract Payments), Series 2008A	\$ 174,405,000	Moody's S&P Fitch	Baa2 BBB BBB	Assured Guaranty	N/A	Wells Fargo Bank, N.A. Orlando, FL	11/1/2038
2nd Lien Subord. Tourist Development Tax Revenue Bonds (6th Cent Contract Payments), Series 2008B	32,635,000	Moody's S&P Fitch	Ba2 BBB- BBB-	Assured Guaranty	N/A	Wells Fargo Bank, N.A. Orlando, FL	11/1/2038
3rd Lien Subord. Tourist Development Tax Revenue Bonds (6th Cent Contract Payments), Series 2008C	<u>87,270,000</u>	Moody's S&P Fitch	N/A CCC+ N/A	Assured Guaranty	N/A	Wells Fargo Bank, N.A. Orlando, FL	11/1/2038
<b>Total TDT Bonds Outstanding</b>	<b><u>\$ 294,310,000</u></b>						
<b>Debt Service Reserves:</b>							
Senior Lien Liquidity Reserve	\$ 6,459,206						
Senior Lien Debt Service Reserve	\$ 6,459,206						
2nd Lien Liquidity Reserve	\$ 1,329,300						
2nd Lien Debt Service Reserve	\$ 1,329,300						
3rd Lien Liquidity Reserve	\$ -						
3rd Lien Debt Service Reserve	\$ 2,639,615						
<b>Revenue Pledge:</b>							
Primary:							
Contract 6th Cent Tourist Development Tax Payments received from Orange County, Florida, pursuant to the Community Venues Interlocal Agreement.							
1) Does not reflect ratings obtained through the use of municipal bond insurance.							

<b>CONTRACT TOURIST DEVELOPMENT TAX PAYMENTS REVENUE BONDS</b>							
<b>Individual Bond Issues:</b>	<b>Outstanding</b>	<b>Ratings</b>		<b>Bond Insurer</b>	<b>Liquidity Facility</b>	<b>Paying Agent</b>	<b>Final Maturity</b>
<b>Fixed Rate:</b>							
Contract Tourist Development Tax Payments Revenue Bonds Series 2014A	<u>236,290,000</u>	Moody's Fitch	Aa2 AA+	N/A	N/A	Wells Fargo Bank, N.A. Orlando, FL	11/1/2044
<b>Total TDT Bonds Outstanding</b>	<b><u>\$ 236,290,000</u></b>						
<b>Debt Service Reserves:</b>							
Liquidity Reserve	\$ 8,066,500						
Debt Service Reserve	\$ 8,066,500						
Community Redevelopment Agency Reserve	\$ 25,000,000						
Orange County Reserve	\$ 12,500,000						
<b>Revenue Pledge:</b>							
Primary:							
Contract Tourist Development Tax Payments received from Orange County, Florida, pursuant to the Community Venues Interlocal Agreement.							
Secondary:							
Community Redevelopment Agency Residual Capacity							
General Fund Covenant Revenues							

**CITY OF ORLANDO, FLORIDA**

<b>STATE SALES TAX PAYMENTS REVENUE BONDS</b>						
<b>Individual Bond Issues:</b>	<b>Outstanding</b>	<b>Ratings</b>	<b>Bond Insurer</b>	<b>Liquidity Facility</b>	<b>Paying Agent</b>	<b>Final Maturity</b>
Fixed Rate:						
State Sales Tax Payments Revenue Bonds, Series 2008		Moody's Aa2 S&P A+ Fitch AA+	N/A	N/A	Regions Bank Orlando, FL	2/1/2038
	<u>\$ 27,275,000</u>					
Total Sales Tax Bonds Outstanding	<u>\$ 27,275,000</u>					
<u>Debt Service Reserves:</u>						
Debt Service Reserve	\$ 1,059,869					
<b>Revenue Pledge:</b>						
Primary:						
State Sales Tax Payments pursuant to Florida Statutes 288.1162 and 212.20(6)(d)7.b.						

## CITY OF ORLANDO, FLORIDA

### TOURIST DEVELOPMENT TAX REVENUE BONDS (6<sup>TH</sup> CENT CONTRACT PAYMENTS)

#### INTRODUCTION

The Tourist Development Tax Revenue Bonds (6<sup>th</sup> Cent Contract Payments) were issued pursuant to the Community Venues Interlocal Agreement between the City of Orlando, Orange County, and the City of Orlando Community Redevelopment Agency to finance a portion of the costs of the Amway Center, which opened on October 1, 2010.

#### **Interlocal Agreement**

Pursuant to the Interlocal Agreement dated as of August 6, 2007 (the "Interlocal Agreement") among the City, Orange County, Florida (the "County"), and the City of Orlando, Florida Community Redevelopment Agency (the "Agency"), the County has covenanted to deposit on a monthly basis Contract Sixth Cent Revenues with the Trustee on the fifteenth day of each month after Sixth Cent TDT are collected and available for distribution commencing with the hotel collection month of October 1, 2008, and continuing until the earlier of (a) the date the Contract Sixth Cent Obligations (as that term is defined in the Interlocal Agreement) are defeased or paid in full, or (b) November 15, 2038. The Series 2008 Bonds are being issued as Contract Sixth Cent Obligations with respect to the Interlocal Agreement.

#### **Contract Sixth Cent Revenues**

Funds available to pay debt service on the Series 2008 Bonds, other than Series 2008 Bond proceeds, interest thereon and interest on funds and accounts created pursuant to the Indentures are limited to the Contract Sixth Cent Revenues as defined in the Interlocal Agreement.

Contract Sixth Cent Revenues are defined in the Interlocal Agreement to mean the following moneys when deposited with the Trustee pursuant to the Interlocal Agreement: (1) for each of the Fiscal Years 2008-2009 through 2017-2018, an amount equal to 50% of the Sixth Cent TDT collected in each fiscal year plus an amount equal to 5% of the Sixth Cent TDT collected in Fiscal Years 2005-2006 through 2007-2008 and (2) for each of the fiscal years 2018-2019 through 2037-2038, an amount equal to 50% of the Sixth Cent TDT collected in each Fiscal Year. Collections of the Sixth Cent TDT are based on an accrued revenue basis.

The portion of Contract Sixth Cent Revenues which is attributable to the Sixth Cent TDT collected in Fiscal Years 2005-06 through 2007-08 and distributed to the Trustee concurrently with revenues collected in Fiscal Years 2008-2009 through 2017-2018, as set forth in the definition of Contract Sixth Cent Revenues is referred to herein as the "Installment Payments."

Sixth Cent TDT is defined in the Interlocal Agreement to mean the tourist development tax collected by the County pursuant to Section 125.0104(3)(n), Florida Statutes, or any successor statute, and does not include investment earnings, if any, earned by the County prior to any distributions to the Trustee.

The County currently levies tourist development taxes, which are comprised of the Tourist Development Taxes (as defined herein), the Fifth Cent TDT and the Sixth Cent TDT, at the combined rate of six percent of each whole and major fraction of each dollar of the total rental charged for Tourist Rentals (as defined in the Official Statement). The County Comptroller currently collects and administers tourist development taxes locally. The TDT Act authorizes the County to retain a portion of the tax for costs of administration, but such portion may not exceed three percent of collections.

**CITY OF ORLANDO, FLORIDA**

**TOURIST DEVELOPMENT TAX COLLECTIONS**

The following table shows the County's receipts of the Sixth Cent TDT for the past two fiscal years:

**ORANGE COUNTY, FLORIDA  
SIXTH CENT TDT MONTHLY COLLECTIONS  
FISCAL YEARS ENDING SEPTEMBER 30, 2014 AND 2015**

<b>Sixth Cent TDT Collections</b>				
<b>Collection Month (1)</b>	<b>Unaudited FY 2014</b>	<b>Unaudited FY 2015</b>	<b>Year/Year Change</b>	<b>Y/Y Percent Change</b>
October	\$ 2,527,260	\$ 2,884,612	\$ 357,352	14.1%
November	2,595,334	2,953,809	358,475	13.8%
December	2,699,587	3,049,446	349,859	13.0%
January	2,812,660	3,143,773	331,113	11.8%
February	2,980,570	3,308,374	327,803	11.0%
March	3,618,894	4,115,583	496,689	13.7%
April	3,100,297	3,491,929	391,632	12.6%
May	2,735,816	2,933,761	197,945	7.2%
June	2,995,228	3,186,930	191,703	6.4%
July	2,713,770	3,222,992	509,222	18.8%
August	2,484,320	2,698,891	214,571	8.6%
September	2,302,974	2,706,333	403,359	17.5%
<b>TOTAL</b>	<b>\$ 33,566,709</b>	<b>\$ 37,696,432</b>	<b>\$ 4,129,723</b>	<b>12.3%</b>

Source: Orange County Comptroller's Office Annual Revenue Monitoring Report.

(1) Hotel collection month. Remitted to the County in the following month (e.g., October hotel collections are remitted to the County in November).

The following table shows collections for the first five (5) months of FY 2016 compared with prior year collections during the same timeframe:

**ORANGE COUNTY, FLORIDA  
SIXTH CENT TDT MONTHLY COLLECTIONS  
FIVE MONTHS ENDING FEBRUARY 28, 2015 AND 2016**

<b>Sixth Cent TDT Collections</b>				
<b>Collection Month (1)</b>	<b>Unaudited FY 2015</b>	<b>Unaudited FY 2016</b>	<b>Year/Year Change</b>	<b>Y/Y Percent Change</b>
October	\$ 2,884,612	\$ 3,159,650	\$ 275,039	9.5%
November	2,953,809	3,135,450	181,641	6.1%
December	3,049,446	3,428,967	379,521	12.4%
January	3,143,773	3,234,333	90,561	2.9%
February	3,308,374	3,469,183	160,810	4.9%
<b>TOTAL</b>	<b>\$ 15,340,013</b>	<b>\$ 16,427,583</b>	<b>\$ 1,087,571</b>	<b>7.1%</b>

Source: Orange County Comptroller's Office Annual Revenue Monitoring Report and monthly TDT collections press releases.

(1) Hotel collection month. Remitted to the County in the following month (e.g., October hotel collections are remitted to the County in November).

**CITY OF ORLANDO, FLORIDA**

The following table shows historical collections of one cent of the tourist development tax in Orange County, Florida, for each of the Fiscal Years shown, derived by dividing the amount of the first two cents of the tourist development tax received in each Fiscal Year by two.

**TABLE OF HISTORICAL COLLECTIONS OF ONE CENT  
OF THE TOURIST DEVELOPMENT TAX**

<b>Fiscal Year Ending <u>September 30,</u></b>	<b>One Cent of County <u>TDT Collections</u></b>	<b>Percent Change <u>From Prior Year</u></b>
1979	\$ 1,745,581	--
1980	2,043,614	17.1%
1981	2,145,290	5.0%
1982	2,263,578	5.5%
1983	3,204,990	41.6%
1984	3,815,943	19.1%
1985	4,258,308	11.6%
1986	5,183,573	21.7%
1987	6,264,121	20.8%
1988	6,735,903	7.5%
1989	9,046,180	34.3%
1990	10,278,491	13.6%
1991	10,698,571	4.1%
1992	12,131,135	13.4%
1993	12,661,711	4.4%
1994	12,878,488	1.7%
1995	13,721,151	6.5%
1996	15,446,536	12.6%
1997	18,005,858	16.6%
1998	19,489,957	8.2%
1999	19,840,382	1.8%
2000	21,639,172	9.1%
2001	20,964,981	-3.1%
2002	18,324,455	-12.6%
2003	18,671,206	1.9%
2004	22,203,319	18.9%
2005	24,033,575	8.2%
2006	25,699,938	6.9%
2007	27,176,129	5.7%
2008	28,028,268	3.1%
2009	23,704,214	-15.4%
2010	24,626,779	3.9%
2011	29,309,210	19.0%
2012	29,217,180	-0.3%
2013	31,160,341	6.7%
2014	33,566,709	7.7%
2015	37,696,432	12.3%

Source: Orange County Comptroller's Office.



**CITY OF ORLANDO, FLORIDA**

**CONTRACT SIXTH CENT REVENUES**

**Historical Contract 6<sup>th</sup> Cent Revenues**

Contract 6th Cent Revenues began flowing from the County to the Trustee in December 2008 (based on revenues collected during hotel collection month of October 2008). The following tables show the Trustee's receipts of the Contract 6th Cent Revenues transferred from Orange County:

**CONTRACT 6<sup>TH</sup> CENT REVENUES RECEIVED BY TRUSTEE  
FISCAL YEARS ENDING SEPTEMBER 30, 2014 AND 2015**

<b>Contract 6th Cent Revenues</b>				
<b>Collection Month (1)</b>	<b>Unaudited FY 2014</b>	<b>Unaudited FY 2015</b>	<b>Year/Year Change</b>	<b>Y/Y Percent Change</b>
October	\$ 1,499,302	\$ 1,677,978	\$ 178,676	11.9%
November	1,533,339	1,712,577	179,238	11.7%
December	1,585,465	1,760,395	174,930	11.0%
January	1,642,002	1,807,558	165,556	10.1%
February	1,725,957	1,889,859	163,902	9.5%
March	2,045,119	2,293,464	248,345	12.1%
April	1,785,820	1,981,637	195,816	11.0%
May	1,603,580	1,702,553	98,972	6.2%
June	1,733,286	1,829,137	95,851	5.5%
July	1,592,557	1,847,168	254,611	16.0%
August	1,477,832	1,585,117	107,286	7.3%
September	1,285,282	1,558,039	272,757	21.2%
<b>TOTAL</b>	<b>\$ 19,509,542</b>	<b>\$ 21,645,481</b>	<b>\$ 2,135,939</b>	<b>10.9%</b>

Source: Wells Fargo Corporate Trust Reports. Amounts include monthly Installment Payment of \$235,672.  
(1) Hotel collection month. Remitted to County in following month and transferred to the Trustee in the following month (e.g., October hotel collections are remitted to the Trustee in December).

**CONTRACT 6<sup>TH</sup> CENT REVENUES RECEIVED BY TRUSTEE  
FIVE MONTHS ENDING FEBRUARY 28, 2015 AND 2016**

<b>Contract 6th Cent Revenues</b>				
<b>Collection Month (1)</b>	<b>Unaudited FY 2015</b>	<b>Unaudited FY 2016</b>	<b>Year/Year Change</b>	<b>Y/Y Percent Change</b>
October	\$ 1,677,978	\$ 1,824,794	\$ 146,816	8.7%
November	1,712,577	1,814,134	101,558	5.9%
December	1,760,395	1,963,636	203,241	11.5%
January	1,807,558	1,868,921	61,362	3.4%
February	1,889,859	2,027,892	138,033	7.3%
<b>TOTAL</b>	<b>\$ 8,848,367</b>	<b>\$ 9,499,378</b>	<b>\$ 651,011</b>	<b>7.4%</b>

Source: Wells Fargo Corporate Trust Reports. Amounts include monthly Installment Payment of \$235,672.  
(1) Hotel collection month. Remitted to County in following month and transferred to the Trustee in the following month (e.g., October hotel collections are remitted to the Trustee in December).

**Installment Payments**

The portion of Contract 6<sup>th</sup> Cent Revenues attributable to 5% of the Sixth Cent TDT collected in the 25 month collection period beginning September 2006 through September 2008 and distributed to the Trustee in 120 equal monthly installments commencing December 15, 2008 and paid over the ten-year period beginning Fiscal Year 2008-2009 is referred to herein as the "Installment Payments." Based on the amount of Sixth Cent TDT collected by the County through the hotel collection month ending September 2008, the annual Installment Payment

## CITY OF ORLANDO, FLORIDA

is calculated to be \$2,828,065 (a monthly Installment Payment of \$235,672), which pursuant to the Interlocal Agreement continues through Fiscal Year 2017-2018 as follows (reflected on a Bond Year basis):

<u>Bond Year</u> <u>Ending 11/1</u>	<u>Installment</u> <u>Payment Amounts<sup>(1)</sup></u>
2009	\$2,592,393
2010	2,828,065
2011	2,828,065
2012	2,828,065
2013	2,828,065
2014	2,828,065
2015	2,828,065
2016	2,828,065
2017	2,828,065
2018	2,828,065
2019	235,672

- (1) For the Bond Year ending November 1, 2009 Installment Payments include eleven (11) monthly distributions commencing December 15, 2008 and through October 15, 2009. For the Bond Years ending November 1, 2010 through November 1, 2018, Installment Payments include twelve (12) monthly distributions (November 15, through October 15). For the Bond Year ending November 1, 2019, Installment Payments include a one (1) month distribution (November 15, 2018).

### BONDHOLDER RISKS

#### Pledged Revenues - Volatility

Since its inception in 1978, the tourist development tax has been a revenue source that demonstrated long-term historical growth characterized by significant year-to-year volatility. Future collections of the Sixth Cent TDT, and therefore the amounts of Contract Sixth Cent Revenues available to pay debt service on the Series 2008 Bonds, are dependent upon a number of factors beyond the control of the City and the County, which may include the following:

- strength of the tourism industry in Orange County
- general economic conditions (both domestically and internationally)
- the occurrence of terrorist attacks
- weather events such as hurricanes
- tax reform or other legislative changes
- other events or trends which could affect future tourist development tax collections, including sale of discounted rooms over the internet and free stays associated with hotel point reward programs.

