## Annual Debt Report

 for the year ended June 30, 2019

## THE SCHOOL DISTRICT OF PALM BEACH COUNTY, FLORIDA

BOARD MEMBERS<br>District 1 - Barbara McQuinn<br>District 2 - Chuck Shaw, Vice Chairman<br>District 3 - Karen M. Brill<br>District 4 - Erica Whitfield<br>District 5 - Frank A. Barbieri, Jr., Esq., Chair<br>District 6 - Marcia Andrews<br>District 7 - Debra Robinson, M.D.<br>\section*{REPORT ISSUED BY:}<br>Dr. Donald E. Fennoy II, Superintendent<br>Michael J. Burke, Chief Financial Officer<br>REPORT PREPARED BY:<br>Leanne Evans, Treasurer

## Executive Summary

In April 2004, the School Board adopted a Debt Management Policy. The purpose of the policy is to establish guidelines for the implementation and management of debt. In accordance with the policy, this report has been prepared to detail the actions taken during the fiscal year and to summarize the outstanding debt and hedges of the School District.

The School District actively manages debt with the goal of obtaining capital at a low cost while managing the exposure to risk. A key goal of the District, as required by the Debt Management Policy, is to ensure the District maintains a strong credit rating. The District's ratings did not change over the course of the year. The long term issuer rating is Aa2 and AA, the long term COPs ratings are Aa3 and AA-, and the short term rating is MIG-1. A detailed list of the District's ratings is available on page 20 of this report.

The School District's debt can be categorized as long-term and short-term. The District uses long-term debt, such as Certificate of Participation (COPs) and General Obligation Bonds, to finance the purchase or construction of assets. Additional, the District has used capital leases with a five-year term to purchase school buses and other equipment. Shortterm debt, including Tax Anticipation Notes and Commercial Paper, is used to manage cash flows for operating and capital purposes. The District also uses hedges, or swaps, to reduce the borrowing costs associated with long-term debt.

The School District has a Finance Committee, comprised of seven residents of Palm Beach County with experience in public finance and investments. These well-credentialed members review all investments and debt issues as well as all associated contracts and policies.

Finance Committee Membe<br>William Moore<br>Richard Miller, Chair<br>Michael Kohner<br>Jack Warner<br>George Elmore<br>William McDaniel, Vice Chair<br>Paul Dumars<br>School Board Member<br>District 1 - Barbara McQuinn<br>District 2 - Chuck Shaw<br>District 3 - Karen M. Brill<br>District 4 - Erica Whitfield<br>District 5 - Frank A. Barbieri, Jr., Esq.<br>District 6 - Marcia Andrews<br>District 7 - Debra Robinson, M.D.

At this time, we offer our sincere appreciation to the Finance Committee for their ongoing support and expertise. Since the Committee was established in 2001, 78 debt and hedge transactions totaling $\$ 7.5$ billion have been completed resulting in present value savings in excess of $\$ 162$ million. A summary of the completed transactions and associated savings is available on pages 21-23 of this report.

The District has contracted with several firms to assist with the issuance and management of our debt.

- PFM Financial Advisors LLC - Independent Registered Municipal Advisor
- Greenberg Traurig - Bond and Special Tax Counsel
- Nabors Giblin Nickerson - Disclosure Counsel
- Digital Assurance Certification, LLC - Dissemination Agent

The District conducted an RFP for underwriters during FY 2018 to select a team of underwriters that will be used for any negotiated debt issue. The team includes the following firms.

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Citigroup (senior) Raymond James
JP Morgan (senior) RBC Capital Markets
Merrill Lynch (senior) Siebert Cisneros Shank & Co
Morgan Stanley
PNC Capital Markets
Raymond James
Siebert Cisneros Shank \& Co
Stifel Nicolaus \& Company
Wells Fargo Bank, N.A.
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The District strives to be transparent regarding our outstanding debt. In addition to this annual report, documentation related to the District's debt is available online. Our investor relations website is available at http://www.palmbeachschools.org/treasury/Investorrel. Documents such as offering statements, rating reports, financial reports, and budgets are available on that website. This District complies with SEC regulations by filing information timely on EMMA, the Electronic Municipal Market Assess System, provided by the MSRB. The District's dissemination agent ensures filings are completed timely.

## History of Debt Issuance

The choice to issue debt has not been taken lightly, but used when necessary to ensure we have appropriate facilities in place for our students.

The District first issued COPs in 1994. Between 1994 and 1996, $\$ 228$ million was borrowed via COPs to finance the construction of 17,702 student stations.


## Overcrowded Schools

In 1998, the State Legislature enacted public school concurrency as the optimal process to ensure the capacity of schools was sufficient to support residential development. In December 2000, an interlocal agreement for public school concurrency received approval from the School Board, Palm Beach County and the 26 required municipalities. The agreement, the first of its kind in Florida, was developed to foster joint planning throughout the county. One key point in the concurrency agreement was that in addition to building new schools, the District would also replace aging facilities throughout the county. The 2001 Palm Beach County comprehensive plan showed our schools were overcrowded, averaging $124 \%$ of student capacity.

## Student Growth

At the same time, our enrollment was growing by more than 4,000 students per year. The challenges facing the School Board were monumental; overcrowded schools, rapid student growth and aging facilities. State funding sources such as PECO construction, Classrooms for Kids (bonded lottery proceeds) and K-3 Class Size Reduction were used to build schools, but these dollars did not come close to solving the overcrowding problem in our schools.