The foregoing list is not intended to be definitive or exhaustive, but instead is intended to highlight some of the various factors which could potentially affect the amounts of Sixth Cent TDT collected and, therefore, Contract Sixth Cent Revenues deposited with the Trustee in the future.

#### Pledged Revenues - Collections

The City does not collect the Sixth Cent TDT. The County collects the Sixth Cent TDT and has covenanted in the Interlocal Agreement to deposit Contract Sixth Cent Revenues with the Trustee on the fifteenth day of each month after Sixth Cent TDT are collected and available for distribution. The first monthly deposit of Contract Sixth Cent Revenues was made on December 15, 2008. Collection of the Sixth Cent TDT and timely deposit of Contract Sixth Cent Revenues with the Trustee are the exclusive responsibility of the County and beyond the control of the City except to the extent of its enforcement of its legal rights under the Interlocal Agreement.

## **CITY OF ORLANDO, FLORIDA**

### **Pledged Revenues - Termination Date**

Pursuant to the Interlocal Agreement, the obligation of the County to deposit Contract Sixth Cent Revenues with the Trustee terminates on the earlier of (a) the date the Contract Sixth Cent Obligations are defeased or paid in full, or (b) November 15, 2038. There is no provision in the Interlocal Agreement for such termination date to be extended beyond November 15, 2038 for the purpose of making additional deposits of Contract Sixth Cent Revenues to the Trustee for unpaid debt service on any Bonds or for any other reason.

### **Pledged Revenues - Installment Payments**

The amount of Contract Sixth Cent Revenues deposited with the Trustee will not include "Installment Payments" (as defined in the Official Statement) after Fiscal Year 2017-2018. Pursuant to the Interlocal Agreement, the components of Contract Sixth Cent Revenues consist of (i) 50% of the Sixth Cent TDT collected in each of the Fiscal Years 2008-2009 through 2037-38, and (ii) 5% of the Sixth Cent TDT collected in the 25 month collection period – September 2006 through and including Fiscal Year 2007-08 – and which is deposited by the County to the Trustee in each of the Fiscal Years 2008-2009 through 2017-2018.

### **Conditional Redemption of Third Lien Subordinate Bonds (Series C Bonds)**

The Third Lien Subordinate Indenture provides that certain revenues, if available, will be deposited into the Third Lien Subordinate Principal Account and used to redeem the Series 2008C Bonds in years 2010 through 2037, subject to a maximum amount in each year ("Series C Bonds Target Principal Amounts"). Deposits into the Third Lien Subordinate Principal Account that will be used to make Series C Bonds Target Principal Amounts redemptions will occur annually only to the extent that all requirements in such year to (a) pay principal and interest on all Outstanding Bonds under the Indentures, (b) pay any mandatory redemption (sinking fund) requirements of all Outstanding Bonds under the Indentures as described more fully in the Indentures, and (c) replenish any deficiencies in the Debt Service Reserve Accounts and Liquidity Reserve Accounts of all Outstanding Bonds under the Indentures, are satisfied.

To the extent moneys are on deposit in the Third Lien Subordinate Principal Account following the October receipt by the Trustee of the Monthly Contract Sixth Cent Revenues in each year to make such Series C Bonds Target Principal Amounts redemptions, the Trustee shall redeem up to, but not exceeding, the following principal amounts of Series 2008C Bonds, which are the Series C Bonds Target Principal Amounts, by calling for redemption Series 2008C Bonds then subject to optional redemption on or about December 1 in the following years:

## CITY OF ORLANDO, FLORIDA

	Series C Bonds Target	
<u>Year</u>	<u>Principal Amounts</u> <sup>(1)</sup>	
2010	\$	1,270,000
2011		1,340,000
2012		1,420,000
2013		1,500,000
2014		1,585,000
2015		1,675,000
2016		1,775,000
2017		1,875,000
2018		1,980,000
2019		2,090,000
2020		2,205,000
2021		2,325,000
2022		2,455,000
2023		2,590,000
2024		2,730,000
2025		2,880,000
2026		3,040,000
2027		3,205,000
2028		3,385,000
2029		3,570,000
2030		3,765,000
2031		3,970,000
2032		4,190,000
2033		4,420,000
2034		4,665,000
2035		4,920,000
2036		5,190,000
2037 <sup>(2)</sup>		5,475,000

(1) Preliminary, subject to change

(2) Final maturity of the Series 2008C Bonds is November 1, 2038

### MATERIAL EVENT DISCLOSURES

On March 26, 2010, Fitch Ratings ("Fitch") downgraded its underlying rating on the City of Orlando, Florida Senior Tourist Development Tax Revenue Bonds (6th Cent Contract Payments), Series 2008A (the "2008A Bonds") to "BB+" from "BBB+." Concurrently, Fitch revised the Rating Outlook on the 2008A Bonds from Negative to Stable. The Fitch rating on the 2008A Bonds based solely on the financial guaranty insurance policy issued by Assured Guaranty Corp. ("Assured") for the 2008A Bonds was withdrawn on February 24, 2010 at the request of Assured. Fitch also downgraded its underlying rating on the City of Orlando, Florida Second Lien Subordinate Tourist Development Tax Revenue Bonds (6th Cent Contract Payments), Series 2008B (the "2008B Bonds") to "B" from "BBB-." The Rating Outlook on the 2008B Bonds remains Negative. The Fitch rating on the 2008B Bonds based solely on the financial guaranty insurance policy issued by Assured Guaranty Corp. ("Assured") for the 2008B Bonds was withdrawn on February 24, 2010 at the request of Assured.

On April 8, 2010, Moody's Investors Service, Inc. ("Moody's") downgraded its underlying rating on the 2008A Bonds to "Baa2" from "A3" and assigned a negative outlook to the 2008A Bonds. Moody's also downgraded its underlying rating on the 2008B Bonds to "Ba1" from "Baa1" and assigned a negative outlook to the 2008B Bonds.

## CITY OF ORLANDO, FLORIDA

On April 14, 2010, Standard & Poor's Ratings Services, a division of the McGraw-Hill Companies, Inc. ("S&P") downgraded its underlying rating on the 2008A Bonds to "BB" from "A+," and stated that the outlook on the 2008A Bonds is developing. S&P also downgraded its underlying rating on the 2008B Bonds to "CCC" from "A," and stated that the outlook on the 2008B Bonds is developing. The ratings report issued by S&P can be obtained from S&P, the website for which is [www.standardandpoors.com](http://www.standardandpoors.com). A material event notice was filed with the MSRB's Electronic Municipal Market Access (EMMA) system on April 19, 2010. S&P also downgraded its underlying rating on the City of Orlando, Florida Third Lien Subordinate Tourist Development Tax Bonds (6th Cent Contract Payments), Series 2008C (the "2008C Bonds") to "CC" from "BBB+" and stated that the outlook on the 2008C Bonds is negative.

On October 25, 2010, S&P downgraded its rating on the 2008A Bonds, 2008B Bonds, and 2008C Bonds to "AA+" from "AAA" based upon the bond insurance policies guaranteeing the timely payment of the principal of and the interest on the Bonds issued by Assured Guaranty Corp. Concurrently, S&P revised the outlook on the Bonds from Negative to Stable.

On November 30, 2011, S&P downgraded its rating on the 2008A Bonds, 2008B Bonds and 2008C Bonds to "AA-" from "AA+" based upon the bond insurance policies guaranteeing the timely payment of the principal of and the interest on the Bonds issued by Assured Guaranty Corp. Concurrently, S&P revised the Outlook on the Bonds from Negative to Stable.

On November 20, 2012, Moody's affirmed its underlying "Baa2" rating on the 2008A Bonds and downgraded its underlying rating on the 2008B Bonds from "Ba1" to "Ba2". The rating outlook on the 2008A Bonds and the 2008B Bonds was revised from "Negative" to "Stable."

On January 17, 2013, Moody's downgraded its rating on the 2008A Bonds and 2008B Bonds to "A3" from "Aa3" based upon the bond insurance policies guaranteeing the timely payment of the principal of and the interest on the Bonds issued by Assured Guaranty Corp. The outlook for the rating is stable.

On November 1, 2013, an unscheduled draw was made on the debt service reserve account for the 2008C Bonds in the amount of \$1,233,748 to fund the debt service payment due on the 2008C Bonds. The remaining balance in such debt service reserve account for the 2008C Bonds after the unscheduled draw is \$3,129,752.

On March 18, 2014, S&P upgraded its rating on the 2008A Bonds, 2008B Bonds, and 2008C Bonds to "AA" from "AA-" based upon the bond insurance policies guaranteeing the timely payment of the principal of and the interest on the Bonds issued by Assured Guaranty Corp. The outlook for the rating is stable.

On November 1, 2014 an unscheduled draw was made on the debt service reserve account for the 2008C Bonds in the amount of \$492,350 to fund the debt service payment due on the 2008C Bonds. The remaining balance in such debt service reserve account for the 2008C Bonds after the unscheduled draw is \$2,637,402.

On March 5, 2015, Fitch upgraded its rating on the 2008A Bonds from "BB+" to "BBB-" and upgraded its rating on the 2008B Bonds from "B" to "BB." The rating outlook on the 2008A Bonds was revised from "Positive" to "Stable" while the rating outlook on the 2008B Bonds remained "Stable."

On August 31, 2015, S&P upgraded its rating on the 2008A Bonds from "BB" to "BBB," upgraded its rating on the 2008B Bonds from "CCC" to "BBB-," and upgraded its rating on the 2008C Bonds from "CC" to "CCC+." The outlook on all ratings is "Stable."

On March 3, 2016, Fitch upgraded its rating on the 2008A Bonds from "BBB-" to "BBB" and upgraded its rating on the 2008B Bonds from "BB" to "BBB-." The rating outlook on the 2008A Bonds remained "Stable" while the rating outlook on the 2008B Bonds was changed to "Positive."

**CITY OF ORLANDO, FLORIDA**

**TOURIST DEVELOPMENT TAX REVENUE BONDS (6<sup>TH</sup> CENT CONTRACT PAYMENTS)  
OUTSTANDING GROSS DEBT SERVICE REQUIREMENTS TO MATURITY**

Bond Year Ending 11/1	Series 2008A			Series 2008B			Series 2008C <sup>(a)</sup>			Aggregate Debt Service <sup>(a)</sup>		
	Principal	Interest	Debt Service	Principal	Interest	Debt Service	Principal	Interest	Debt Service	Principal	Interest	Debt Service
2015	\$ 3,940,000	\$ 8,975,388	\$ 12,915,388	\$ 880,000	\$ 1,724,663	\$ 2,604,663	--	\$ 4,827,350	\$ 4,827,350	\$ 4,820,000	\$ 15,527,400	\$ 20,347,400
2016	4,095,000	8,817,788	12,912,788	965,000	1,689,463	2,654,463	--	4,827,350	4,827,350	5,060,000	15,334,600	20,394,600
2017	4,260,000	8,653,988	12,913,988	1,005,000	1,649,656	2,654,656	--	4,827,350	4,827,350	5,265,000	15,130,994	20,395,994
2018	4,435,000	8,478,263	12,913,263	1,050,000	1,605,688	2,655,688	--	4,827,350	4,827,350	5,485,000	14,911,300	20,396,300
2019	4,535,000	8,245,425	12,780,425	--	1,558,438	1,558,438	--	4,827,350	4,827,350	4,535,000	14,631,213	19,166,213
2020	4,910,000	8,007,338	12,917,338	--	1,558,438	1,558,438	--	4,827,350	4,827,350	4,910,000	14,393,125	19,303,125
2021	5,165,000	7,749,563	12,914,563	350,000	1,558,438	1,908,438	--	4,827,350	4,827,350	5,515,000	14,135,350	19,650,350
2022	5,440,000	7,478,400	12,918,400	700,000	1,540,938	2,240,938	--	4,827,350	4,827,350	6,140,000	13,846,688	19,986,688
2023	5,725,000	7,192,800	12,917,800	1,000,000	1,505,938	2,505,938	--	4,827,350	4,827,350	6,725,000	13,526,088	20,251,088
2024	6,025,000	6,892,238	12,917,238	1,200,000	1,454,688	2,654,688	--	4,827,350	4,827,350	7,225,000	13,174,275	20,399,275
2025	6,330,000	6,583,456	12,913,456	1,265,000	1,391,688	2,656,688	--	4,827,350	4,827,350	7,595,000	12,802,494	20,397,494
2026	6,655,000	6,259,044	12,914,044	1,330,000	1,325,275	2,655,275	--	4,827,350	4,827,350	7,985,000	12,411,669	20,396,669
2027	7,000,000	5,917,975	12,917,975	1,400,000	1,255,450	2,655,450	--	4,827,350	4,827,350	8,400,000	12,000,775	20,400,775
2028	7,355,000	5,559,225	12,914,225	1,475,000	1,181,950	2,656,950	--	4,827,350	4,827,350	8,830,000	11,568,525	20,398,525
2029	7,745,000	5,173,088	12,918,088	1,555,000	1,100,825	2,655,825	--	4,827,350	4,827,350	9,300,000	11,101,263	20,401,263
2030	8,150,000	4,766,475	12,916,475	1,640,000	1,015,300	2,655,300	--	4,827,350	4,827,350	9,790,000	10,609,125	20,399,125
2031	8,575,000	4,338,600	12,913,600	1,730,000	925,100	2,655,100	--	4,827,350	4,827,350	10,305,000	10,091,050	20,396,050
2032	9,030,000	3,888,413	12,918,413	1,825,000	829,950	2,654,950	--	4,827,350	4,827,350	10,855,000	9,545,713	20,400,713
2033	9,500,000	3,414,338	12,914,338	1,925,000	729,575	2,654,575	--	4,827,350	4,827,350	11,425,000	8,971,263	20,396,263
2034	10,000,000	2,915,588	12,915,588	2,030,000	623,700	2,653,700	--	4,827,350	4,827,350	12,030,000	8,366,638	20,396,638
2035	10,525,000	2,390,588	12,915,588	2,145,000	512,050	2,657,050	--	4,827,350	4,827,350	12,670,000	7,729,988	20,399,988
2036	11,080,000	1,838,025	12,918,025	2,260,000	394,075	2,654,075	--	4,827,350	4,827,350	13,340,000	7,059,450	20,399,450
2037	11,660,000	1,256,325	12,916,325	2,385,000	269,775	2,654,775	--	4,827,350	4,827,350	14,045,000	6,353,450	20,398,450
2038	12,270,000	644,175	12,914,175	2,520,000	138,600	2,658,600	87,270,000	4,827,350	92,097,350	102,060,000	5,610,125	107,670,125
<b>Total</b>	<b>\$ 174,405,000</b>	<b>\$ 135,436,506</b>	<b>\$ 309,841,506</b>	<b>\$ 32,635,000</b>	<b>\$ 27,539,661</b>	<b>\$ 60,174,661</b>	<b>\$ 87,270,000</b>	<b>\$ 115,856,400</b>	<b>\$ 203,126,400</b>	<b>\$ 294,310,000</b>	<b>\$ 278,832,561</b>	<b>\$ 573,142,561</b>

a) Based on repayment of the Series2008C principal at the stated maturity date. Assumes no early redemption of principal. See “Conditional Redemption of Third Lien Subordinate Bonds (Series C Bonds)” herein for additional information regarding the target amortization of the Series C Bonds.

## CITY OF ORLANDO, FLORIDA

### CONTRACT TOURIST DEVELOPMENT TAX PAYMENTS REVENUE BONDS, SERIES 2014A

#### INTRODUCTION

The Contract Tourist Development Tax Payments Revenue Bonds were issued pursuant to the Amended and Restated Orlando/Orange County Interlocal Agreement for the Venues Construction projects. They were issued in March of 2014 in the amount of \$236,290,000 to fund a portion of the costs for the Performing Arts Center and the Citrus Bowl construction projects. While primarily payable by TDT revenues under the Interlocal Agreement, a Covenant to Budget and Appropriate covenant revenues pledge is included to fund debt service deficiencies. At this time, these Bonds do not meet the definition of self-sufficient debt, but the City expects these Bonds to become self-sufficient.

#### Interlocal Agreement

The County has agreed in the Community Venues Interlocal Agreement to provide Contract TDT Revenues for payment of debt service on the Contract TDT Obligations. The Series 2014A Bonds are the first Contract TDT Obligations issued pursuant to the Community Venues Interlocal Agreement. The proceeds of the Series 2014A Bonds will provide all currently authorized funding for the Citrus Bowl and a portion of the authorized funding for the Performing Arts Center. After the issuance of the Series 2014A Bonds, in order to fund the remaining costs of Stage Two of the Performing Arts Center, the City may (i) issue additional Contract TDT Bonds, and/or (ii) provide funding in the form of an advance from the City's internal loan fund (the "City Loans"). The aggregate amount of additional Contract TDT Bonds or City Loans that the City may issue is limited to providing approximately \$91 million in aggregate amount of net proceeds, which includes estimated Cost Escalation and the anticipated Additional PAC Funding.

#### Contract Tourist Development Tax Revenues

The Community Venues Interlocal Agreement requires the County Comptroller to deposit Contract TDT Revenues with the Trustee commencing on each January 15th until the earlier of (a) the date that the Contract TDT Obligations are defeased or redeemed in full, or (b) December 31, 2046. If the Base Amount is greater than or equal to the total Tourist Development Taxes collected for any Fiscal Year, "Contract TDT Revenues" shall be zero for such Fiscal Year. After deposit with the Trustee, "Contract TDT Revenues" also includes the investment earnings thereon.