The District started issuing COPs again in 2000 and issued $\$ 1.1$ billion between 2000 and 2004 to build more than 32,000 new student stations and replace more than 26,000 student stations. When considering the new debt, the School Board wisely placed limits in our debt policy to ensure that no more than half of the capital tax revenue would be used for COPs debt service.

In 2001 the School Board expanded the role of the Investment Committee to include the implementation and management of debt. The committee was renamed the Finance Committee and the members were tasked with reviewing all investments and debt issues as well as all associated contracts and policies.

During the same time period, many of the old, wooden portables were replaced with new buildings or concrete modular classrooms. The new buildings were built under revised building codes and comply with the stringent Miami-Dade Wind Code. Additionally, all new high schools were constructed as hurricane shelters, increasing the safety of all citizen in Palm Beach County. While this made a significant impact, adding additional student stations and improving the safety of our facilities by replacing and modernizing old schools, our District was still growing rapidly. It was evident that another revenue source was required to address student growth and aging facilities.

## Comprehensive Safety Inspection Citations By Year



In 2004, the School Board asked the voters to approve a half-penny sales tax. As approved, the tax was to raise $\$ 560$ million for school construction projects. The plan also included $\$ 334$ million of additional COPs to fund the building program.

The District successfully completed all the projects on the referendum list, with the exception of projects that were cancelled or postponed due to demographic changes. This was a challenge as during this time, construction costs escalated dramatically and the State Legislature enacted Class Size Reduction. The implementation of CSR came with some additional state funds, but not enough to fund all the additional classrooms that were needed. These factors led to a decision to issue more COPs than had been projected. Between 2006 and 2008, a total of $\$ 798$ million of COPs were issued. The District continued to maintain compliance with the debt policy, which stipulated that no more than half of the capital tax revenue would be used for debt service.

Since 1995, the District has spent more than $\$ 3.8$ billion on new schools, modernizations, additions and land purchases for those facilities. $\$ 2.26$ billion was financed with COPs while $\$ 495$ million was funded through State sources and $\$ 1.19$ billion was paid with local sources, including the half-penny sales tax. The COP proceeds funded the construction of 41 new schools, 40 replacement schools, 27 additions as well as the purchase of land, modular classrooms and furniture for financed facilities. These facilities house almost 102,000 students.


During FY 2017, the School Board asked the voters to approve a half-penny sales tax. As approved, the tax is estimated to raise $\$ 1.34$ billion through 2026 or sooner if the goal is reached by September 30 of the previous year. The sales tax proceeds will be used to address deferred maintenance that accumulated during the recession and after the reduction of the capital millage levy. The referendum project list also included construction projects that will be financed with COPs.

## Reduction of Taxing Authority

In 2009, the State legislature reduced the School Board's taxing authority for capital from 2 mills to 1.75 mills and in 2010 to 1.5 mills. This change, along with the dramatic reduction of property values due to the Great Recession, has created a significant challenge for the District. The School Board modified the debt policy to reflect these changes. The chart below compares the tax revenue received in 2008 to the revenues projected for the future. Based on current property value projections and no change in the Board's taxing authority, the District's capital revenue will return to the 2008 level in 2021. If the Board's authority to levy 2 mils was restored, revenues would have returned to the 2008 level in 2016.

Comparison of Capital Tax Revenues for Palm Beach Schools


As of June 30, 2019, there is $\$ 1.27$ billion of COPs outstanding as compared to over $\$ 2$ billion in 2008. The reduction of more than $\$ 640$ million is due to the annual principal payments as well as principal reductions achieved through refinancing existing debt.

Roughly 49\% of our total student stations and 45\% of the square footage of educational facilities were financed with COPs. Currently, $39 \%$ of our total student stations and $37 \%$ of our total square footage is encumbered in the master lease, The District budgeted $52.9 \%$ of capital tax revenue to make principal, interest and fees associated with the outstanding COPs.


While the District is certainly challenged with shortfalls in the capital budget, it is evident that the issuance of COPs was necessary to ensure there were sufficient student stations for our students, ensure a safe learning environment for students and employees, and provide hurricane shelters for Palm Beach County residents.

A new challenge was added during FY 2017 when the Florida Legislature approved HB 7069. One of the many components of the bill is to require School Districts to share capital outlay millage with eligible Charter Schools on a per student basis. The calculation of the amount to be transferred to charters reduces the base amount by the annual debt service associated with debt issued prior to March 1, 2017. The estimated impact of this law is a reduction of over $\$ 200$ million of revenue over the next ten years. Moody's Investor Service indicated this is a credit negative for Florida School Districts. The impact in FY 2018 alone was $\$ 9.37$ million.

During FY 2018, the Florida Legislature revised the law so that charter schools should receive capital outlay funding per student based on the state average. The per student average will be adjusted annually based on CPI. The state fully funded the amount needed for FY 2020. The law implies the state will provide funding in the future, but Districts will be required to fund any shortfall. The future impact of this law is difficult to forecast as we don't know how many students will attend a charter school in a given year, nor do we know how much funding will be provided by the state of Florida.

## Looking Ahead

The project list for the recently approved sales tax referendum included construction projects to be financed with COPs. As in the past, the District is carefully monitoring how the new debt impacts debt service payments in the future. The following chart shows the projected annual debt service for outstanding debt as well as proposed new debt issues.


With the assistance of the Finance Committee, staff continues to look for opportunities to reduce borrowing costs and risk to the District. As mentioned earlier, savings achieved by active debt management has resulted in approximately $\$ 162$ million of present value savings.

## Long Term Debt

## Capital Outlay Bond Issues

General Information: Known as COBI, these bonds are issued and managed by the State of Florida on behalf of the School District. The State collects funds from vehicle licenses. A portion of the funds is used for principal and interest payments. The remaining monies are forwarded to the School District as revenue known as CO \& DS (Capital Outlay and Debt Service). The State of Florida determines when and if a new debt will be issued. If they decide to proceed with a new issue, the School District may be able to bond their portion of the revenue source. The State did not issue any new transactions on behalf of the District during FY 2019.

FY 2019 Summary: During FY 2019, principal payments totaling $\$ 1.3$ million were made on the outstanding COBIs.
As of June 30, 2019, there is $\$ 8.5$ million of COBI outstanding for Palm Beach Schools. The District's next principal payment of $\$ 1.2$ million will occur on January 1, 2020.

## Leases

General Information: Issued to finance the purchase of equipment, such as school buses. The District limits the maturity to five years. The District issued the first lease in 2014, through TD Bank. In 2015, the District entered into a master lease agreement with Banc of America Public Capital Corp. Having a master lease in place will reduce the issuance costs of future leases and make the process much easier. Within the master lease structure, the District has issued four leases. As of June 30, 2019, there were $\$ 22$ million outstanding.

Subsequent Event: On September 6,2019 the District entered into a fifth schedule for the master lease with Banc of America Public Capital Corp for financing the acquisition of HVAC systems at 24 schools for $\$ 14.7$ million with a coupon rate of $1.72 \%$. Under the terms of the loan agreement the debt is payable over five years. The final maturity of the leases will be in 2024.

## Long Term Debt

## Certificates of Participation

General Information: Certificates of Participation, or COPs, were first issued by the District in 1994. This has been the District's primary method of financing school construction. As of June 30, 2019, there was $\$ 1.27$ billion outstanding, all of which is fixed rate. A listing of all COP issues, which details the projects financed, can be found on pages 16-20 of this report.

## Qualified Zone Academy Bonds

General Information: For the School District, a QZAB is essentially an interest-free loan. A bank will purchase the bonds; and the Federal Government pays the interest in the form of a tax credit to the bank. The documentation is similar to a COP issue and does require a supplement to our Master Lease. The transaction is also included in the calculation of our COP capacity. The bonds are generally structured with annual payments over a twelve to sixteen-year period. The bonds are paid in full at maturity, but the District is required to transfer a principal payment to an escrow account annually. The District has issued three QZABs to date totaling $\$ 6.0$ million. Only two of the transactions are still outstanding. The final maturity will be in 2021.

FY 2019 Summary: During FY 2019, $\$ 254,746.88$ was transferred to the escrow accounts. Principal due to be transferred to the escrow accounts over the remaining life of the two transactions is $\$ 362,375$.

## Qualified School Construction Bonds

General Information: The Federal Government, as part of the American Recovery and Reinvestment Act (ARRA) created Qualified School Construction Bonds (QSCBs). These are tax credit bonds and are interest free - or very low net - to school districts. In conjunction with the Build America Bond (BAB) Program, also part of the ARRA legislation, the bonds issued prior to December 31, 2010, could be issued as taxable which opened up a new market for the District. The U.S. Treasury would provide a subsidy to cover the difference between the taxable and tax-exempt borrowing rate. The documentation was similar to a COP issue and required a supplement to our Master Lease. The transaction is included in the calculation of our COP capacity. The bonds are generally structured with annual payments over a twelve to sixteen-year period.

## Long Term Debt

## 2010A Qualified School Construction Bonds - Federally Taxable - Interest Subsidy

 COP 2010A was sold via a competitive sale on November 3, 2010 with a par of $\$ 67.6$. Nine bids were submitted with the winning bid offered by Banc of America Merrill Lynch. The average coupon rate was $5.4 \%$ and the net interest cost was $5.45 \%$. Due to the expected interest subsidy, the All-In TIC was $0.366 \%$. The transaction was closed on November 15 , 2010 and the final maturity will be August 1, 2025.Forward Delivery Agreement for Series 2010A QSCB - Beginning in 2019 and continuing until 2025, the District will be required to make payments into a sinking fund for the Series 2010A QSCB. As part of the QSCB program, the District is limited to earn no more than $4.262 \%$ of interest on those funds. In November 2010, the District accepted bids for a Forward Delivery Agreement. Barclays Capital submitted the best bid and will provide US Treasuries or AAA rated Federal Agencies to generate $4.262 \%$ interest on the funds the District deposits into the sinking fund, beginning in 2019. The transaction locked in interest revenues of $\$ 8.1 \mathrm{M}$ which offsets the $\$ 5.3$ million of net interest cost of the QSCB and provides $\$ 3$ million that will be used for the last sinking fund payment.

Sequestration - When the 2010A QSCB was issued, the expected federal subsidy was $\$ 51.7$ million. In 2013 , due to budget shortfalls, the federal government reduced the subsidy by $8.7 \%$. The impact of sequestration changes annually. Through June 30, 2019, the impact of sequestration is $\$ 1.5$ million. The total impact of sequestration, over the life of the 2010A QSCB, is currently projected to be approximately $\$ 2.8$ million

## Short Term Debt

## Tax Anticipation Notes

General Information: Issued annually to finance operations prior to the receipt of ad valorem taxes.
FY 2019 Activity: TAN 2018 was sold on September 25, 2018 with a par of $\$ 115$ million. 11 bids were submitted with the winning bid offered by Morgan Stanley \& Co. The coupon rate of the note was $3 \%$ with a net interest cost of $1.999 \%$. The transaction closed on October 3, 2018 and will mature on August 30, 2019.