Contract TDT Revenues is calculated each Fiscal Year as the difference between (a) Tourist Development Taxes collected on an accrual basis by the County for such Fiscal Year as reported by the County Comptroller and (b) the Base Amount. The "Base Amount" is calculated as the established amount set forth in Exhibit B to the Community Venues Interlocal Agreement (the "Listed Amount") reduced by the actual amount of Fifth Cent TDT collected by the County on an accrual basis for such Fiscal Year as reported by the County Comptroller.

$$\text{Contract TDT Revenues} = \text{Tourist Development Taxes} - \text{Base Amount}$$

$$\text{Base Amount} = \text{Listed Amount} - \text{Fifth Cent TDT}$$

The following table shows the Listed Amount as currently set forth in Exhibit B to the Community Venues Interlocal Agreement for each Fiscal Year through the Fiscal Year ending September 30, 2040. The County's obligation to provide Contract TDT Revenue Payments continues until the earlier of (a) the date that all outstanding Contract TDT Obligations are defeased or redeemed in full, or (b) December 31, 2046.

**CITY OF ORLANDO, FLORIDA**

<b>Fiscal Year Ended September 30</b>	<b>Listed Amount</b>	<b>Fiscal Year Ended September 30</b>	<b>Listed Amount</b>
2005	\$123,000,000	2023	\$175,674,288
2006	125,460,000	2024	179,187,774
2007	127,969,200	2025	182,771,530
2008	130,528,584	2026	186,426,960
2009	133,139,156	2027	190,155,500
2010	135,801,939	2028	193,958,609
2011	138,517,978	2029	197,837,782
2012	141,288,337	2030	201,794,537
2013	144,114,104	2031	205,830,428
2014	146,996,386	2032	209,947,037
2015	149,936,314	2033	214,145,977
2016	152,935,040	2034	218,428,897
2017	155,993,741	2035	222,797,475
2018	159,113,616	2036	227,253,424
2019	162,295,888	2037	231,798,493
2020	165,541,806	2038	236,434,463
2021	168,852,642	2039	241,163,152
2022	172,229,695	2040	245,986,415

The following tables show collections of the Tourist Development Taxes and Fifth Cent TDT revenue in the County for the Fiscal Years ended September 30, 2006 through 2015 and the historic calculation of Contract TDT revenues.



**CITY OF ORLANDO, FLORIDA**

**HISTORIC TOURIST DEVELOPMENT TAXES  
AND FIFTH CENT TDT REVENUE COLLECTIONS**

<b>Fiscal Year Ended September 30</b>	<b>Tourist Development Taxes<sup>(1)</sup></b>	<b>Fifth Cent TDT</b>	<b>Percentage Change</b>
2006	\$ 102,799,750	\$ 25,699,937	--
2007	108,704,514	27,176,128	5.74%
2008	112,113,074	28,028,269	3.14%
2009	94,816,854	23,704,213	-15.43%
2010	98,507,118	24,626,780	3.89%
2011 <sup>(2)</sup>	117,236,838	29,309,209	19.01%
2012 <sup>(2)</sup>	116,868,717	29,217,179	-0.31%
2013	124,641,361	31,160,340	6.65%
2014	134,266,835	33,566,708	7.72%
2015	150,785,727	37,696,432	12.30%
<b>Totals:</b>	<b>\$ 1,160,740,788</b>	<b>\$ 290,185,195</b>	

Source: Orange County Comptroller's Office.

- <sup>(1)</sup> Tourist Development Taxes consist of the first four cents of tourist development taxes levied and collected by the County.
- <sup>(2)</sup> Tourist Development Taxes and Fifth Cent TDT revenues for Fiscal Year 2011 include a one-time payment of tourist development tax revenues from Expedia, the online travel website, paid to the County pursuant to a confidential settlement. Without taking into account receipt of the confidential settlement amount, collections of Tourist Development Taxes and Fifth Cent TDT revenues would have shown less growth in Fiscal Year 2011, and an increase, as opposed to the indicated decrease, in Fiscal Year 2012.

**CITY OF ORLANDO, FLORIDA**

**HISTORIC CALCULATION OF CONTRACT TDT REVENUES**

Fiscal Year Ending September 30	Tourist		Fifth Cent TDT	Percentage Change	Listed Amount	Base Amount <sup>(1)</sup>	Calculation of Contract TDT	
	Development	Percentage					TDT	Percentage
	Taxes	Change						Change
	(a)		(b)		(c)	(d) = (c-b)	(a-d)	
2008 <sup>(3)</sup>	\$112,113,074	--	\$ 28,028,269	--	\$130,528,584	\$102,500,315	\$ 9,612,759	--
2009	94,816,854	-15.43%	23,704,213	-15.43%	133,139,156	109,434,943	0 <sup>(4)</sup>	-100.00%
2010	98,507,118	3.89%	24,626,780	3.89%	135,801,939	111,175,159	0 <sup>(4)</sup>	n/a
2011 <sup>(5)</sup>	117,236,838	19.01%	29,309,209	19.01%	138,517,978	109,208,769	8,028,069	n/a
2012 <sup>(5)</sup>	116,868,717	-0.31%	29,217,179	-0.31%	141,288,337	112,071,158	4,797,559	-40.24%
2013	124,641,361	6.65%	31,160,340	6.65%	144,114,104	112,953,764	11,687,597	143.62%
2014	134,266,835	7.72%	33,566,708	7.72%	146,996,386	113,429,678	20,837,157	78.28%
2015	150,785,727	12.30%	37,696,432	12.30%	149,936,314	112,239,882	38,545,845	84.99%

(1) Base Amount calculated for each Fiscal Year as the Listed Amount minus Fifth Cent TDT revenue collections.

(2) Contract TDT Revenues calculated for each Fiscal Year as Tourist Development Taxes minus the Base Amount.

(3) Contract TDT Revenues generated prior to Fiscal Year 2008 were required, pursuant to the Community Venues Interlocal Agreement, to be applied first to the funding of certain reserve funds held by the County that do not constitute Pledged Funds under the Indenture.

(4) Contract TDT Revenue Payments in 2009 and 2010 equaled \$0 because Tourist Development Taxes did not exceed the Base Amount.

(5) Tourist Development Taxes and Fifth Cent TDT revenues for Fiscal Year 2011 include a one-time payment of tourist development tax revenues from Expedia, the online travel website, paid to the County pursuant to a confidential settlement. Without taking into account receipt of the confidential settlement amount, collections of Tourist Development Taxes and Fifth Cent TDT revenues would have shown less growth in Fiscal Year 2011, and an increase, as opposed to the indicated decrease, in Fiscal Year 2012.

Sources: Collection data provided by Orange County Comptroller's Office. Calculation of Contract TDT Revenues provided by City of Orlando, Florida, Office of Business and Financial Services. Listed Amount extracted from Exhibit B to Community Venues Interlocal Agreement.

**Debt Service Reserves**

Community Redevelopment Agency (CRA)

Pursuant to the Community Venues Interlocal Agreement, the City and the Agency deposited \$25,000,000 in the CRA Reserve Fund to provide additional security for the payment of the scheduled debt service on Contract TDT Obligations, which includes Bonds issued under the Indenture. Amounts on deposit in the CRA Reserve Fund will be applied on or prior to each principal and interest payment date, and before application of amounts in the Debt Service Reserve Account, to cure deficiencies in the Interest Account, Principal Account and Term Bond Redemption Account for the payment of principal of or Redemption Price, if applicable, and interest on the Bonds.

In the event of a draw on the CRA Reserve Fund, available Contract TDT Revenue Payments, and moneys drawn from the County Reserve, to the extent funds remain therein, shall be used to replenish the CRA Reserve Fund. Then, to the extent any shortfall remains, the replenishment of the CRA Reserve Fund will be funded by Agency's covenant to budget and appropriate from Residual Capacity, if any, in the manner and to the extent provided in the CRA Interlocal Agreement. Any amounts remaining on deposit in the CRA Reserve Fund upon the redemption, maturity and/or defeasance of the final maturities of Outstanding Bonds will be released from the pledge and lien of the Indenture and used by the City for any lawful purpose.

**CITY OF ORLANDO, FLORIDA**

CRA Covenant to Budget and Appropriate from Residual Capacity

The Agency has covenanted to budget and appropriate and pay from and to the extent of its Residual Capacity, if any, each Fiscal Year amounts necessary to fund deficiencies in the CRA Reserve Fund in an effort to restore the balance therein to the CRA Reserve Requirement. The Agency's covenant to replenish deficiencies in the CRA Reserve Fund is limited in each Fiscal Year only to the extent that a deficiency exists after the application of (i) all Contract TDT Revenues, (ii) moneys available in the Contract TDT Revenue Surplus Fund, and (iii) any moneys drawn from the County Reserve.

The following table shows for the last ten Fiscal Years, the Agency's (i) collections of Increment Revenues, (ii) annual combined debt service for Tax Increment Obligations, (iii) annual debt service and payment obligations for all Junior Obligations, and (iv) the amount of Increment Revenues that remained after such debt service and payment obligations were funded. The amounts shown below as "Remaining Increment Revenues" are the amounts which would have been available as Residual Capacity under the CRA Interlocal Agreement, if such provisions were in effect during the Fiscal Years shown below. However, the CRA Interlocal Agreement does not prohibit the Agency from incurring additional liabilities, even by means of a budget amendment, that would further reduce the amount of remaining Increment Revenues available to constitute Residual Capacity. Any reserve and/or fund balances of the Agency on deposit in accounts of the Agency or held on behalf of the Agency on or before September 30, 2014, which may carry over from year to year, are excluded from the amount of Increment Revenues available to constitute Residual Capacity.

**SCHEDULE OF HISTORIC INCREMENT REVENUES COLLECTIONS,  
TAX INCREMENT OBLIGATIONS, JUNIOR OBLIGATIONS  
AND REMAINING INCREMENT REVENUES**

Fiscal Year Ending Sept. 30	Increment Revenues (a)	Combined Debt Service for Tax Increment Obligations <sup>(1)</sup> (b)	Increment Revenues Remaining After Tax Increment Obligations (c) = (a-b)	Junior Obligations			Remaining Increment Revenues <sup>(2) (3) (4)</sup> (c) - (d+e+f)
				First Level Junior Obligations Debt Service (d)	Second Level Junior Obligations Payments (e)	Third Level Junior Obligations Payments (f)	
2006	\$ 12,847,436	\$ 2,661,954	\$ 10,185,482	\$ 2,822,051	\$ 137,005	\$ 3,302,970	\$ 3,923,456
2007	17,543,982	2,611,074	14,932,908	2,871,259	410,666	3,930,710	7,720,273
2008	19,357,076	2,616,324	16,740,752	3,383,204	530,131	4,975,310	7,852,107
2009	24,584,819	2,813,998	21,770,821	2,886,658	820,988	6,302,150	11,761,025
2010	22,895,294	5,424,316	17,470,978	2,886,632	1,431,354	5,173,160	7,979,832
2011	17,626,916	8,593,564	9,033,352	2,892,746	1,058,086	5,414,620	(332,100)
2012	16,356,340	8,597,114	7,759,226	2,773,658	941,806	5,683,070	(1,639,308)
2013	15,949,624	8,745,341	7,204,283	3,161,527	996,611	6,077,040	(3,030,895)
2014	16,823,023	9,089,033	7,733,990	3,599,873	974,632	8,996,430	(5,836,945)
2015	19,823,135	9,327,692	10,495,443	4,374,434	1,055,504	6,839,760	(1,774,255)

Source: City of Orlando, Florida Community Redevelopment Agency.

- (1) Amount shown is net of the Build America Bonds direct subsidy for 35% of annual payments for FY10-14.
- (2) The amounts shown as "Remaining Increment Revenues" are the amounts which would have been available as Residual Capacity under the CRA Interlocal Agreement, if such provisions were in effect during the Fiscal Years included in the table
- (3) The amounts shown as "Remaining Increment Revenues" do not include investment earnings for Increment Revenues on deposit in the Redevelopment Trust Fund. However, any such investment earnings would be included in the calculation of Residual Capacity.
- (4) Any reserve and/or fund balances of the Agency on deposit in accounts of the Agency or held on behalf of the Agency on or before September 30, 2014, which may carry over from year to year, are excluded from the amount of Increment Revenues available to constitute Residual Capacity.

## CITY OF ORLANDO, FLORIDA

### County Reserve

The County Reserve was established by the Community Venues Interlocal Agreement as a non-revolving, one-time deposit of \$12,500,000 for the purpose of funding: (i) replenishments of one-half of each draw on the CRA Reserve Fund; and/or (ii) the final maturities of the Outstanding Bonds. The County Reserve may only fund 50% of each draw on the CRA Reserve Fund, up to an aggregate of \$12,500,000. Any amounts not withdrawn from the County Reserve to replenish the CRA Reserve Fund, will be applied to the payment of Debt Service on the final maturities of Outstanding Bonds.

### City's Covenant to Budget and Appropriate

In the event of a Debt Service Deficiency in any Bond Year, the City has covenanted in the Indenture to the extent permitted by and in accordance with applicable law and budgetary processes, to prepare, approve and appropriate in its Annual Budget for each Fiscal Year, by amendment if necessary, and to pay to the Trustee for deposit to the Principal Account, Interest Account or Term Bonds Redemption Account, as applicable, Covenant Revenues in an amount equal to the Debt Service Deficiency on any payment date, which is calculated net of any additional amount deposited to replenish any amounts previously drawn from the CRA Reserve Fund and available to cure such deficiency.

### **Continuing Disclosure Tables under Covenant to Budget and Appropriate Debt**

The following tables can be found under the "Covenant to Budget and Appropriate Debt" Section of this Bond Disclosure:

- General Fund Statements of Revenues, Expenditures and Changes in Fund Balance
- Utilities Services Tax Fund Statements of Revenues, Expenditures and Changes in Fund Balance
- Calculation of Covenant Revenues and Anti-Dilution Test Limitation

### **Material Event Disclosures**

As of September 30, 2015 there have been no material event disclosures under the Contract Tourist Development Tax Payments Revenue Bonds, Series 2014A.

The Debt Service Schedule for the TDT Series 2014A Bonds is shown on the next page.

**CITY OF ORLANDO, FLORIDA**

**CONTRACT TOURIST DEVELOPMENT TAX PAYMENTS REVENUE BONDS, SERIES 2014A**

**SUMMARY OF DEBT SERVICE OBLIGATIONS TO MATURITY**

	<u>Principal</u>	<u>Interest</u>	<u>Debt Service</u>	<u>Annual Debt Service</u>
11/1/2015	\$ -	\$ 5,950,181.25	\$ 5,950,181.25	\$ 11,900,362.50
5/1/2016	-	5,950,181.25	5,950,181.25	
11/1/2016	1,000,000.00	5,950,181.25	6,950,181.25	12,900,362.50
5/1/2017	-	5,930,181.25	5,930,181.25	
11/1/2017	2,000,000.00	5,930,181.25	7,930,181.25	13,860,362.50
5/1/2018	-	5,880,181.25	5,880,181.25	
11/1/2018	3,000,000.00	5,880,181.25	8,880,181.25	14,760,362.50
5/1/2019	-	5,835,181.25	5,835,181.25	
11/1/2019	4,460,000.00	5,835,181.25	10,295,181.25	16,130,362.50
5/1/2020	-	5,734,681.25	5,734,681.25	
11/1/2020	4,660,000.00	5,734,681.25	10,394,681.25	16,129,362.50
5/1/2021	-	5,618,181.25	5,618,181.25	
11/1/2021	4,895,000.00	5,618,181.25	10,513,181.25	16,131,362.50
5/1/2022	-	5,501,306.25	5,501,306.25	
11/1/2022	5,130,000.00	5,501,306.25	10,631,306.25	16,132,612.50
5/1/2023	-	5,373,056.25	5,373,056.25	
11/1/2023	5,385,000.00	5,373,056.25	10,758,056.25	16,131,112.50
5/1/2024	-	5,238,431.25	5,238,431.25	
11/1/2024	5,655,000.00	5,238,431.25	10,893,431.25	16,131,862.50
5/1/2025	-	5,097,056.25	5,097,056.25	
11/1/2025	5,935,000.00	5,097,056.25	11,032,056.25	16,129,112.50
5/1/2026	-	4,941,262.50	4,941,262.50	
11/1/2026	6,250,000.00	4,941,262.50	11,191,262.50	16,132,525.00
5/1/2027	-	4,777,200.00	4,777,200.00	
11/1/2027	6,575,000.00	4,777,200.00	11,352,200.00	16,129,400.00
5/1/2028	-	4,604,606.25	4,604,606.25	
11/1/2028	6,920,000.00	4,604,606.25	11,524,606.25	16,129,212.50
5/1/2029	-	4,422,956.25	4,422,956.25	
11/1/2029	7,285,000.00	4,422,956.25	11,707,956.25	16,130,912.50
5/1/2030	-	4,231,725.00	4,231,725.00	
11/1/2030	7,665,000.00	4,231,725.00	11,896,725.00	16,128,450.00
5/1/2031	-	4,030,518.75	4,030,518.75	
11/1/2031	8,070,000.00	4,030,518.75	12,100,518.75	16,131,037.50
5/1/2032	-	3,818,681.25	3,818,681.25	
11/1/2032	8,495,000.00	3,818,681.25	12,313,681.25	16,132,362.50
5/1/2033	-	3,595,687.50	3,595,687.50	
11/1/2033	8,940,000.00	3,595,687.50	12,535,687.50	16,131,375.00
5/1/2034	-	3,361,012.50	3,361,012.50	
11/1/2034	9,410,000.00	3,361,012.50	12,771,012.50	16,132,025.00
5/1/2035	-	3,114,000.00	3,114,000.00	
11/1/2035	9,905,000.00	3,114,000.00	13,019,000.00	16,133,000.00
5/1/2036	-	2,866,375.00	2,866,375.00	
11/1/2036	10,400,000.00	2,866,375.00	13,266,375.00	16,132,750.00
5/1/2037	-	2,606,375.00	2,606,375.00	
11/1/2037	10,920,000.00	2,606,375.00	13,526,375.00	16,132,750.00
5/1/2038	-	2,333,375.00	2,333,375.00	
11/1/2038	11,465,000.00	2,333,375.00	13,798,375.00	16,131,750.00
5/1/2039	-	2,046,750.00	2,046,750.00	
11/1/2039	12,035,000.00	2,046,750.00	14,081,750.00	16,128,500.00
5/1/2040	-	1,745,875.00	1,745,875.00	
11/1/2040	12,640,000.00	1,745,875.00	14,385,875.00	16,131,750.00
5/1/2041	-	1,429,875.00	1,429,875.00	
11/1/2041	13,270,000.00	1,429,875.00	14,699,875.00	16,129,750.00
5/1/2042	-	1,098,125.00	1,098,125.00	
11/1/2042	13,935,000.00	1,098,125.00	15,033,125.00	16,131,250.00
5/1/2043	-	749,750.00	749,750.00	
11/1/2043	14,630,000.00	749,750.00	15,379,750.00	16,129,500.00
5/1/2044	-	384,000.00	384,000.00	
11/1/2044	15,360,000.00	384,000.00	15,744,000.00	16,128,000.00
	<u>\$ 236,290,000.00</u>	<u>\$ 230,583,356.25</u>	<u>\$ 466,873,356.25</u>	<u>\$ 472,823,537.50</u>

## CITY OF ORLANDO, FLORIDA

### STATE SALES TAX PAYMENTS REVENUE BONDS, SERIES 2008

#### INTRODUCTION

The City of Orlando State Sales Tax Payments Revenue Bonds, Series 2008, were issued to finance a portion of the construction of the Amway Center, which opened on October 1, 2010.