Subsequent Event: TAN 2019 was sold on September 24, 2019 with a par of $\$ 115$ million. 8 bids were submitted with the winning bid offered by Bank of America Merrill Lynch. The coupon rate of the note was $2.25 \%$ with a net interest cost of $1.312 \%$. The transaction closed on October 3, 2019 and will mature on August 28, 2020.

## Short Term Debt

## Revolving Line of Credit

General Information: Issued in 2019 to provide additional cash and budget authority as needed to expedite sales tax revenues.

FY 2019 Activity: The School District accepted bids for financing tools that would accelerate sales tax revenues. While there is no need for additional cash at this time, state law requires the District to have cash available to support any purchase orders issued. The winning proposal was from PNC for a revolving line of credit. The facility will allow the District to draw cash when needed. For 2019, the facility was set at $\$ 80$ million. The line will be increased annually to a maximum of $\$ 200$ million and will be in place for three years. Based on current cash flow projections, there will be no need to draw on the line of credit. However, should the expenditures exceed forecasts or revenues fall below projections, the District will draw on the line of credit as needed. In that instance interest will be charged at a rate of 79\% of 1-Month LIBOR plus 41 bps. At this time, that is estimated at $2.445 \%$. If cash were drawn to match the proposed project budgets, the estimated interest cost is $\$ 9.1$ million over three years. If no cash is drawn on the line of credit, as currently expected, an unused fee of 10 basis point or $0.10 \%$ will be assessed. Based on current estimates, the fee will be approximately $\$ 500,000$ over the three-year period. This fee will be funded from interest earnings to date on the sales tax proceeds.

## Hedges

General Information: The School District has used various types of hedges, or swaps, to reduce the borrowing costs associated with long-term debt. Simply stated, a swap is a financial contract between two parties, or "counterparties". Swaps are a type of derivative, i.e. its price is derived from the price of an underlying index, bond rate, etc. For example, the District has used interest rate swaps to convert variable rate debt to a "synthetic" fixed rate, thus reducing the overall borrowing cost.

From 2002 through 2006, the District entered into six swap transactions. The transactions resulted in savings in excess of $\$ 40$ million. By June 30, 2018, all swaps were terminated.

## Debt Ratings

The School District works with the three national rating agencies to provide an accurate credit rating. This is important as it impacts the interest costs associated with long term borrowing. While a change in ratings may not have a direct impact on the cost of existing fixed rate debt, it would immediately impact the cost of variable rate debt and all future debt issuances. The District's current ratings are shown below and are among the highest for School Districts in the state of Florida. Definitions of these ratings are available on page 21.

| Rating Agency | Short Term <br> Notes | Long Term <br> General Obligation <br> or Issuer Credit Rating | Long Term Certificates of <br> Participation |
| :--- | :---: | :---: | :---: |
| Moody's | MIG 1 | Aa2, Stable Outlook | Aa3, Stable Outlook |
| Standard and Poor's | not rated | AA, Stable Outlook | AA-, Stable Outlook |
| Fitch | not rated | AA, Stable Outlook | AA-, Stable Outlook |

## RATING DEFINITIONS

| Aaa | Best quality; carry the smallest degree of investment risk. |
| :---: | :---: |
| Aa | High quality; margins of protection not quite as large as the Aaa bonds. |
| A | Upper medium grade; security adequate but could be susceptible to impairment. |
| Baa | Medium grade; neither highly protected nor poorly secured - lack outstanding investment characteristics and sensitive to changes in economic circumstances. |
| Ratings further classified by 1, 2, or 3 modifier with 1 being high and 3 being low. |  |
| Moody's Investor Service: Ratings for Short-Term Municipal Debt |  |
| MIG 1 | This designation denotes best quality. There is present strong protection by established cash flows, superior liquidity support or demonstrated broad-based access to the market for refinancing. |
| MIG 2 | This designation denotes high quality. Margins of protection are ample although not so large as in the preceding group. |
| Standard \& Poor's: Ratings for Long-Term Municipal Debt |  |
| AAA | Highest rating; extremely strong security. |
| AA | Very strong security; differs from AAA in only a small degree. |
| A | Strong capacity but more susceptible to adverse economic effects than two above categories. |
| BBB | Adequate capacity but adverse economic conditions more likely to weaken capacity. |
| Those issues determined to possess overwhelming safety characteristics will be given a plus (+) designation. |  |
| Standard \& Poor's: Ratings for Municipal Notes |  |
| SP-1 | Very strong or strong capacity to pay principal and interest. Those issues determined to possess overwhelming safety characteristics will be given a plus (+) designation. |
| SP-2 | Satisfactory capacity to pay principal and interest |
| SP-3 | Speculative capacity to pay principal and interest. |
| Fitch Ratings: Ratings for Long-Term Municipal Debt |  |
| AAA | Highest rating; extremely strong security. |
| AA | Very strong security; differs from AAA in only a small degree. |
| A | Strong capacity but more susceptible to adverse economic effects than two above categories. |
| BBB | Adequate capacity but adverse economic conditions more likely to weaken capacity. |
| "+" or "-"are used with a rating symbol to indicate the relative position of a credit within the rating category. |  |

## School District of Palm Beach County <br> Summary of COPS Funded Projects

as of 06/30/2019

| Debt Issue | Facility | Original Par | Outstanding COPs as of 06/30/19 | Outstanding COPS as of 08/01/19 | Asset Based Project Costs | Non-Asset Based Project Costs | Total Project Costs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPS 2000A | Outstanding Debt COPS 2000A | 155,000,000 | - | - |  | - |  |
| COPS 2000A | Outstanding Debt COPS 2014B |  | 124,445,000 | 108,830,000 | - | - |  |
| COPS 2000A | Debt Service Payment |  |  |  | 14,297,677 | - | 14,297,677 |
| COPS 2000A | Arbitrage Rebate Payment |  |  |  | 56,192 | - | 56,192 |
| COPS 2000A | Beacon Cove Elem (96-A) |  |  |  | 10,982,786 | - | 10,982,786 |
| COPS 2000A | Independence Middle (98-FF) |  |  |  | 18,919,320 | - | 18,919,320 |
| COPS 2000A | Jupiter High Modernization |  |  |  | 49,309,322 | - | 49,309,322 |
| COPS 2000A | Lake Park Elem Modernization |  |  |  | 10,081,745 | - | 10,081,745 |
| COPS 2000A | Pahokee Elem, Classroom Bldg |  |  |  | 6,013,805 | - | 6,013,805 |
| COPS 2000A | Palmetto Elem Modernization |  |  |  | 15,972,667 | - | 15,972,667 |
| COPS 2000A | Village Academy (98-P) |  |  |  | 6,913,786 | - | 6,913,786 |
| COPS 2000A | Palm Beach Central High (96-JJJ) |  |  |  | 45,360,580 | - | 45,360,580 |
| COPS 2000A | Total | 155,000,000 | 124,445,000 | 108,830,000 | 177,907,882 | - | 177,907,882 |
| COPS 2001A | Outstanding Debt COPS 2001A | 135,500,000 | - |  |  |  |  |
| COPS 2001A | Outstanding Debt COPS 2015A |  | 26,110,000 | 18,915,000 | - | - |  |
| COPS 2001A | Outstanding Debt COPS 2017A |  | 62,205,000 | 62,205,000 |  |  |  |
| COPS 2001A | Debt Service Payment |  |  |  | 5,083,200 | - | 5,083,200 |
| COPS 2001A | Boca Raton Elem Modernization |  |  |  | 9,824,754 | - | 9,824,754 |
| COPS 2001A | Freedom Shores Elem (97-M) |  |  |  | 11,834,643 | - | 11,834,643 |
| COPS 2001A | Crosspointe Elem (98-I) |  |  |  | 12,159,279 | - | 12,159,279 |
| COPS 2001A | Discovery Key Elem (96-L) |  |  |  | 11,574,396 | - | 11,574,396 |
| COPS 2001A | Forest Hill Elem Modernization |  |  |  | 12,932,653 | - | 12,932,653 |
| COPS 2001A | Frontier Elem (96-B) |  |  |  | 12,139,290 | - | 12,139,290 |
| COPS 2001A | Lake Worth High, Classroom Addition |  |  |  | 4,228,774 | - | 4,228,774 |
| COPS 2001A | Benoist Farms Elem (96-D) |  |  |  | 11,927,700 | - | 11,927,700 |
| COPS 2001A | Pleasant City Area Elem (98-N) |  |  |  | 7,448,104 | - | 7,448,104 |
| COPS 2001A | Portable Replacement |  |  |  | - | 7,000,000 | 7,000,000 |
| COPS 2001A | Sunrise Park Elem (96-H) |  |  |  | 11,023,032 | - | 11,023,032 |
| COPS 2001A | Site Acquisition |  |  |  | - | 10,160,089 | 10,160,089 |
| COPS 2001A | Royal Palm Beach Elem (96-J) |  |  |  | 11,287,443 | - | 11,287,443 |
| COPS 2001A | Total | 135,500,000 | 88,315,000 | 81,120,000 | 121,463,269 | 17,160,089 | 138,623,359 |
| COPS 2002B | Outstanding Debt COPS 2002B | 115,350,000 | - | - | - | - |  |
| COPS 2002B | Outstanding Debt COPS 2018A |  | 111,990,000 | 101,730,000 | - | - | - |
| COPS 2002B | Debt Service Payment |  |  |  | 2,675,346 | - | 2,675,346 |
| COPS 2002B | Belvedere Elem Modernization |  |  |  | 11,290,066 | - | 11,290,066 |
| COPS 2002B | Greenacres Elem Modernization |  |  |  | 11,135,728 | - | 11,135,728 |
| COPS 2002B | Jupiter Elem Modernization |  |  |  | 11,597,540 | - | 11,597,540 |
| COPS 2002B | Lantana Middle Modernization |  |  |  | 19,756,797 | - | 19,756,797 |
| COPS 2002B | Site Acquisition |  |  |  | 27,595,035 | - | 27,595,035 |
| COPS 2002B | South Olive Elem Modernization |  |  |  | 12,551,380 | - | 12,551,380 |
| COPS 2002B | Jaega Middle (98-EE) |  |  |  | 20,657,115 | - | 20,657,115 |
| COPS 2002B | Total | 115,350,000 | 111,990,000 | 101,730,000 | 117,259,006 | - | 117,259,006 |