#### **Pledged Funds**

Pledged Funds means (i) the State Sales Tax Payments Revenue, and (ii) all moneys on deposit in the funds and accounts established under the Bond Resolution and investment earnings thereon, but excluding moneys on deposit in the Rebate Fund established in the Bond Resolution. The State Sales Tax Payments Revenue means all distributions to the City pursuant to the Sections 288.1162 and 212.20(6)(d)7.b., Florida Statutes, with respect to the “facility for a professional sports franchise” to be financed in part with the proceeds of the Series 2008 Bonds. Such distributions are derived from State sales tax revenues. As a condition precedent to the City’s receipt of the State Sales Tax Payments Revenue, the Office of Tourism, Trade, and Economic Development of the State must certify the Events Center as a facility for a new professional sports franchise. Such certification was received on November 30, 2007.

#### **Description of Sales Tax Revenues**

Section 212.05, Florida Statutes, as amended, imposes a 6% tax on the sales price of tangible personal property sold at retail in the State subject to certain exemptions therefrom. A similar tax is imposed on the cost price of tangible personal property when the property is not sold, but is used, consumed, distributed or stored for use or consumption in the State. The largest single source of tax receipts in the State is the sales and use tax.

Unless a transaction is specifically exempt, the State sales and use tax is applicable to sales of tangible personal property at retail in the State including the business of making mail order sales, the rental or furnishing of things or services taxable under Chapter 212, Florida Statutes, as amended, the storage for use or consumption in the State of any item or article of tangible personal property, and the lease or rental of such property within the State.

The Florida Department of Revenue (“FDOR”) shall pay over to the Chief Financial Officer of the State all funds received and collected by and under Chapter 212, Florida Statutes, as amended, and Sections 202.18(1)(b) and (2)(b), Florida Statutes, as amended, to be credited to the account of the State General Revenue Fund. Of those proceeds, \$166,667 shall be distributed monthly for 30 years to each applicant that has been certified as a “facility for a new professional sports franchise” pursuant to Section 288.1162, Florida Statutes, as amended. As described below, the Events Center has been certified as a “facility for a new professional sports franchise” under this statute.

The following Table reflects the collection and distribution of State sales and use tax revenues for the State fiscal years 2010-2017.

**CITY OF ORLANDO, FLORIDA**

**State of Florida  
Collection and Distributions of the  
General Sales and Use Tax  
State Fiscal Years 2010-2016  
(in thousands)**

State Fiscal Year Ended June 30	<u>Collections</u> <sup>1</sup>		<u>Distributions</u> <sup>1</sup>							
			State Transportation Trust Fund	Local Governments	Sports Facilities Transfer	Other Distribution After Sports Facilities Transfer				
2017 (2)	\$	26,048,900	\$	200	\$	2,823,300	\$	22,500	\$	23,202,900
2016 (2)		24,674,300		200		2,672,000		22,500		21,979,600
2015		23,640,150		-		2,533,321		22,731		21,084,098
2014		22,127,370		-		2,376,390		23,314		19,727,667
2013		20,686,375		-		2,226,904		23,272		18,436,198
2012		19,573,276		-		2,110,305		23,314		17,439,657
2011		18,697,073		-		2,018,169		23,731		16,655,173
2010		17,992,092		-		1,937,498		23,731		16,030,862

(1) Amounts collected for distribution are first deposited into the General Revenue Fund before deposits are transferred to other funds and expenses provided therein.

(2) Amounts for Fiscal Years 2016 and 2017 are estimates.

**Certification of Events Center**

The City received certification for the Events Center as a “facility for a new professional sports franchise” on November 30, 2007. Accordingly, pursuant to Section 212.20(6)(d)7.b, Florida Statutes, the City received its first monthly distribution of \$166,667 in February, 2008 and shall continue to receive such distributions monthly until January, 2038.

**Historical Collections of State Sales Tax Payments Revenue**

The City continues to receive \$166,667 monthly from the State. These funds are deposited into the debt service fund for the Series 2008 Bonds and used to make debt service payments when due.

**CITY OF ORLANDO, FLORIDA**

**STATE SALES TAX PAYMENTS REVENUE BONDS  
SUMMARY OF DEBT SERVICE OBLIGATIONS TO MATURITY**

<u>Period Ending</u>	<u>Principal</u>	<u>Interest</u>	<u>Debt Service</u>	<u>Annual Debt Service</u>
February 1, 2016	\$ 340,000	\$ 659,891	\$ 999,891	\$ 1,996,383
August 1, 2016	345,000	653,091	998,091	
February 1, 2017	350,000	646,191	996,191	1,994,283
August 1, 2017	360,000	639,191	999,191	
February 1, 2018	365,000	631,991	996,991	1,996,183
August 1, 2018	375,000	624,235	999,235	
February 1, 2019	380,000	616,266	996,266	1,995,501
August 1, 2019	390,000	607,954	997,954	
February 1, 2020	400,000	599,423	999,423	1,997,376
August 1, 2020	405,000	590,423	995,423	
February 1, 2021	415,000	581,310	996,310	1,991,733
August 1, 2021	425,000	571,713	996,713	
February 1, 2022	435,000	561,885	996,885	1,993,598
August 1, 2022	445,000	551,663	996,663	
February 1, 2023	455,000	541,205	996,205	1,992,868
August 1, 2023	465,000	530,285	995,285	
February 1, 2024	480,000	519,125	999,125	1,994,410
August 1, 2024	490,000	507,125	997,125	
February 1, 2025	505,000	494,875	999,875	1,997,000
August 1, 2025	515,000	482,881	997,881	
February 1, 2026	525,000	470,650	995,650	1,993,531
August 1, 2026	540,000	458,181	998,181	
February 1, 2027	550,000	445,356	995,356	1,993,538
August 1, 2027	565,000	432,294	997,294	
February 1, 2028	580,000	418,875	998,875	1,996,169
August 1, 2028	595,000	404,375	999,375	
February 1, 2029	610,000	389,500	999,500	1,998,875
August 1, 2029	625,000	374,250	999,250	
February 1, 2030	640,000	358,625	998,625	1,997,875
August 1, 2030	655,000	342,625	997,625	
February 1, 2031	670,000	326,250	996,250	1,993,875
August 1, 2031	690,000	309,500	999,500	
February 1, 2032	705,000	292,250	997,250	1,996,750
August 1, 2032	725,000	274,625	999,625	
February 1, 2033	740,000	256,500	996,500	1,996,125
August 1, 2033	760,000	238,000	998,000	
February 1, 2034	780,000	219,000	999,000	1,997,000
August 1, 2034	800,000	199,500	999,500	
February 1, 2035	820,000	179,500	999,500	1,999,000
August 1, 2035	840,000	159,000	999,000	
February 1, 2036	860,000	138,000	998,000	1,997,000
August 1, 2036	880,000	116,500	996,500	
February 1, 2037	905,000	94,500	999,500	1,996,000
August 1, 2037	925,000	71,875	996,875	
February 1, 2038	1,950,000	48,750	1,998,750	2,995,625
Totals	<u>\$ 27,275,000</u>	<u>\$ 18,629,204</u>	<u>\$ 45,904,204</u>	<u>\$ 46,900,696</u>



**CITY OF ORLANDO, FLORIDA**



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**PROVIDE MOBILITY AND TRANSPORTATION OPTIONS**



MULTIMODAL TRANSPORTATION

- Creating a more bike friendly City
- Opened SunRail
- Installing Smart Meters
- Renovating our historic Amtrak station
- Expanding our airport service
- Expanding LYMMO
- Improving I-Drive
- Orlando Walks



BIKE TRAILS

**LOOKING AHEAD  
TRANSPORTATION IN ORLANDO**

- Orlando International Airport Intermodal Terminal Facility
- Colonial Drive Pedestrian Overpass
- Modernize our parking garages
- Create a complete streets policy
- Move from a Bronze to Silver bicycle friendly city
- Expand SunRail
- Add 20 miles of sidewalks
- More wayfinding signs on our trails
- Create a Quiet Zone along the SunRail corridor
- Add repair stations for cyclists
- All Aboard Florida



Of our traditional City population lives within walking distance to a transit corridor.



AMTRAK RESTORATION



CITY OF ORLANDO

**DEBT MANAGEMENT POLICY**

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**CITY OF ORLANDO  
DEBT MANAGEMENT POLICY**

**I. Introduction**

This Debt Management Policy is intended to (a) set forth guidelines under which the City's debt management program shall be administered, (b) set appropriate targets and boundaries for the City's current debt program, and (c) ensure that future generations of elected officials have reasonable latitude to address the financial circumstances of their tenure. This Debt Management Policy, as amended and adopted by City Council annually, sets forth the goals and objectives of the program and authorizes the City's Finance Committee to further define targets and benchmarks within these parameters. The City's original Debt Management policy was adopted by City Council on October 4, 1994.

**II. Scope**

This Debt Management Policy shall apply to all debt issued by the City and the Community Redevelopment Agency on behalf of the citizens, ratepayers and taxpayers of the City of Orlando.

**III. Objectives**

The objectives of this Debt Management Policy are as follows:

A. Balance multiple financial management objectives, including:

1. Creativity: examine new or different means to achieve established objectives at the lowest possible cost;
2. Innovation: address, consider or conceive new financing options which are either developed in the City's traditional municipal markets or adaptable from other existing financial markets;
3. Flexibility: retain the City's current and future options to meet the financing challenges of the City;
4. Responsibility: be fair, reasonable and equitable to each generation of taxpayers, ratepayers, users and other beneficiaries when distributing the debt burden or costs of government;
5. Corporate Image: act as a good corporate citizen, to maintain or enhance the City's credit worthiness and reputation and to ensure the trust of those who have or will purchase the City's debt or other forms of borrowing; and
6. Due Care: pay timely attention to and comply with each and all of the agreements, laws, contracts, covenants, policies and obligations which make up or are related to the City debt management program(s).

B. Define and categorize the City's current debt programs as governmental or proprietary within the self-supporting and non-self supporting categories.

- C. Enhance the City's ability to access the credit markets and enhance or maintain the credit ratings for each of its programs.
- D. Address the purpose, use and advantages of the City's Internal Loan Fund program, as it is appropriately integrated into the City's overall debt management program.
- E. Evaluate each of the following in anticipation of new borrowing initiatives:
  - 1. Appropriate final maturity (1 to 30 years);
  - 2. Principal Amortization pattern (e.g., level principal, level debt service, etc.);
  - 3. Use of long-term fixed, intermediate term fixed or variable rate debt pricing options, and
  - 4. Use of risk management techniques (caps, swaps, floors, collars, etc.) to manage the City's variable rate risk exposure consistent with the City's Interest Rate Risk Management Products Policy.
- F. Identify appropriate debt constraints or limits in an effort to ensure adequate flexibility for future generations of elected officials;
- G. Provide for changes in targets and amendments to this Policy which can be approved by the Finance Committee and City Council, and an appropriate time frame to implement such changes.
- H. Provide a framework within which the City's corporate styled Debt Management Program can effectively operate.
- I. Provide for the publication of a Bond Disclosure Supplement that reports on the status of the City's debt management programs.

**IV. Categorize Debt Program(s)**

The City shall periodically establish standards for and classify each of the City's debt programs into one of the following:

- A. Self-Supporting Debt:
  - 1. Proprietary operations
    - i) Wastewater
    - ii) Parking
  - 2. Other Governmental (Non-General Fund revenues)
    - i) Community Redevelopment Agency (CRA)
    - ii) Special Assessment and Tax-Increment
    - iii) State Sales Tax Payments Revenues Bonds
    - iv) Contract Tourist Development Tax Payments Revenue Bonds
- B. Non Self-supporting Debt:
  - 1. Proprietary operations

2. General Governmental (including the General Fund)
  - i) Covenant Program
  - ii) General Obligation

This distinction recognizes that self-supporting proprietary programs do not directly or indirectly place a burden on taxpayers in the form of increased taxes. As long as each system's user rates meet the needs of both operations and debt service, the debt program is not considered part of either the General Government or Tax-Supported Debt of the City.

Having made these classifications, the Mayor and City Council shall commit to:

- A. Act with regard to self-supporting proprietary operations, when necessary, to increase rates to ensure that each operation maintains rate coverages (revenue to debt service ratios) as required by the higher of either City policy or related debt covenants.
- B. Limit the level of annual debt service as a percentage of available annual revenues to ensure a reasonable ability to address recurring operations and maintenance and/or capital requirements on a pay-as-you-go basis for all self-supporting governmental operations.
- C. Establish the annual subsidy required and compare it to the actual subsidy needed for all non self-supporting proprietary operations.
- D. Adhere to debt limits established herein to ensure current and future flexibility for all Non Self-Supporting Debt.

**V. Manage the Use/Commitment of Pledgable Resources**

- A. The City uses its Covenant Program as the primary financing mechanism and security source used to finance general government capital projects.
- B. The City recognizes that pledgable revenue sources are limited. The City will treat the use of each as a deployment of a scarce resource, and careful attention will be focused on balancing future flexibility with the need to consume scarce resources. The use of scarce resources as a secondary pledge should be thoughtfully addressed, used strategically, and, wherever possible, be:
  1. Limited to specific dollar amounts, and
  2. Subject to recapture, if and when the primary revenue pledge demonstrates sufficient strength on its own.

**VI. Measuring Interperiod Equity**

When measuring its commitment to its infrastructure and related service delivery potential, the City shall address both its capital and operating and maintenance requirements. For purposes of this policy, the City shall focus on its capital portion. When measuring interperiod equity, the City must consider the need to allocate the burden between generations and, more specifically, fiscal periods. The City will seek to measure the impact of proposed capital funding sources (debt and Pay-As-You-Go) for both a single year and longer-term forward forecasts. This future capacity analysis

shall consider debt service maturities and payment patterns as well as the City's commitment to a Pay-As-You-Go budgetary capital allocation.

## **VII. Maintaining/Improving Credit Ratings**

The City shall strive to maintain its Ratings and enhance the overall credit standing of not only its general credit, but also, each of its specific debt programs. When addressing efforts to enhance its current ratings, the City will seek to balance its current flexibility (and related ability to meet the challenges facing the community) with potential limitations or restrictions which may be required to enhance a bond rating. In light of the then current market conditions, the City will have to judge the enhanced market advantage of a projected rating by program against the potential loss of flexibility which may be necessary to achieve the rating enhancement. The City's current ratings are regularly published by the Rating Agencies and are summarized annually in the City's Bond Disclosure Supplement.

The need for three ratings and merit of various rating services' ratings may be judged (a) at the time and in the circumstances of the contemplated issue and (b) in the perspective of the City's overall programs.

## **VIII. The Internal Loan Fund**

In 1986-87, the City created its Internal Loan (banking) Fund as a conduit device to distribute the debt proceeds which it initially received from the Sunshine State Governmental Financing Commission (SSGFC) into loans to various operating funds of the City. In 1991, the City established its current Covenant Program, which is used as the primary funding source for the Internal Loan Fund and incorporated the pledge associated with the SSGFC.