## School District of Palm Beach County

Summary of COPS Funded Projects
as of 06/30/2019

| Debt Issue | Facility | Original Par | Outstanding COPs as of 06/30/19 | Outstanding COPS as of 08/01/19 | Asset Based Project Costs | Non-Asset Based Project Costs | Total Project Costs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPS 2002C | Outstanding Debt COPS 2002C | 161,090,000 | - | - | - | - |  |
| COPS 2002C | Outstanding Debt COPS 2015A |  | 5,570,000 | - | - | - |  |
| COPS 2002C | Outstanding Debt COPS 2017A |  | 85,645,000 | 85,645,000 |  |  |  |
| COPS 2002C | Debt Service Payment |  |  |  | 8,520,624 | - | 8,520,624 |
| COPS 2002C | Equestrian Trails Elementary (02-S) |  |  |  | 13,236,084 | - | 13,236,084 |
| COPS 2002C | Diamond View Elementary (01-R) |  |  |  | 13,501,992 | - | 13,501,992 |
| COPS 2002C | Panther Run Addition and HVAC Replacement |  |  |  | 13,917,920 | - | 13,917,920 |
| COPS 2002C | West Boca Raton Community High (01-LLL) |  |  |  | 50,232,536 | - | 50,232,536 |
| COPS 2002C | Forest Hill High Modernization |  |  |  | 50,011,322 | - | 50,011,322 |
| COPS 2002C | U.B. Kinsey/Palmview Elem Modernization |  |  |  | 13,240,250 | - | 13,240,250 |
| COPS 2002C | Village Academy Addition |  |  |  | 4,320,932 | - | 4,320,932 |
| COPS 2002C | Total | 161,090,000 | 91,215,000 | 85,645,000 | 166,981,659 | - | 166,981,659 |
| COPS 2002D | Outstanding Debt COPS 2002D | 191,215,000 | - | - | - | - |  |
| COPS 2002D | Outstanding Debt COPS 2012A |  | 1,795,000 | 1,795,000 | - | - |  |
| COPS 2002D | Outstanding Debt COPS 2015A |  | 11,055,000 | 5,475,000 | - | - |  |
| COPS 2002D | Outstanding Debt COPS 2017B |  | 16,930,000 | 16,930,000 | - | - |  |
| COPS 2002D | Outstanding Debt COPS 2018B |  | 98,480,000 | 98,230,000 | - | - |  |
| COPS 2002D | Debt Service Payment |  |  |  | 15,124,946 | - | 15,124,946 |
| COPS 2002D | Osceola Creek Middle (99-HH) |  |  |  | 23,581,882 | - | 23,581,882 |
| COPS 2002D | Don Estridge High Tech Middle Middle (98-GG) |  |  |  | 25,454,847 | - | 25,454,847 |
| COPS 2002D | H. L. Watkins Middle Modernization |  |  |  | 25,471,170 | - | 25,471,170 |
| COPS 2002D | Lantana Elementary Modernization |  |  |  | 12,583,214 | - | 12,583,214 |
| COPS 2002D | Palm Beach Public Elementary Modernization |  |  |  | 15,313,245 | - | 15,313,245 |
| COPS 2002D | Palm Springs Elementary Modernization |  |  |  | 17,569,751 | - | 17,569,751 |
| COPS 2002D | Roosevelt Elementary Modernization |  |  |  | 19,357,921 | - | 19,357,921 |
| COPS 2002D | Tradewinds Middle (98-II) |  |  |  | 24,185,616 | - | 24,185,616 |
| COPS 2002D | West Boca Raton Community High Buildout |  |  |  | - | 4,567,390 | 4,567,390 |
| COPS 2002D | Portable/Modular Replacement |  |  |  | - | 7,693,784 | 7,693,784 |
| COPS 2002D | Site Acquisition |  |  |  | - | 10,198,388 | 10,198,388 |
| COPS 2002D | Total | 191,215,000 | 128,260,000 | 122,430,000 | 178,642,592 | 22,459,563 | 201,102,155 |
| COPS 2003A | Outstanding Debt COPS 2003A | 60,865,000 | - | - | - | - |  |
| COPS 2003A | Outstanding Debt COPS 2011D |  | 10,890,000 | 6,335,000 | - | - |  |
| COPS 2003A | Debt Service Payment |  |  |  | 3,927,602 | - | 3,927,602 |
| COPS 2003A | William T. Dwyer Addition |  |  |  | 7,772,986 | - | 7,772,986 |
| COPS 2003A | Seminole Ridge High (02-NNN) |  |  |  | 53,779,613 | - | 53,779,613 |
| COPS 2003A | Total | 60,865,000 | 10,890,000 | 6,335,000 | 65,480,200 | - | 65,480,200 |
| COPS 2003B | Outstanding Debt COPS 2003B | 124,295,000 | - | - | - | - | - |
| COPS 2003B | Outstanding Debt COPS 2018C | 120,790,000 | 120,790,000 | 118,790,000 |  |  |  |
| COPS 2003B | Debt Service Payment |  |  |  | 4,831,888 | - | 4,831,888 |
| COPS 2003B | Atlantic High Replacement |  |  |  | 56,908,981 | - | 56,908,981 |
| COPS 2003B | Bak Middle of the Arts Modernization |  |  |  | 35,323,275 | - | 35,323,275 |
| COPS 2003B | LC Swain Middle (03-KK) |  |  |  | 25,764,081 | - | 25,764,081 |
| COPS 2003B | Portable/Modular Replacement |  |  |  | - | 6,006,615 | 6,006,615 |
| COPS 2003B | Total | 245,085,000 | 120,790,000 | 118,790,000 | 122,828,224 | 6,006,615 | 128,834,840 |