The goal of the Internal Loan Fund is to provide funding for various projects around the City, with flexibility of loan terms and a low, blended interest rate. The blended loan rate is achieved through a mix of variable, medium-term, and long-term Covenant backed debt instruments. In general, loan repayment schedules are established that are shorter than bond repayment provisions, in order to provide the City an internal and revolving source of capital financing without needing to access the public markets for small projects.

Loans are provided to both proprietary and non-proprietary operations. Loan repayments from proprietary operations are subordinate to revenue bond debt issued for and secured by proprietary funds.

## **IX. Criteria for Evaluating Debt Options**

The City Council has authorized the Finance Committee to establish specific target benchmarks for potential exercise of debt options. Further, within the framework established by the goals, objectives and established target benchmarks, City Council authorizes the Chief Financial Officer to act on behalf of the City, in a manner intended to lower the effective cost of debt to the taxpayers and citizens of Orlando. With regard to this delegation of authority, both to the Finance Committee and ultimately to the Chief Financial Officer, the following criteria for evaluating debt options has been established:

### **A. Maturity Analysis**



For self-supporting proprietary operations, the primary strategy is to use a long-term level debt service maturity structure. To the extent that shorter maturities or alternative amortization strategies are utilized in an effort to reduce the effective borrowing costs, a comparative advantage must be considered in relationship to the potential negative impacts on user rates and charges.

For all other categories of debt, the City may consider opportunities to either shorten maturities or alter amortization structures. A level principal structure may be considered versus level debt service generally as long as the structure does not increase the maximum annual debt service by more than 25%. Additionally, the City should consider a level principal maturity structure compared to shorter maturity level debt service structure when maximum annual debt service is similar.

## **B. Market Options**

### **(i). Election to Issue Fixed Rate Debt**

The City has available to it two separate fixed rate programs: long-term Fixed Rate Debt and Medium Term Notes. Fixed Rate Debt is the traditional way municipalities have issued debt-- debt is offered to investors with a fixed maturity schedule at rates fixed in a single offering. Long-term Fixed Rate Debt issuance should be based upon a consideration of the following factors: (a) the level of long-term rates at the time of issuance versus the last 3 to 10 years, (b) a short to intermediate range forecast for long term rates, (c) the ratio of short-term (or variable rate) debt to current program debt outstanding and/or (d) the amount of Variable Rate Debt outstanding by program.

The City issued its first series of Medium Term Notes in 2002. This issue of Medium Term Notes was sold to investors with an initial amortization schedule of 2 to 12 years. As the individual principal amounts come due, the City re-offers the debt on a 1 to 15 year maturity basis until the designated final maturity. The benefit of the Medium Term Note structure is that the City prices its debt in the lower interest rate portion of the yield curve. The risk to the City of this structure is primarily the risk that interest rates will rise in successive re-offerings at a level sufficient to offset the initial interest savings. Including Medium Term Notes in the City's overall debt profile is part of the goal to achieve a balanced portfolio, and the City should consider issuing Medium Term Notes under circumstances where the structure is expected to provide the City with a lower cost of capital compared to long-term fixed rate debt using a breakeven rate analysis. The City should limit the amount of Medium Term Note issuance consistent with rating agency and bond insurer guidelines. The City currently limits the amount of Medium Term Note total maturities in any one year to (a) an amount not greater than 200% of the liquidity portion of the City's investment portfolio as of April 1<sup>st</sup>, and (b) not to exceed \$12 million. In addition, this limit may be raised up to \$20 million if a liquidity facility is provided for 50% of the amount of total maturities in any single year.

### **(ii). Election to Issue Variable Rate**

Issuing Variable Rate Debt permits the City to access rates on the very short end of the yield curve. The difference in short versus long-term rates varies with the shape of the yield curve and has typically ranged from 100-350 basis points (or 1.0% to 3.5%). By issuing Variable Rate Debt, the issuer is subject to interest rate risk. However, Variable Rate Debt has historically been at lower interest rate levels than recognized fixed rate indices, and is generally able to create a natural hedge against changes in the City's Short-Term Investment portfolio.

Variable Rate Debt should be used for two purposes: (1) as an interim financing device (during construction periods) and (2), subject to limitations, as an integral portion of a long-term strategy to lower the City’s effective cost of capital. The City’s interim variable rate program allows the City to avoid the inefficiency of borrowing for small projects and allows for an aggregation of small projects and, thus, a more cost effective debt management program. Under either circumstance, when the cycle of long-term rates moves down to or near historic lows, consideration should be given to fixing (converting to a fixed rate to maturity alternative) a portion of the then outstanding Variable Rate Debt to take advantage of the attractive long-term fixed rates.

(iii). **Hedging Election**

The City’s Interest Rate Risk Management Products Policy provides guidelines for any hedging the City’s Variable Rate Debt exposure.

(iv). **Debt Program Targets**

In general, the City seeks to lower its overall cost of funds through an issuance of Variable Rate Debt and Medium Term Notes since these products are generally lower than fixed rates of interest. In addition, the Variable Rate Debt would simultaneously create a hedge against its variable rate investments to protect its financial condition in lower interest rate environments. The potential savings and benefits justify interest rate exposure as long as the risk is mitigated by limiting the amount of the Net Variable Rate Debt. In considering Net Variable Rate Debt, the rating agencies generally recognize the issuer’s ability to match its assets and liabilities and generally exclude or net variable rate debt equal to (i) certain variable rate assets and (ii) applied Debt Hedging Products such as interest rate caps and swaps where appropriate. The following targets are established for the overall City’s debt portfolio, including all Self-Supporting Debt and Non Self Supporting Debt:

**Overall City and CRA Debt**

<b>Overall City and CRA</b>	<b>Targets</b>
• Fixed Rate	
• Goal	50-60%
• Unhedged or Net Variable Rate:	
• Goal	25-35%
• Maximum	40%

**Covenant Program**

The following targets are established for the Covenant Program:

<u>Covenant Program</u>	<u>Targets</u>
<ul style="list-style-type: none"> <li>• Fixed Rate               <ul style="list-style-type: none"> <li>• Goal</li> </ul> </li> </ul>	40-50%
<ul style="list-style-type: none"> <li>• Unhedged or Net Variable Rate:               <ul style="list-style-type: none"> <li>• Goal</li> <li>• Maximum</li> </ul> </li> </ul>	25-35% 50%
<ul style="list-style-type: none"> <li>• Composite rate advantage when compared to Bond Buyer’s Revenue Bond Index (measured as an average of available rates over the last three years) of at least:</li> </ul>	50-75 b.p.

**Other Debt Program Targets**

In addition to the aforementioned targets for the overall City and CRA debt, and the Covenant Program, specific targets regarding the limits on unhedged or Net Variable Rate Debt exposure for the senior debt of each separate borrowing program are set forth below:

<u>Other Debt Programs</u>	<u>Target Maximum Net Variable Rate Debt (1) Exposure</u>
Wastewater	35%
Parking	15%
CRA (Downtown District)	15%
Special Assessment	N/A
State Sales Tax Payments	N/A
Contract TDT Payments	N/A
New Debt Programs:	TBD.

(1) The maximum Net Variable Rate Debt exposure limits have been established in recognition of each program’s variable rate exposure associated with the Internal Loan Fund exposure. The City’s Wastewater program does not currently have Internal Loan Fund exposure and therefore, a higher maximum is more appropriate compared to the Parking and the CRA (Downtown District) Programs which have Internal Loan Fund (subordinate lien) variable rate exposure.

(v). **Refunding Options**

Targets for a Fixed Rate Debt to Fixed Rate Debt refunding should include the following criteria:

1. Maximum true interest cost
2. Minimum economic present value of at least 5% of refunded bonds,
3. Minimum annual average debt service savings of at least \$100,000.

Lower net present value cost savings and annual average debt service savings criteria may be appropriate for shorter term or smaller fixed rate refunding issues.

Refunding Variable Rate Debt to Fixed Rate Debt cannot provide for the similar measurable benchmarks and should be based on the aforementioned Election to Issue Fixed Rate Debt criteria.

Refunding of Variable Rate Debt to Variable Rate Debt should be based primarily on the economic or structured advantages of the new program.

Criteria and savings targets associated with Synthetic Refundings that are consistent with the provisions of the City's Interest Rate Risk Management Policy, should be established on a case-by-case basis and should generally be higher (more restrictive) than the criteria for Fixed Rate Debt refundings.

While a framework (a delegation of authority) has been established regarding the management of the City's debt portfolio, specific City Council approval is still required prior to the issuance of any new debt. Once the City Council has approved a refunding (revenue source, structure and target benchmark), the Finance Committee may act to adjust the target benchmarks, within the goals and objectives framework, to address changing market conditions.

## **X. Measures of Future Flexibility**

As the City addresses its needs at any one period in time, the Mayor and City Council must both be prepared to ensure the flexibility of this and future generations of elected officials to meet the then present needs and challenges which face the community. Since neither State law nor the City Charter provide any fixed limits on the amount of debt which may be incurred (other than the requirement to have General Obligation debt approved in advance by referendum), the following targets or limits are established to ensure future flexibility. The following goals/targets are set to ensure the current and future flexibility, and financial vitality of the City.

<u>Description</u>	<u>Targets</u>
General Government Debt Service as a percentage of non-ad valorem General Fund expenditures:	
• Debt Limit (within the covenant program limitation)	20% max.
• Goal/Target	10% max.
Weighted Average Maturity of Debt Program(s):	
• Self-supporting Proprietary Operations	15 year max.
• Self-supporting Other Governmental	25 year max.
• Non self-supporting	20 year max.
Weighted Average Maturity of Internal Loan Program	12 year max.
General Government Direct Debt per capita	\$1,375 max.
Net Direct Tax Supported Debt as a percentage of ad valorem property values:	
• General Government	2.5% max.
• Total Tax Supported	3.5% max.
Debt Service requirement as a percentage of a new governmental revenue stream that is dedicated for capital and operations	50% max.
General Fund reserve, (as a percentage of the current year's operating budget)(a)	15% to 25%

(a) Includes City's Utility Services Tax reserves.

While the City currently operates well within these targets/goals, it is appropriate to use these various common measures of debt burden as a means of setting parameters for the overall City's Debt Management Program.

## **XI. Monitoring, Reporting, Amendments and/or Exceptions**

The Chief Financial Officer shall monitor the actual results against the targets presented in this policy and shall publish a comparison of the targets against the fiscal year end numbers in the City's Bond Disclosure Supplement. The report will include the following information, to the extent applicable:

- A. Debt Program Targets, and
- B. Measures of Future Flexibility Targets;

From time to time, circumstances may suggest that an exception be approved to one or more of the policy constraints established herein. Amendments and/or exceptions must be submitted through the Finance Committee to the City Council and shall become effective only after approved by the City Council.

As is established in the policy governing the Finance Committee, within the guidelines established by the goals/policies and objectives/strategies, the Finance Committee can establish and amend, where necessary, the target benchmarks which further define the aggregate guidelines within which the Chief Financial Officer operates.

**XII. Debt Management Policy Review and Modification**

The City's Debt Management Policy will be submitted by the Finance Committee for annual ratification by the City Council by May 1<sup>st</sup> of each year. The authority to effect any change, modification or amendment of this Debt Management Policy shall rest solely with the City Council. The Finance Committee and staff recommendations for policy changes may be submitted in conjunction with the annual ratification or more often as deemed necessary. Policy changes initiated by City Council may be made as deemed appropriate. Policy changes will become effective on the date stipulated by City Council.

**XIII. Time-Line for Implementation of Amendments**

Considering the then current position of the interest rate curve, recent movements and indication of possible short term direction, the City shall consider a reasonable time-line(s) to bring the then current debt program in line with amendments to this Debt Management Policy.

**XIV. Effective Date**

The City's Debt Management Policy was ratified and approved by the City Council on March 28, 2016.

## **Glossary of Key Terms**

“Amortization” means the schedule of debt principal to be paid over a period of time.

“Banking Fund” See “Internal Loan Fund”.

“Bond Disclosure Supplement” The City’s annual report which provides market disclosure relating to the City’s debt offerings.

“Covenant Program” means the City’s debt program that is secured by covenant to budget and appropriate from non-ad valorem revenues and encompasses all debt that is defined as Covenant Obligations under the City’s Covenant Ordinance.

“Debt Hedging Products” means interest rate risk mitigation products such as swaps, caps, floors, collars and options in connection with the incurrence of City debt obligations.

“Debt Service” means scheduled payments of interest and principal on debt obligations.

“Fixed Rate Debt” means a debt obligation issued with a predetermined interest rate.

“General Government Debt” means all Non Self Supporting debt. These are the programs whose expenditures for debt service are in direct competition with other General Fund expenditures (salaries, utilities, supplies, etc.).

“Hedged Variable Rate Debt” total variable rate debt less any associated Debt Hedging Products and allocated Short-Term Investments.

“Internal Loan Fund” means a conduit financing device to distribute proceeds of debt into loans to various operating funds of the City. The goal of Internal Loan Fund is to provide funding for various projects around the City, with flexibility of loan terms and low, blended rate. The blended loan rate is achieved through a mix of variable, medium-term, and long-term Covenant backed debt instruments. In general, loan repayment schedules are established that are shorter than bond repayment provisions, in order to provide the City a revolving source of capital financing without needing to access the public markets for each capital need.

“Maturity” means the length of time until the principal amount of a bond must be repaid.

“Medium Term Loans” means debt issued with a fifteen year or less maturity that is Designated Maturity Debt as defined in the Covenant Program. See above, IX. Criteria for Evaluating Debt Options, B. Market Options, (i) Election to Issue Fixed Rate Debt.

“Net Variable Rate Debt” means total Variable Rate Debt less Hedged Variable Rate Debt.

“Non-Self Supporting Debt” means any indebtedness of the City other than Self Supporting Debt

“Pay-As-You-Go” refers to the payment of capital projects or other non operating projects using non-capitalized revenues.

“Present Value” means the amount that a future sum of money is worth today given a specified rate of return.

"Ratings" means ratings that are issued by Moody's Investors Service, Fitch and Standard & Poor's Corporation and any other nationally recognized rating agency, to the extent they have in effect a rating on City debt.

"Self Supporting Debt" means any indebtedness of the City for borrowed money that is either (a) secured by or payable exclusively from a source of revenues other than Covenant Revenues, or (b) primarily payable from revenues of the type described in clause (a) above and secondarily from Covenant Revenues if the Covenant Revenues have not been used (or, as provided below, deemed to have been used) to pay any portion of such indebtedness for the three Fiscal Years preceding the date of determination and if the City projects that the Covenant Revenues will not be so used during the next two Fiscal Years; and either (c) that is secured by a revenue source that has been in effect for at least three Fiscal Years and that would have provided coverage of at least 125% of the average annual debt service on such obligations secured by such revenue source in each of the three preceding Fiscal Years or, (d) if the revenue source has not been in existence for at least three Fiscal Years, that is secured by a revenue source that would have provided coverage of at least 150% of the average annual debt service on such obligations secured by such revenue source in at least the last full Fiscal Year preceding the issuance of such obligations and that is projected to provide at least 150% debt service coverage (based on revenue and debt service projections by the City) in each of the three ensuing Fiscal Years; and (e) in any such case, in the three preceding Fiscal Years, no debt service on which has been paid (or, as provided below, deemed to have been paid) from Covenant Revenues deposited in the General Fund or the Utilities Services Tax Fund. For purposes of calculating the coverage requirements described in this definition, the historical and projected receipts of a particular revenue source shall be adjusted retroactively to the initial date of the calculation period to reflect changes in rates, levies or impositions enacted prior to the date of calculation. For purposes of this definition, Covenant Revenues will be deemed to have been used to pay debt service on any debt if Covenant Revenues have been transferred in the relevant period, other than pursuant to a Capital Transfer, to a fund or account used to pay debt service on such debt.

"Synthetic Refundings" means refunding transactions that include the use of interest rate risk management products such as swaps, caps, floors, collars and options.

"Short-term Investments" means liquid investment assets of the City.

"Tax-Supported Debt" means General Government Debt programs plus Other Governmental Self-Supporting Debt. This creates two categories of debt which place direct or indirect burden on the taxpayers of the City.

"Unhedged Variable Rate Debt" means Net Variable Rate Debt.

"Variable Rate Debt" means debt obligations entered into that use a variable, auction reset, adjustable, convertible or other similar interest rate which is not fixed in percentage at the date of issue.



**CITY OF ORLANDO  
DEBT MANAGEMENT POLICY**

**DEBT POLICY COMPLIANCE**

**Overall City and CRA Debt**

The table below demonstrates the City and CRA outstanding debt compared to the targets set forth in the Debt Management Policy for both the Fixed Rate and Net Variable Rate components.

<u>Overall City and CRA</u>	<u>Targets</u>	<u>Actual 9/30/15</u>
<ul style="list-style-type: none"> <li>• Fixed Rate                             <ul style="list-style-type: none"> <li>• Goal</li> </ul> </li> </ul>	50-60%	91%
<ul style="list-style-type: none"> <li>• Unhedged or Net Variable Rate:                             <ul style="list-style-type: none"> <li>• Goal</li> <li>• Maximum</li> </ul> </li> </ul>	25-35% 40%	9%

**Covenant Program**

The following table shows the debt targets for the Covenant Program as well as the actual debt result for each category as of September 30, 2015.