School District of Palm Beach County
Summary of COPS Funded Projects
as of 06/30/2019

| Debt Issue | Facility | Original Par | Outstanding COPs as of 06/30/19 | Outstanding COPS as of 08/01/19 | Asset Based Project Costs | Non-Asset Based Project Costs | Total Project Costs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPS 2004A | Outstanding Debt COPS 2004A | 103,575,000 | - | - | - | - |  |
| COPS 2004A | Outstanding Debt COPS 2012C |  | 56,140,000 | 52,125,000 | - | - | - |
| COPS 2004A | Debt Service Payment |  |  |  | 4,513,220 | - | 4,513,220 |
| COPS 2004A | Coral Sunset Elem Addition and HVAC Replacement |  |  |  | 7,864,150 | 3,539,300 | 11,403,450 |
| COPS 2004A | Hammock Pointe Elem Addition and HVAC Replacement |  |  |  | 11,060,207 | 3,500,000 | 14,560,207 |
| COPS 2004A | JC Mitchell Elem Modernization |  |  |  | 20,389,923 | - | 20,389,923 |
| COPS 2004A | Meadow Park Elem Modernization |  |  |  | 16,732,365 | - | 16,732,365 |
| COPS 2004A | Relocatable Classrooms |  |  |  | - | 10,852,240 | 10,852,240 |
| COPS 2004A | SD Spady Elem Modernization |  |  |  | 15,071,985 | - | 15,071,985 |
| COPS 2004A | Site Acquisition |  |  |  | - | 16,248,000 | 16,248,000 |
| COPS 2004A | Total | 103,575,000 | 56,140,000 | 52,125,000 | 75,631,850 | 34,139,540 | 109,771,391 |
| COPS 2004Q | Outstanding Debt COPS 2004 QZAB | 2,923,326 | 147,119 | 147,119 |  |  |  |
| COPS 2004Q | Debt Service Payment |  |  |  | - | 84,316 | 84,316 |
| COPS 2004Q | Equipment for Palm Beach Public Elem |  |  |  | - | 172,842 | 172,842 |
| COPS 2004Q | Equipment for Forest Hill High |  |  |  | - | 1,980,726 | 1,980,726 |
| COPS 2004Q | Equipment for Palm Springs Middle |  |  |  | - | 769,758 | 769,758 |
| COPS 2004Q | Total | 2,923,326 | 147,119 | 147,119 | - | 3,007,642 | 3,007,642 |
| COPS 2005Q | Outstanding Debt COPS 2005 QZAB | 2,150,308 | 215,257 | 215,257 | - | - |  |
| COPS 2005Q | Debt Service Payment |  |  |  | - | 57,778 | 57,778 |
| COPS 2005Q | Audio Enhancement Equipment for 27 schools |  |  |  | - | 2,150,308 | 2,150,308 |
| COPS 2005Q | Total | 2,150,308 | 215,257 | 215,257 | - | 2,208,086 | 2,208,086 |
| COPS 2006A | Outstanding Debt COPS 2006A | 222,015,000 | - | - | - | - |  |
| COPS 2006A | Outstanding Debt COPS 2015B |  | 131,710,000 | 124,275,000 | - | - | - |
| COPS 2006A | Debt Service Payment |  |  |  | 11,171,586 | - | 11,171,586 |
| COPS 2006A | Arbitrage Rebate Payment |  |  |  | 457,012 | - | 457,012 |
| COPS 2006A | Barton Elem Modernization |  |  |  | 31,388,513 | - | 31,388,513 |
| COPS 2006A | D. D. Eisenhower Elem Modernization |  |  |  | 26,691,761 | - | 26,691,761 |
| COPS 2006A | Manatee Elem Addition |  |  |  | - | 12,443,089 | 12,443,089 |
| COPS 2006A | Marsh Pointe Elem (03-X) |  |  |  | 20,450,648 | - | 20,450,648 |
| COPS 2006A | Palm Beach Gardens High Modernization |  |  |  | 101,000,439 | - | 101,000,439 |
| COPS 2006A | Rolling Green Elem Modernization |  |  |  | 24,823,899 | - | 24,823,899 |
| COPS 2006A | Modular Classrooms |  |  |  | - | 12,675,946 | 12,675,946 |
| COPS 2006A | Voice/Data Equipment |  |  |  | - | 4,493,590 | 4,493,590 |
| COPS 2006A | Total | 222,015,000 | 131,710,000 | 124,275,000 | 215,983,858 | 29,612,625 | 245,596,483 |