<u>Covenant Program</u>	<u>Targets</u>	<u>Actual 9/30/15</u>
<ul style="list-style-type: none"> <li>• Fixed Rate                             <ul style="list-style-type: none"> <li>• Goal</li> </ul> </li> </ul>	40-50%	68%
<ul style="list-style-type: none"> <li>• Unhedged or Net Variable Rate:                             <ul style="list-style-type: none"> <li>• Goal</li> <li>• Maximum</li> </ul> </li> </ul>	25-35% 50%	32%
<ul style="list-style-type: none"> <li>• Composite rate advantage when compared to Bond Buyer's Revenue Bond Index (measured as an average of available rates over the last three years) of at least:</li> </ul>	50-75 b.p.	169 b.p.

**Other Debt Program Targets**

The following table indicates the compliance with the Debt Policy for the non-covenant debt programs of the City, including the CRA. The Covenant Program is the only program that has variable rate exposure in its senior level debt.

<u>Other Debt Programs</u>	<u>Maximum Net Variable Rate Debt Exposure</u>	<u>Actual Variable Rate Debt 9/30/15</u>	
		<u>Total</u>	<u>Unhedged</u>
Wastewater	35%	0%	0%
Parking	15%	0%	0%
CRA (Downtown District)	15%	0%	0%
Special Assessment	N/A	N/A	N/A
New Debt Programs:	TBD	N/A	N/A

**CITY OF ORLANDO  
DEBT MANAGEMENT POLICY**

**Measures of Future Flexibility**

Neither State law nor the City Charter provide any fixed limits on the amount of debt which may be incurred (other than the requirement to have G.O. debt approved in advance by referendum). However, the following targets or limits are established in the Debt Policy to ensure the City's future financial flexibility.

<u>Description</u>	<u>Targets</u>	<u>Actual</u> 9/30/2015
General Government Debt Service as a percentage of non-ad valorem General Fund expenditures:		
• Debt Limit (within the covenant program limitation)	20% max.	8.4%
• Goal/Target	10% max.	
Weighted Average Maturity of Debt Program(s):		
• Self-supporting Proprietary Operations	15 year max.	15.8
• Self-supporting Other Governmental	25 year max.	11.2
• Non self-supporting	20 year max.	11.6
Weighted Average Maturity of Internal Loan Program	12 year max.	9.9
General Government Direct Debt per capita	\$1,375 max.	\$1,419
Net Direct Tax Supported Debt as a percentage of ad valorem property values:		
• General Government	2.5% max.	1.9%
• Total Tax Supported	3.5% max.	2.9%
Debt Service requirement as a percentage of a new governmental revenue stream that is dedicated for capital and operations	50% max.	N/A
General Fund reserve, (as a percentage of the current year's operating budget)	15% to 25%	24.7%(a)

(a) Includes the City's Utility Services Tax reserves.



CITY OF ORLANDO

**INTEREST RATE RISK MANAGEMENT  
PRODUCTS POLICY (DERIVATIVES POLICY)**

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## **CITY OF ORLANDO**

### **INTEREST RATE RISK MANAGEMENT PRODUCTS POLICY (DERIVATIVES POLICY)**

#### **I. Introduction**

The Interest Rate Risk Management Products Policy (Derivatives Policy) has been developed to provide guidelines for the use of interest rate risk management products such as swaps, caps, floors, collars and options in connection with the incurrence of debt obligations included in the City of Orlando (the “City”) Debt Management Policy (see attached Glossary for further definitions of terms). While the use of these financing products can reduce the City’s exposure to interest rate risk on its variable rate debt, careful monitoring of such products is required to preserve the City’s credit strength and budget flexibility.

This policy describes the circumstances and methods with which interest rate risk management products can be used, the guidelines that will be imposed on them, and who in the City is responsible for implementing these policies. In evaluating a particular transaction involving the use of derivative financing products, the Chief Financial Officer will review the long-term implications associated with entering into such agreements, including costs of borrowing, historical interest rate trends, variable rate capacity, credit enhancement capacity, opportunities to refund related debt obligations and other similar considerations.

#### **II. Scope of Policy**

This derivative products policy shall apply to all swaps, caps, collars, floors, options, or any other interest rate risk mitigation product used to manage the debt of the City of Orlando.

#### **III. Interest Rate Risk Mitigation Objectives**

The objectives for which the City will consider the use of these products are as follows:

- A. Hedging Strategy - To prudently reduce exposure to changes in interest rates in the context of a particular financing or the overall asset/liability management of the City; or
- B. Reduce Cost - To achieve a lower net cost of borrowing with respect to the City’s debt.

#### **IV. No Speculation**

Interest rate risk mitigation products will not be used for speculative purposes.

#### **V. Form of Agreements**

To the extent possible, Agreements entered into by the City will contain the terms and conditions set forth in the International Swap and Derivatives Association, Inc. (“ISDA”) Master Agreement, including any schedules and confirmation. However, the City reserves the right to amend these terms and conditions including the remedies and obligations as is appropriate to benefit the City. The schedule may be modified to reflect specific legal requirements, business terms and changes to the remedies and obligations as determined by the Chief Financial Officer. The Chief Financial Officer will consider whether to include provisions that permit it to assign its rights and obligations under Agreements and to optionally terminate the Agreement at its market value at any time. The counterparty shall not have the right to optionally terminate an agreement. The Chief Financial Officer will transmit the proposed form of Agreements to the Finance Committee and forward a request for authorization from City Council and the Mayor to approve and execute these Agreements within parameters delegated to the Chief Financial Officer.

## **VI. Methods to Solicit and Procure Interest Rate Swaps**

The Chief Financial Officer will solicit and procure Agreements by competitive bid whenever feasible. The Chief Financial Officer will pre-qualify financial institutions as potential counterparties using the City's investment banking team and current counterparties to participate in a competitive transaction, but these parties must conform to the minimum credit standards outlined in this Policy.

Notwithstanding the above, the Chief Financial Officer may procure Agreements by negotiated methods if it is determined that due to the size or complexity of a particular transaction competitive bidding is undesirable, impractical or impossible and a negotiated transaction would result in the most favorable pricing. Such finding will be based on advice by an independent financial advisory firm and with the assistance of appropriate legal counsel. In this situation, the Chief Financial Officer should attempt to price the products based upon an agreed-to methodology relying on available pricing screens to obtain inputs to a mathematical model. If appropriate, the Chief Financial Officer should use an independent financial advisory firm to assist in the price negotiations.

Regardless of the method of procurement, the Chief Financial Officer will obtain a finding from an independent financial advisory firm that the terms and conditions of Agreements reflect a fair market value of such Agreement as of the date of its execution.

## **VII. Aspects of Risk Exposure**

Before the City enters into an Agreement, the Chief Financial Officer will evaluate the risks inherent in the transaction. The risks to be evaluated could include amortization risk, basis risk, counterparty risk, interest rate risk, rollover risk, tax event risk and termination risk. Identification of the risks and discussion of the means, if any, employed to mitigate the risks will be contained in the Chief Financial Officer's report recommending approval of the Agreements to the Finance Committee, Mayor and City Council.

- A. Counterparty Risk – Counterparty risk is the risk that the counterparty will not fulfill its contractual obligations. Counterparty risk includes the risk of an occurrence of an event modifying the credit rating of the counterparty and the failure of the counterparty to make its required payments. Certain interest rate risk management products create a continuing exposure to the creditworthiness of financial institutions that serve as the City's counterparties on such transactions. The Chief Financial Officer will endeavor to minimize counterparty risk by establishing strong minimum counterparty credit standards and diversifying the City's exposure to counterparties. To that end, before entering into a transaction, the Chief Financial Officer will analyze the City's existing exposure to that counterparty and then determine how the proposed transaction would affect the exposure.
- B. Basis Risk - Basis risk refers to the mismatch between the actual variable rate debt service and variable rate index used to determine the swap payments. The Chief Financial Officer will evaluate different swap indices as part of the analysis of the proposed agreement and identify the amount of basis risk that may result from various indices. Tax Events Risk, a form of basis risk, is the risk created by potential changes to the Federal and State income tax codes on the interest rates to be paid by the City on its variable rate bonds. The Chief Financial Officer will evaluate the potential impact of changes in marginal tax brackets as part of its analysis of basis risk.
- C. Termination Risk – Termination risk refers to the possibility that, upon a default by the counterparty, the City may be required to make a large payment to the counterparty if the Agreement is terminated prior to its scheduled maturity pursuant to its terms. For certain types of Agreements, a payment by the City may be required if interest rates have fallen causing the market value of the remaining payments to be in favor of the counterparty. Chief Financial Officer will minimize termination risk by recommending to the Mayor and City Council the selection of counterparties with strong creditworthiness, under certain circumstances requiring the counterparty to post collateral in excess of the Agreement's market value, limiting the circumstances where a payment may be required and permitting the assignment of the Agreement to a creditworthy entity in lieu of termination.
- D. Rollover Risk – Rollover risk refers to the potential need to find a replacement counterparty as part of the overall plan of finance if the interest rate swap does not extend to the final maturity of

the underlying variable rate bonds. The rollover risk can be minimized through the initial plan of finance by not relying on the execution of future Agreements.

- E. Market Risk – Market risk is the risk that a government will not be able to enter credit markets or that credit will become more costly. The Chief Financial Officer will evaluate the potential loss of market access and the risk that credit will become more costly as part of any proposed transaction.

### **VIII. Counterparty Credit Standards**

To protect the City’s interests in the event of a credit problem, the Chief Financial Officer will recommend entering into an Agreement with a counterparty only if it meets the following standards:

- A. At least two of the counterparty’s (or its guarantor’s) credit ratings are rated at least “Aa3” or “AA-”, or equivalent, by any two of the nationally recognized rating agencies (i.e. Moody’s, Standard and Poor’s, or Fitch) and not lower than “A3” or “A-“ by any of the nationally recognized rating agencies; or
- B. The payment obligations of the counterparty are unconditionally guaranteed by an entity with such a credit rating.

### **IX. Collateralization on Downgrade**

The obligations of the counterparty will be collateralized at levels and with securities acceptable to the Chief Financial Officer, as set forth in the Agreements, should the rating:

- A. of the counterparty, if its payment obligations are not unconditionally guaranteed by another entity, not satisfy the requirements set forth in Section VIII “Counterparty Credit Standards” above, or
- B. of the entity that unconditionally guarantees its payment obligations, if so secured, not satisfy the requirements set forth in Section VIII “Counterparty Credit Standards” above.

### **X. Termination**

A termination payment to or from the City may be required in the event of termination of an Agreement due to a default of either the City or the counterparty, certain additional termination events or optional termination by the City. Prior to making any termination payment due to the default of a counterparty, the Chief Financial Officer will evaluate whether it is financially advantageous for the City to obtain a replacement counterparty to avoid making such termination payment.

### **XI. Legality**

The City Attorney must receive an opinion reasonably acceptable to the market from a nationally recognized law firm that any interest rate risk mitigation product contracts that the City enters are legal, valid and binding obligations of the City.

### **XII. Responsibilities**

The Chief Financial Officer is responsible for determining the appropriate uses for interest rate risk management products in conjunction with the City’s debt financing and programmatic needs and making recommendations for the use of such products to the Finance Committee, Mayor and City Council.

The Chief Financial Officer is responsible for monitoring and reporting on all City debt obligations and reporting on such debt to the Mayor and City Council. In this capacity, the Chief Financial Officer will review and report on the activities and assumptions related to the various interest rate risk mitigation transactions. In addition, the Chief Financial Officer is responsible for reflecting the use of Agreements and other financing transactions on the City’s financial statements in accordance with Generally Accepted Accounting Principles (GAAP) and with rules promulgated by the Governmental Accounting Standards Board (GASB).

### **XIII. Monitoring And Reporting**

The Chief Financial Officer will issue an annual report to the Finance Committee, which will be forwarded to the Mayor and City Council. The report will include the following information, to the extent applicable:

- A. Highlights of all material changes to Agreements including counterparty downgrades and/or terminations;
- B. A summary of any new Agreements entered into by the City since the last report;
- C. A summary of any planned interest rate management product transactions and the impact of such transactions on the City;
- D. A description of each outstanding Agreement, including a summary of its terms and conditions, the notional amount, rates, maturity, the estimated market value of each Agreement, the method of procurement (competitive or negotiated), and the full name, description and credit ratings of the Agreement's counterparty and, if necessary, its applicable guarantor;
- E. Any amounts which were required to be paid and received, and any amounts which actually were paid and received under each outstanding Agreement;
- F. Any credit enhancement, liquidity facility or reserves associated with the interest rate management products including an accounting of all costs and expenses incurred, whether or not in conjunction with the procurement of credit enhancement or liquidity facilities under each outstanding Agreement; and
- G. An assessment of the counterparty risk, termination risk, and other risks associated therewith, which will include the aggregate marked to market value for each counterparty and relative exposure compared to other counterparties

This report will also include a copy of this Policy in the quarter after it is adopted or subsequently modified. The Chief Financial Officer, with the assistance of the City Attorney, and the City Treasurer, will periodically review this Policy for changes in best practices (i.e., GFOA Recommended Practices) and recommend modifications to this Policy to the Mayor and City Council.

### **XIV. Policy Review and Modification**

The City's Interest Rate Risk Management Products Policy will be submitted by the Finance Committee for annual ratification by the City Council by May 1<sup>st</sup> of each year. The authority to effect any change, modification or amendment of this Policy shall rest solely with the City Council. Finance Committee and staff recommendations for policy changes may be submitted in conjunction with the annual ratification or more often as deemed necessary. Policy changes initiated by City Council may be made as deemed appropriate. Policy changes will become effective on the date stipulated by City Council.

### **XV. Effective Date**

The City's Interest Rate Risk Management Products Policy was ratified and approved by the City Council on March 28, 2016.



## Glossary of Key Terms

**Agreement:** A contract between the City and Counterparty related to interest rate risk management products such as swaps, caps, floors, collars and options in connection with the incurrence of debt obligations by City of Orlando.

**Amortization Risk:** Represents the cost to the issuer of servicing debt or honoring swap payments due to a mismatch between bonds and the notional amount of swap outstanding. Amortization risk is characteristic of swaps used to hedge variable rate bonds issued to finance amortizing assets, such as mortgages. Amortization risk occurs to the extent bonds and swap notional amounts become mismatched over the life of a transaction.

**Basis Risk:** Refers to a mismatch between the interest rate received from the swap contract and the interest actually owed on the issuer's bonds.

**Call Option:** A contract through which the owner is given the right but is not obligated to purchase the underlying security or commodity at a fixed price within a limited time frame.

**Cap:** A ceiling on the interest rate that would be paid.

**Collar:** The combination of owning Cap and selling a Floor. Generally, it is structured so that the net cost of the collar is zero or close to zero. This means that the expense for the long cap premium is offset by the credit received for the floor premium.

**Counter Party Risk:** The risk that the swap counterparty will not fulfill its obligation to honor its obligations as specified under the contract.

**Derivative:** A financial product that is based upon another product. Generally, derivatives are risk mitigation tools.

**Floor:** A lower limit on the interest rate that would be paid.

**Interest Rate Risk:** The risk associated with changes in general interest rate levels or Yield Curves (see Yield Curves below).

**Interest Rate Swap:** The contract whereby one party typically agrees to exchange a floating rate for a fixed coupon rate. An essential characteristic of swaps is the swapping of cashflows and not principal amounts.

**ISDA:** The International Swaps and Derivatives Association, a global trade association representing participants in the derivatives industry.

**Notional Amount:** The stipulated principal amount for a swap transaction. There is no transfer of ownership in the principal for a swap; but there is an exchange in the cash flows for the designated coupons.

**Option:** A derivative contract. There are two primary types of options (see Put Option and Call Option). An option is considered a wasting asset because it has a stipulated life to expiration and may expire worthless. Hence, the premium could be wasted.

**Put Option:** A contract that grants to the purchaser the right but not the obligation to exercise.

**Rollover Risk:** The risk that the swap contract is not coterminous with the related bonds.

**Swap:** A customized financial transaction between two or more counterparties who agree to make periodic payments to one another. Swaps cover interest rate, equity, commodity and currency products. They can be simple floating for fixed exchanges or complex hybrid products with multiple option features.

**Tax Events Risk:** Issuers that issue tax-exempt variable rate bonds inherently accept risk stemming from changes in marginal income tax rates. This is due to the tax code's impact on the trading value of tax-exempt bonds. This risk is also a form of basis risk under swap contracts.

**Termination Risk:** The risk that the swap could be terminated by the counterparty due to any of several events, which may include issuer or counterparty ratings downgrade, covenant violation by either party, bankruptcy of either party, swap payment default by either party, and default events as defined in the issuer's bond indenture. The events of default and termination, which could lead to involuntary termination of the contract, would include failure to pay, bankruptcy, merger without assumption of obligations and legality.

**Yield Curve:** Refers to the graphical or tabular representation of interest rates across different maturities. The presentation often starts with the shortest-term rates and extends towards longer maturities. It reflects the market's views about implied inflation/deflation, liquidity, economic and financial activity, and other market forces.



# CITY OF ORLANDO

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## **INVESTMENT POLICY**

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# **CITY OF ORLANDO INVESTMENT POLICY**

## **I. Introduction**

The City of Orlando Investment Policy within the context of the City's Investment Ordinance is intended to set forth the framework within which the City's investment activities will be conducted. The Investment Policy establishes parameters for investment activity which may be further restricted by the Finance Committee, Investment Committee (as established herein) and the Chief Financial Officer, in order of authority. The Investment Policy provides both minimums and maximums to limit risk and ensure a broadly diversified portfolio.

In establishing this Investment Policy, the City Council recognizes the traditional relationship between risk and return and acknowledges that all investments, whether they are for one day or years, involve a variety of risks related to maturity, credit, market and other factors. Additionally, some investments involve intermediaries (counter-parties) whose performance (or failure to perform) may affect the value or liquidity of the underlying investment.

When choosing between alternative investments, staff should structure the portfolio based on an understanding of the variety of risks and the basic principle of diversification (imposed by this policy) on the structure of the portfolio. With adoption of this Investment Policy, the City recognizes that total return portfolio management may necessitate the sale of securities at a loss in order to reduce portfolio risk (with the intent to avoid a material reduction in return) or to achieve a greater overall return (with the intent to avoid a material increase in risk) than could have been obtained if the original position had been held.

This Investment Policy and the actions of staff and Third Party Managers will be guided by the standard of care expected of a "Prudent Person". The Prudent Person Rule states that, "Investments should be made with judgment and care, under the circumstances then prevailing, which persons of prudence, discretion, and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived from the investment."

The Investment Policy provides that the City will utilize a) internal management for shorter-term investments and b) Third-Party Managers to manage longer-term investments or specialty investment areas. The policy framework has been developed to permit the subsequent consideration (by separate City Council action) of the inclusion of Specialty Risk sub-portfolios which are to be managed by Third-Party Managers. These exposures will provide for further diversification of the Aggregate Investment Portfolio while providing correlation and other investment advantages.

The changes to the policy are a continuation of the City's commitment with regard to its financial affairs. It is the intent to at all times make sure that the investments of the City are being managed in a prudent and effective manner, thus giving the City the best opportunity to take advantage of all market environments and generate the best risk adjusted returns that fit within the scope of this Policy Statement, while maintaining liquidity and preserving capital.

## **II. Scope of Investment Policy**

This Investment Policy shall apply to all funds held by the City on behalf of the citizenship of the City of Orlando with the exception of:

- A. Pension or similar trust fund assets.
- B. Funds whose uses are restricted by debt covenants, prior contracts or legal, regulatory or other constraints.

### **III. Investment Objectives**

The following define the objectives, in order of priority, for the investment of the City's funds which are subject to the scope of this Investment Policy:

#### **A. Safety of Capital**

To ensure safety of capital by:

1. Establishing minimally acceptable credit ratings and limiting any exception thereto.
2. Limiting the portfolio duration and the duration of individual holdings.
3. Setting maximum exposure by market sector as well as individual holdings.
4. Requiring a minimum investment in a basket of securities either fully guaranteed by the U.S. Government or issued by an Agency or Instrumentality of the U.S. Government.
5. Defining authorized transactions and delegated authority levels.
6. Establishing, at a minimum, two segregated portfolios, the Liquidity and Active Portfolios, in order to diversify the City's credit, interest rate and management risks.
7. Requiring Third Party Managers to acknowledge in writing their compliance with the Investment Policy Statement as it currently exists or as modified in the future.

#### **B. Liquidity of Funds**

To provide liquidity in order to fund projected operating expenses by:

1. Creating and maintaining a separately managed Liquidity Portfolio; and
2. Investing in securities which are traded in a reasonably liquid market in order that funding may be provided for unanticipated expenditures.

#### **C. Investment Return**

To provide a reasonable return on the City's investable assets given the diversification and the level of risk taken in the portfolio, and achieve a rate of return on the aggregate City portfolio commensurate with exceeding the established benchmarks.

#### **IV. Delegation of Authority; Reporting Requirements**

##### **A. Finance Committee**

1. The policies and procedures which govern the Finance Committee are defined in the General Administration Policy and Procedure Manual, Section 401.3 and are hereby incorporated, by reference, into the City's Investment Policy. The following authority is granted to the Finance Committee under Section 401.3:
  - a. To establish policies - long-range (five to ten year) directional guidelines, limitations and/or goals, which define a general framework within which strategies and target benchmarks will be established.
  - b. To establish strategies - short or intermediate term (one to three year) guidelines within established policies.
  - c. To establish target benchmarks - within the policies and strategies and giving consideration to the changing market circumstances.
2. Also, the Finance Committee acts on behalf of City Council in:
  - a. Interpreting and enforcing the policies set forth in this document;
  - b. Setting policy which further restricts those contained herein; and
  - c. Approving Third Party Managers and investment funds which, in the judgment of the Finance Committee, are substantially in compliance with the policies set forth in this document and which do not require prior approval by City Council.
3. Resolution of matters shall be referred to City Council if such matters are outside the scope of, or if a majority of the Committee deems such matter to be outside the scope of, the authority delegated to the Finance Committee.
4. In accordance with the General Administration Policy and Procedures Manual, Section 401.3, the minutes of each Finance Committee Meeting shall be provided to the City Council.

##### **B. Investment Committee**

1. An Investment Committee, as hereby established, shall report periodically to the Finance Committee. The Investment Committee will be chaired by the Chief Financial Officer and be comprised of, at minimum, the Deputy Chief Financial Officer, Treasurer, Controller, and Budget Division Manager as voting members. The Chief Financial Officer shall have the authority to appoint additional members to the committee as well as designate individuals to serve on the committee in the event any of the positions named in this policy is vacant.
2. The Investment Committee, at their discretion, may utilize the services of an investment consultant to assist in executing their charged responsibilities, such as:

establishing Investment/Asset Allocation Strategies and Policy, hiring of third party managers, and monitoring of the portfolio.

3. The Investment Committee shall be charged with:
  - a. Formulating Investment and Asset Allocation Strategies within the framework of this Investment Policy and within those policies which, from time to time, may be promulgated by the Finance Committee;
  - b. Establishing appropriate investment procedures and controls;
  - c. Establishing rate of return objectives, appropriate benchmarks and performance measurement methodology for each portfolio; and
  - d. Monitoring the risk and performance of each portfolio and the performance of the respective managers.
4. The Investment Committee shall have the authority to set policy which further restricts that established by the City's Investment Policy as same may have been further restricted by the Finance Committee.
5. The Investment Committee shall meet at least quarterly or more often as deemed appropriate.
6. A summary of investment holdings, performance reports and Investment Committee minutes will be prepared for the Committee and provided to the Finance Committee on at least a quarterly basis.
7. Resolution of matters shall be referred to the Finance Committee if such matters are outside the scope of, or if a majority of the Investment Committee deems such matter to be outside the scope of, the authority delegated to the Investment Committee.

C. Staff Members

1. The Chief Financial Officer, and/or other staff as may be designated by the Chief Financial Officer, shall have the authority to execute trades and to otherwise conduct business within the scope of the City's Investment Policy.
2. The Chief Financial Officer shall have the authority to further restrict the authority delegated to any staff member.
3. Staff, through the Treasurer, shall report to the Investment Committee with regard to material issues, open items and/or exceptions related to the scope of this Investment Policy and actions taken.
4. Staff shall prepare and distribute month-end reports to the Investment Committee which, at a minimum, include:



- a. Investment Holdings Reports which shall, at a minimum detail:
  - (1) holdings by class of security;
  - (2) income earned;
  - (3) market value and portfolio reallocations;
  - (4) compliance with the Investment Policy; and
  - (5) compliance by third party managers with their individual parameters
- b. Performance Measurement Reports for the City's Aggregate Investment Portfolio, as well as for each separate portfolio, sub-portfolio, respective third-party manager and Specialty Risk portfolios, as and if appropriate.
- c. Each Third Party Manager will report on their individual portfolio characteristics, which will be reviewed by City staff.

The investment consultant is expected to provide monthly performance reports reflecting the current allocation versus target, and the performance of each third party manager and total fund composite relative to established benchmarks.

**V. Prudent and Ethical Standards**

- A. Those staff members, and any third party service providers, who have been delegated authority to conduct City business under this Investment Policy shall be required to act in accordance with the provisions of the "Prudent Person Rule", as is defined on page 1 herein, as well as in the compliance with the City's Ethics Policy as recited in the City of Orlando's Ethics Manual.
- B. Each employee, authorized to conduct investment activities for the City, is deemed by the City Council, through adoption of this Investment Policy and any amendment hereto, to be performing within the course and scope of his or her employment.

**VI. Portfolio Management**

- A. Aggregate Investment Portfolio
  - 1. The Aggregate Investment Portfolio shall be actively managed on a total return basis consistent with the directives and objectives established by this Investment Policy.
  - 2. Performance Measurement for the Aggregate Portfolio is to achieve a rate of return over the established benchmarks for a rolling three year period
  - 3. All calculations and measures of compliance and performance shall be based upon the market value of individual securities and portfolios. Investment in (e), (f), (g), (h), (i), and (j) listed below will be Externally Managed and will require the prior approval of City Council. The Aggregate Investment Portfolio shall be invested within the following parameters:

- a. No less than 10% of the Aggregate Investment Portfolio shall be used to establish the City's Liquidity Portfolio (See Part B of this Section).
  - b. The average duration shall not exceed the duration of the benchmark index by more than 30%. As a measure of interest rate sensitivity of individual securities and of the portfolio(s), the calculation methodology to be used will be the effective duration.
  - c. No less than 30% of the Aggregate Investment Portfolio shall be invested in a combination of U.S. Government and Agency Debt Obligations and in securities issued by Federal Instrumentality Debt Obligations, as each term is defined in Section IX. Of this 30%, no less than 10% of the Aggregate Investment Portfolio shall be invested in U.S. Government and Agency Debt Obligations.
  - d. No more than 60% of the Aggregate Investment Portfolio shall be invested in High Grade Corporate Debt, as defined in Section IX. C.
  - e. No more than 35% of the Aggregate Investment Portfolio shall be invested in Mortgage Backed Securities.
  - f. No more than 30% of the Aggregate Investment Portfolio shall be separately managed as Specialty Risk Externally Managed Funds, requiring specific Council approval (Section IX.J.2.).
  - g. No more than 10% of the Aggregate Investment Portfolio shall be invested in securities with a long term debt rating below Investment Grade, specifically below Baa by Moody's, BBB- by S&P or BBB- by Fitch.
  - h. No more than 10% of the Aggregate Investment Portfolio shall be invested in Investment Grade securities denominated in non-U.S. currency.
  - i. No more than 10% of the Aggregate Investment Portfolio shall be invested in Emerging Markets Securities.
  - j. No more than 10% of the Aggregate Investment Portfolio shall be invested in non-U.S. dollar, non-hedged securities.
4. Policy Exception: Deviations from the limits defined in items 2(b) through 2(j) above shall be permitted if:
    - a. The manager believes it is in the best interest of the portfolio to hold the security.
    - b. The portfolio is re-balanced and compliance is reestablished no less frequently than 30 days following each fiscal quarter end.

5. Authority to Grant Exception(s) to policy limits.

A Third Party Manager may hold securities which are outside of these policy guidelines or the Third Party Manager's specific investment guidelines separately approved by City Council, subject to conditions only as follows:

- In aggregate, the value of all securities, which constitute a variance to this policy, shall not exceed 2% of the Aggregate Investment Portfolio based on market value;
- The investment represents no more than 4% of a manager's portfolio and the overall investment in the security across all managers' portfolios does not exceed 2% of the Aggregate Investment Portfolio based on market value;
- Securities held outside the investment guidelines at the request of the money manager shall be brought to the Investment Committee on a regular basis for review.
- The Investment Committee has the authority to direct the manager to sell any security held in their account that is listed as an exception if it is in the best interest of the Operating Portfolio.
- Exceptions to the Investment Policy will be presented to the Finance Committee at each regularly scheduled quarterly meeting.

B. Liquidity Portfolio

1. As part of the Aggregate Investment Portfolio, staff shall create a Liquidity Portfolio which, at a minimum, has the following characteristics:
  - a. The funds allocated to the Liquidity Portfolio shall not be less than 10% of the average of the month-end balance for the Aggregate Investment Portfolio over the preceding fiscal year.
    - (1) The allocation shall be established, i.e., funds added to or removed from the Liquidity Portfolio, on or before December 31 each year.
    - (2) The allocation percentage shall be based upon market value of the investments in the Liquidity Portfolio in relation to the total market value of all investments subject to the scope of this Policy.
  - b. The Liquidity Portfolio shall be managed with primary emphasis on matching investment maturities with known cash needs and funding anticipated cash flow requirements and secondary emphasis on fulfilling the Investment Objectives contained in this Policy.
  - c. The average duration of the Liquidity Portfolio shall not exceed 1.25 years.
  - d. The maximum duration of any single holding in the Liquidity Portfolio shall

not exceed 3.00 years.

2. The Performance expectation for the Liquidity Portfolio is to achieve a rate of return that exceeds the six month Treasury Bill Index, measured quarterly, over a rolling three year period.
3. The Finance Committee and/or the Investment Committee shall have the authority to create one or more "sub-portfolios" of the Liquidity Portfolio if such action is deemed in the best interest of the City. The characteristics and management style associated with each "sub-portfolio" must comply with this Policy. In addition, when combined, each "sub-portfolio" must comply with the Policy requirements of the Liquidity Portfolio.

C. Active Portfolio

1. Those funds not required to establish the Liquidity Portfolio shall be used to establish the Active Portfolio. Third party managers and Treasury staff will direct the investment activities of the Active Portfolio. The Active Portfolio shall be managed with primary importance placed on fulfilling the Investment Objectives contained in this Policy and then in order to enhance the long-term performance and to provide diversification for the Aggregate Investment Portfolio. The duration of the Active Portfolio shall be within +/- 30% of its benchmark index.
2. The Performance expectation for the Active Portfolio is to achieve a rate of return that exceeds the Barclays U.S. Aggregate Index, measured quarterly, over a rolling three year period.
3. The Finance Committee and/or the Investment Committee shall have the authority to create one or more "sub-portfolios" of the Active Portfolio if such action is deemed in the best interest of the City. The characteristics and management style associated with each "sub-portfolio" must comply with this Policy. In addition, when combined, each "sub-portfolio" must comply with the Policy requirements of the Active Portfolio.

**VII. Asset Allocation Directives**

The portfolio shall be invested only in those instruments specifically designated as Authorized Investment Instruments. Within the exposure limits set for each instrument, the Investment Committee or staff shall have the authority to weight the portfolio(s) as to its type or duration as deem appropriate. Exposure percentages shall be based upon market value and shall include cash, investments managed by the City's staff and investments managed by outside managers. Staff shall maintain a schedule, on a manager and portfolio basis, to help ensure compliance with Investment Policy constraints. Securities held under a repurchase agreement and the specific assets underlying a mutual fund or money market fund shall not be included when determining compliance with the exposure limits to a particular asset type, except as noted below, though compliance with exposure limits to repurchase agreements, mutual funds, and/or money market funds as an asset type must be maintained. Mutual funds invested substantially in U.S. Treasuries may be used to meet the minimum requirement for investment in Treasury securities.

## VIII. Authorized Transactions

Staff shall have the authority to execute trades on Authorized Investment Instruments in any of the following forms:

A. Cash Settlement

An agreement which obligates the City to buy or sell on the same day as the trade is executed.

B. Regular Settlement

An agreement which obligates the City to buy or sell on a date, other than the trade date, which is normal and customary for the specific security.

C. Short Sales

An agreement which obligates the City to sell a security which is not currently held in its portfolio. The following shall apply to short sales:

1. Short sales are authorized only on Treasury Securities which are otherwise Authorized Investment Instruments.
2. The transaction must settle in no more than 5 business days from the trade date.
3. Short positions must be identifiable as a hedge position against a particular holding, group of holdings or portfolio whose characteristics are effectively, though not necessarily perfectly, hedged by the short position.

D. Futures Contract

An agreement which obligates the City to either buy or sell the underlying security on a specified date, or within a specified time, in the future. Long and short futures positions are authorized. The following shall apply to Futures Contracts:

1. The Futures Contract must be traded on a recognized exchange; and
2. The Futures Contract must be for a term not to exceed 12 months; and either
  - a. The Futures Contract must be on a cash security which is otherwise an Authorized Investment Instrument; or
  - b. The Futures Contract must be on an interest rate index to which exposure could otherwise be achieved through the purchase of an Authorized Investment Instrument or by an Authorized Transaction; and
3. Short positions must be identifiable as a hedge position against a particular holding, group of holdings or portfolio whose characteristics are effectively, though not necessarily perfectly, hedged by the short position.

E. Forward Agreements

An agreement, including those on "When-Issued" (WI) Treasuries, and "To Be Announced" (TBA) Mortgage Backed Securities, which obligates the City to either buy or sell the underlying security on a specified date, or within a specified time, in the future to a counterparty. Long and short positions are authorized. The following shall apply to Forward Agreements:

1. The counterparty must be an Approved Broker; and
2. The Forward Agreement cannot exceed six months; and either
  - a. The Forward Agreement must be on a cash security which is otherwise an Authorized Investment Instrument; or
  - b. The Forward Agreement must be on an interest rate index to which exposure could otherwise be achieved through the purchase of an Authorized Investment Instrument or Authorized Transaction; and
3. Short positions must be identifiable as a hedge position against a particular holding, group of holdings or portfolio whose characteristics are effectively, though not necessarily perfectly, hedged by the short position.

F. Interest Rate Swap Agreements

An agreement between the City and a counterparty to pay/receive a fixed interest rate payment in exchange for variable rate payment over a specified term. The following shall apply to Interest Rate Swap Agreements:

1. The counterparty must be an Approved Broker; and
2. The Swap Agreement cannot exceed three years; and
3. The Swap Agreement must be on an interest rate index to which exposure could otherwise be achieved through the purchase of an Authorized Investment Instrument or Authorized Transaction; and
4. Swap positions must alter the interest rate exposure to a particular holding, group of holdings or portfolio.

G. Option Contracts

An agreement which gives the City the right, though not the obligation (a long option position) to buy (call) or sell (put) the underlying security; or an agreement which obligates the City, at the option of the counterparty, (a short option position) to buy (put) or sell (call) the underlying security. The following shall apply to Option Contracts:

1. The Option Contract must be traded on a recognized exchange; and
2. The Option Contract must be for a term not to exceed 12 months; and either

- a. The Option Contract must be on a cash security which is otherwise an Authorized Investment Instrument; or
  - b. The Option Contract must be on a futures contract which is otherwise an Authorized Transaction; or
  - c. The Option Contract must be on an interest rate index to which exposure could otherwise be achieved through the purchase of an Authorized Investment Instrument or Authorized Transaction; and
3. Short call positions must be identifiable as written against a particular holding, group of holdings or portfolio whose characteristics are substantially similar to the position against which it is written.

## **IX. Authorized Investment Instruments**

The following classes of securities are deemed suitable for investment by the City. The securities listed below may be purchased up to the limits and subject to standards defined for each asset type.

### **A. U.S. Government and Agency Debt Obligations**

**Definition:** Debt obligations of the U.S. Government or its agencies whose interest payment and principal repayment is backed by the full faith and credit of the U.S. Government or of a U.S. Government agency.

**Duration:** Individual security duration will be left up to the discretion of the portfolio manager (or Staff with regards to the internally managed portfolio), with the average duration of the portfolio being within +/- 30% of its benchmark index.

**Exposure:** No less than 10% and no more than 100% of the Aggregate Investment Portfolio shall be invested in this sector.

### **B. Federal Instrumentality Debt Obligations**

**Definition:** Securities issued and guaranteed by a government sponsored enterprise which carry the "implied guarantee" of the U.S. Government.

**Duration:** Individual security duration will be left up to the discretion of the portfolio manager (or Staff with regards to the internally managed portfolio), with the average duration of the portfolio being within +/- 30% of its benchmark index.

**Exposure:** 1. No more than 45% of the Aggregate Investment Portfolio shall be invested in this sector.

2. No more than 20% of the Aggregate Investment Portfolio shall be invested with any one issuer.

C. High Grade Corporate Debt

**Definition:** U.S. dollar denominated debt obligations of domestic or foreign corporations, or foreign sovereignties issued in the United States or in foreign markets. This shall include, but not be limited to, corporate notes and bonds, medium term notes, Eurodollar notes and bonds, Yankee notes and bonds, bankers acceptances, commercial paper and certain asset backed securities. Asset-Backed Securities included in this classification shall not be collateralized by mortgages or home improvement loans.

**Duration:** Individual security duration will be left up to the discretion of the portfolio manager (or Staff with regards to the internally managed portfolio), with the average duration of the portfolio being within +/- 30% of its benchmark index.

**Credit Rating:** 1. Securities maturing in more than one year shall have a long-term debt rating which meet the following criteria:

- a. The security must be rated by two nationally recognized credit rating agencies, one of which must be either Moody's, S&P or Fitch; and
- b. The security must be rated, at a minimum, Investment Grade, specifically at or above Baa3 by Moody's, BBB- by S&P, or BBB- by Fitch or, if not rated such by two of these three, an equivalent minimum rating by a nationally recognized rating agency.

2. Securities maturing in one year or less shall have a short-term debt rating which meet the following criteria:

- a. The security must be rated by either Moody's, S&P or Fitch; and
- b. The security must be rated, at a minimum, P1 by Moody's, A1 by S&P or F1 by Fitch or, if the required short-term debt rating is unavailable; then
- c. The security must otherwise meet the criteria in this Section C under Credit Rating, Item 1 for High Grade Corporate Debt maturing in one year or more.

**Exposure:** 1. No more than 60% of the Aggregate Investment Portfolio shall be invested in this sector; with

2. No more than 5% of the Aggregate Investment Portfolio being invested with any one issuer.



#### D. Mortgage-Backed Securities

**Definition:** Securities collateralized by mortgages (or deeds of trust) on residential property (“Residential Mortgage-Backed Securities”) or commercial (industrial, office, retail, etc.) property (“Commercial Mortgaged-Backed Securities”). The securities may be issued by a Federal Instrumentality or by a private corporation and may be structured as collateralized mortgage obligations or unstructured pass-through securities.

**Duration:** Individual security duration will be left up to the discretion of the portfolio manager (or Staff with regards to the internally managed portfolio), with the average duration of the portfolio being within +/- 30% of its benchmark index. Securities must have a reasonable and supportable prepayment assumption.

**Credit Rating:**

1. The security must be rated by two nationally recognized credit rating agencies, one of whom must be either Moody's, S&P or Fitch; and
2. The security must be rated, at a minimum, Aa3 by Moody's, AA- by S&P, or AA- by Fitch or, if not rated such by two of these three, an equivalent minimum rating by a nationally recognized rating agency.

**Exposure:**

1. No more than 35% of the Aggregate Investment Portfolio shall be invested in this sector; with
2. No more than 20% of the Aggregate Investment Portfolio may be invested in securities of a single Federal Instrumentality of the United States.
3. No more than 15% of the Aggregate Investment Portfolio shall be invested in Commercial Mortgage Backed Securities.
4. No more than 10% of the Aggregate Investment Portfolio shall be invested in securities of any one (non-Instrumentality) issuer.

#### E. Bank Certificates of Deposit

**Definition:** Deposits in interest bearing accounts at institutions approved as Qualified Public Depositories under applicable law.

**Duration:** A maximum of 2.00 years

**Credit Rating:** Credit quality will be subject to approval by Investment Committee.

**Exposure:**

1. No more than 20% of the Aggregate Investment Portfolio shall be invested in this sector; with

2. No more than 5% of the Aggregate Investment Portfolio being invested in securities of any one issuer.
3. Can be purchased directly by the City only, not by third party managers

F. Repurchase Agreements

Definition: Transactions in which the City purchases Approved Securities from an institution with an agreement to re-sell the same securities on a specified future date. Institutions who are a party to this transaction must:

1. Be approved by the Investment Committee; and
2. Have entered into a Master Repurchase Agreement; and
3. Have entered into a Tri-Party Custody Agreement which provides for a third party to take custody of the securities subject to the Master Repurchase Agreement.

Transaction

Terms: Shall adhere, at a minimum, to the requirements of the Master Repurchase Agreement.

Approved

Securities: Shall be limited to Direct Obligations of the U.S. Government or its Instrumentalities with maturities not in excess of 5 years.

Collateral

Valuation: Collateral shall be marked-to-market daily at no less than 102% of the security's market value

Maturity:

The term of the Repurchase Transaction shall not exceed 60 days.

Exposure:

1. No more than 20% of the Aggregate Investment Portfolio shall be invested in this sector; with
2. No more than 10% of the Aggregate Investment Portfolio shall be invested with any single counterparty.

G. Money Market Mutual/Trust Funds

Definition: A mutual or trust fund which meets the Securities and Exchange Commission definition of a money market fund and whose investment policies are otherwise in substantial compliance with the City's Investment Policy; as substantial compliance is determined by the Investment Committee. Investment in money market funds (including 2a-7 like funds) offered or sponsored by the State Board of Administration are specifically approved for investment of City funds.

- Duration: Funds must provide daily liquidity.
- Credit Rating: The Investment Committee shall have the authority to determine the credit-worthiness of a particular Money Market Mutual/Trust Fund.
- Exposure: 1. No more than 40% of the Aggregate Investment Portfolio shall be invested in this sector; with
2. No more than 20% of the Aggregate Investment Portfolio shall be invested in any one particular fund.

#### H. State and Local Taxable and/or Tax Exempt Debt

- Definition: General Obligation or Revenue debt obligations issued by states, counties, cities or other taxing authorities.
- Duration: Individual security duration will be left up to the discretion of the portfolio manager (or Staff with regards to the internally managed portfolio), with the average duration of the portfolio being within +/- 30% of its benchmark index.
- Credit Rating: 1. The security must be rated by two nationally recognized credit rating agencies, one of whom must be either Moody's, S&P or Fitch; and
2. The security must be rated, at a minimum, A3 by Moody's, A- by S&P, or A- by Fitch or, if not rated such by two of these three, an equivalent minimum rating by a nationally recognized rating agency.
- Exposure: 1. No more than 10% of the Aggregate Investment Portfolio shall be invested in this sector; with
2. No more than 5% of the Aggregate Investment Portfolio shall be invested in securities of any one issuer.

#### I. Fixed Income Mutual Funds/Commingled Funds

- Definition: Mutual funds and other types of commingled investment vehicles provide, under some circumstances, lower costs and better diversification than can be obtained with a separately managed fund pursuing the same investment objectives. However, commingled investment funds cannot customize investment policies and guidelines to the specific needs of individual clients. The Investment Committee is willing to accept the policies of such funds in order to achieve the lower costs and diversification benefits of commingled funds. Therefore, commingled investment vehicles selected are exempt from the policies and restrictions specified herein as long as the fund's guidelines fit the overall intention/criteria/parameter/scope of this Investment Policy. Compliance will be determined by the Investment Committee.

Liquidity: Funds must provide liquidity no less frequently than monthly.

Credit Rating: The Investment Committee shall have the authority to determine the credit-worthiness of a particular fund.

- Exposure:
1. No more than 85% of the Aggregate Investment Portfolio shall be invested in this sector; with
  2. No more than 20% of the Aggregate Investment Portfolio shall be invested in any one particular fund.

J. Other Externally Managed Funds

Definition: Separate and/or co-mingled investment funds managed by a third party.

1. The Finance Committee shall have the authority to authorize management by a third-party manager if, in the judgment of the Finance Committee, the investment objectives and style of the manager is substantially in compliance with this Investment Policy.
2. City Council approval shall be required prior to engaging a third-party manager to invest in the following “Specialty Risk” categories:
  - a. Corporate securities with a long-term debt rating below Investment Grade, specifically below Baa3 by Moody's, BBB- by S&P or BBB- by Fitch.
  - b. Investment Grade debt issued in a currency other than the U.S. dollar.
  - c. Debt issued in the Emerging Markets segment of the Non-U.S. Market.
  - d. Other investment instruments or strategies, which may be contemplated in the future, which are currently outside the scope of this Investment Policy.

Duration: As provided for in each Third Party Manager’s specific investment guidelines separately approved by City Council.

Credit Rating: As provided for in each Third Party Manager’s specific investment guidelines separately approved by City Council.

- Exposure:
1. No more than 90% of the Aggregate Investment Portfolio shall be managed by Third Party Managers.

2. No more than 30% of the Aggregate Investment Portfolio shall be invested in Specialty Risk categories.
3. No more than 10% of the Aggregate Investment Portfolio, shall be invested in any one particular fund.
4. Fully hedged, non-dollar denominated holdings shall be equated to dollar equivalent securities.

**K. Derivative Securities**

**Definition:** A financial instrument the value of which depends on, or is derived from, the value of one or more underlying assets or index or asset values.

**Authorization:**

1. Staff shall have the authority to invest, either individually or in combination, in the following types of derivative structures on securities which are otherwise an Approved Investment Instrument:
  - a. Floating interest rate - no cap or floor
  - b. Floating interest rate - with a cap and/or a floor
  - c. Call feature
  - d. Put feature
  - e. Step Interest Rate
  - f. Principal Strips
2. Finance Committee shall have the authority to authorize investment in other derivative structures on Authorized Investment Instruments as deemed appropriate.

**X. Reverse Repurchase Agreements**

**Definition:** Transactions in which the City sells Authorized Investment Instruments to an institution with an agreement to repurchase the same securities on a specified future date.

Staff is authorized to enter into reverse repurchase agreements, as it deems necessary and subject to the limitations defined herein, in order to finance short term cash flow needs or to provide liquidity for the Aggregate Investment Portfolio.

**Authorized**

**Counterparty:** Institutions who are a party to this transaction must:

1. Be approved by the Investment Committee; and

2. Have entered into a Master Repurchase Agreement; and
3. Have entered into a Tri-Party Custody Agreement which provides for a third party to take custody of the securities subject to the Master Repurchase Agreement.

Approved Securities: Any securities held by the City which may be acceptable to the counterparty.

Collateral Valuation: Collateral shall be marked-to-market as often as reasonably required by the counterparty.

Collateral Maintenance: Investment Committee shall have the authority to set maximum amount of collateral to be pledged based upon the nature of the counterparty and the form of the collateral.

Maturity: The term of the Reverse Repurchase Transaction shall not exceed 60 days and the maturity date of the reinvested proceeds shall not materially exceed the maturity date of the Reverse Repurchase transaction.

Exposure: No more than 20% of the Aggregate Investment Portfolio, net of the balance of all existing and pending reverse repurchase agreements, shall be leveraged with reverse repurchase agreements.

## **XI. Approved Broker/Dealers and Financial Intermediaries**

### **A. Security Purchases and Sales**

1. Except for Externally Managed funds, security purchases and sales shall be transacted through the following approved entities:
  - a. Institutions designated as "Primary Securities Dealers" by the Federal Reserve Bank of New York;
  - b. Federal or state insured financial institutions who are designated as Qualified Public Depositories by the State of Florida and who operate a branch or office within the City of Orlando; or
  - c. Regional or local broker/dealers approved by the Investment Committee as it deems appropriate.
2. Of those Broker/Dealers who are eligible to be approved, the Investment Committee shall have the authority to select those with whom transactions are authorized as well as the number of approved Broker/Dealers necessary to conduct City business.
3. External Managers are charged with the responsibility to transact purchases and sales on a best execution basis.

B. Repurchase and Reverse Repurchase Agreements

The City shall enter into repurchase and reverse repurchase agreements with the following approved entities:

1. Institutions designated as "Primary Securities Dealers" by the Federal Reserve Bank of New York.
2. The City's primary correspondent bank.

The Finance Committee may approve other institutions who meet specific requirements as developed by the Finance Committee from time to time.

**XII. Bid Requirements**

Securities, identified by staff as candidates for purchase or sale, shall, when feasible and appropriate, be competitively bid or offered. In compliance with industry standards, External Managers will use a form of "bid process" when feasible and appropriate to achieve best execution.

**XIII. Internal Control Directives**

The Investment Committee shall establish the following minimum level of internal controls for the investment operations of the City in order to prevent losses of funds due to fraud, employee error, and misrepresentation by third parties, or imprudent actions by City employees:

A. Responsibility

The Chief Financial Officer shall hold primary responsibility for assuring compliance with the City's Investment Policy.

B. Delegation of Responsibility

The Chief Financial Officer shall have the authority to delegate to competent staff those responsibilities as deemed appropriate, but such delegation shall accomplish, at a minimum, the following separation of responsibilities:

1. Authority to execute trades and accounting for trades.
2. Accounting for trades and check or wire transfer authority.
3. Check and wire transfer authority from bank and custodial account reconciliation responsibility.
4. Preparation of performance reports from authority to execute trades.

C. Transaction Settlement

All investment transactions executed by the City, except those authorized by the Chief Financial Officer or the Treasurer as further approved by the Mayor, shall be settled on a Delivery vs. Payment basis through the City's custodian. Any securities settled under the

exception above shall be secured or controlled by a written agreement approved by the Office of Legal Affairs.

**D. Third-Party Custodial Agreement**

The custodial relationship shall be governed by a written agreement properly executed by all parties and shall specify, at a minimum that:

1. All securities owned and cash held by the City shall be held in the City's, or its nominee's, name in an account separate from all other accounts maintained by the custodian and shall at all times, while in the custody of the Custodian, be designated as an asset of the City.
2. The custodian shall accept transaction instructions only from those persons who have been duly authorized by the Chief Financial Officer and which authorization has been provided, in writing, to the custodian. No withdrawal of securities, in whole or in part, shall be permitted unless directed by such a duly authorized person.
3. The custodian shall, as it pertains to all transactions settled by the custodian, ensure that the City receives good and marketable title to all securities purchased and has immediately available cash for all securities sold on a "delivery vs. payment" basis.

**XIV. Continuing Education**

When appropriate, staff members directly responsible for directing the investment decisions pertaining to those funds subject to the scope of this policy will participate in continuing education opportunities. This will be facilitated at either quarterly meetings, or other educational programs such as industry conferences. The Chief Financial Officer shall determine the nature of the continuing education that shall satisfy this Section as well as the staff member(s), who are subject to this requirement.

**XV. Investment Policy Statement Review and Modification**

The City's Investment Policy will be submitted by the Finance Committee for ratification by City Council by May 1<sup>st</sup> of each year. The authority to effect any change, modification or amendment of this Investment Policy shall rest solely with City Council. Finance Committee, Investment Committee and staff recommendations for policy changes may be submitted in conjunction with the annual ratification or more often as deemed necessary. Policy changes initiated by City Council may be made as it deems appropriate. Policy changes will become effective on the date stipulated by City Council.

**XVI. Effective Date**

The City's Investment Policy was ratified and approved by the City Council on March 28, 2016.