## School District of Palm Beach County

Summary of COPS Funded Projects
as of 06/30/2019

| Debt Issue | Facility | Original Par | Outstanding COPs as of 06/30/19 | Outstanding COPS as of 08/01/19 | Asset Based Project Costs | Non-Asset Based Project Costs | Total Project Costs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPS 2007A | Outstanding Debt COPS 2007A | 268,545,000 | - | - | - | - | - |
| COPS 2007A | Outstanding Debt COPS 2014C |  | 33,280,000 | 33,280,000 | - | - | - |
| COPS 2007A | Outstanding Debt COPS 2015D |  | 99,360,000 | 99,360,000 | - | - | - |
| COPS 2007A | Debt Service Payment |  |  |  |  | 15,164,616 | 15,164,616 |
| COPS 2007A | CO Taylor Elem Modernization |  |  |  | 38,954,324 | 1,350,000 | 40,304,324 |
| COPS 2007A | Furnishings for 2007B Projects |  |  |  | - | 3,099,441 | 3,099,441 |
| COPS 2007A | Gladeview Elem Modernization |  |  |  | 12,802,892 | - | 12,802,892 |
| COPS 2007A | Roosevelt Mid Classroom Addition |  |  |  | - | 10,504,656 | 10,504,656 |
| COPS 2007A | Rosenwald Elem Modernization |  |  |  | 18,977,020 | - | 18,977,020 |
| COPS 2007A | Royal Palm School Modernization |  |  |  | 38,417,801 | 1,045,681 | 39,463,482 |
| COPS 2007A | Site Acquisition |  |  |  | - | 44,784,333 | 44,784,333 |
| COPS 2007A | Suncoast High School Modernization |  |  |  | 83,459,659 | 3,365,623 | 86,825,282 |
| COPS 2007A | Westward Elem Modernization |  |  |  | 30,352,233 | 970,904 | 31,323,137 |
| COPS 2007A | Total | 268,545,000 | 132,640,000 | 132,640,000 | 222,963,928 | 80,285,253 | 303,249,180 |
| COPS 2007B | Outstanding Debt COPS 2007B | 119,400,000 |  | - |  |  |  |
| COPS 2007B | Outstanding Debt COPS 2011A |  | 17,860,000 | 12,230,000 | - | - |  |
| COPS 2007B | Outstanding Debt COPS 2015C |  | 62,970,000 | 62,970,000 | - | - |  |
| COPS 2007B | Outstanding Debt COPS 2017B |  | 25,015,000 | 25,015,000 | - | - | - |
| COPS 2007B | Debt Service Payment |  |  |  | - | 14,040 | 14,040 |
| COPS 2007B | Carver Middle Addition |  |  |  | 9,971,159 | - | 9,971,159 |
| COPS 2007B | Carver Middle Core Addition |  |  |  | 194,380 | - | 194,380 |
| COPS 2007B | Gladeview Elem Modernization |  |  |  | - | 10,125,905 | 10,125,905 |
| COPS 2007B | Hagen Road Elem Modernization |  |  |  | 28,299,079 | - | 28,299,079 |
| COPS 2007B | Lake Worth Middle Addition |  |  |  | 8,143,680 | - | 8,143,680 |
| COPS 2007B | Lake Worth Middle Core Addition |  |  |  | 993,515 | - | 993,515 |
| COPS 2007B | Palm Beach Gardens Elem Modernization |  |  |  | 26,043,546 | - | 26,043,546 |
| COPS 2007B | Wellington High Auditorium |  |  |  | 12,612,022 | - | 12,612,022 |
| COPS 2007B | Sunset Palm Elem (03-Z) |  |  |  | 28,461,624 | - | 28,461,624 |
| COPS 2007B | Total | 119,400,000 | 105,845,000 | 100,215,000 | 114,719,004 | 10,139,945 | 124,858,950 |
| COPS 2007E | Outstanding Debt COPS 2007E | 147,390,000 | - | - | - | - |  |
| COPS 2007E | Outstanding Debt COPS 2015D |  | 103,365,000 | 98,090,000 | - | - | - |
| COPS 2007E | Debt Service Payment |  |  |  | 7,851,073 | - | 7,851,073 |
| COPS 2007E | Allamanda Elem Modernization |  |  |  | 25,577,584 | - | 25,577,584 |
| COPS 2007E | Banyan Creek Elem Addition |  |  |  | 11,126,015 | - | 11,126,015 |
| COPS 2007E | Banyan Creek Elem Core Addition |  |  |  | 283,683 | - | 283,683 |
| COPS 2007E | Benoist Farms Elem Pre-K |  |  |  | - | 3,765,322 | 3,765,322 |
| COPS 2007E | Crestwood Middle Addition |  |  |  | - | 13,873,988 | 13,873,988 |
| COPS 2007E | Hope Centennial Elem (06-D) |  |  |  | 30,096,246 | - | 30,096,246 |
| COPS 2007E | Modular Classrooms |  |  |  | - | 9,783,021 | 9,783,021 |
| COPS 2007E | Pahokee Stadium |  |  |  | - | 12,413,787 | 12,413,787 |
| COPS 2007E | Seminole Trails Elem Addition |  |  |  | - | 11,834,690 | 11,834,690 |
| COPS 2007E | Site Acquisition - New Facilities |  |  |  | - | 1,117,253 | 1,117,253 |
| COPS 2007E | Wellington Elem Addition |  |  |  | 21,327,101 | - | 21,327,101 |
| COPS 2007E | Whispering Pines Elem Addition |  |  |  | 4,417,223 | - | 4,417,223 |
| COPS 2007E | Total | 147,390,000 | 103,365,000 | 98,090,000 | 100,678,926 | 52,788,061 | 153,466,987 |

## School District of Palm Beach County

## Summary of COPS Funded Projects

as of 06/30/2019

| Debt Issue Facility | Original Par | Outstanding COPs as of 06/30/19 | Outstanding COPS as of 08/01/19 | Asset Based Project Costs | Non-Asset Based Project Costs | Total Project Costs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPS 2010A Outstanding Debt COPS 2010A QSCB | 67,665,000 | 67,665,000 | 57,998,571 | - | - |  |
| COPS 2010A Galaxy Elem Modernization |  |  |  | 28,522,108 | - | 28,522,108 |
| COPS 2010A Belle Glade Elem Roof Replacement |  |  |  | 1,608,682 | - | 1,608,682 |
| COPS 2010A Pioneer Park Elem Roof Replacement |  |  |  | 1,659,628 | - | 1,659,628 |
| COPS 2010A Gove Elem Modernization |  |  |  | 35,352,813 | - | 35,352,813 |
| COPS 2010A Total | 67,665,000 | 67,665,000 | 57,998,571 | 67,143,231 | - | 67,143,231 |
| Grand Total | 1,997,768,634 | 1,273,632,376 | 1,190,585,947 | 1,747,683,631 | 257,807,420 | 2,005,491,051 |

## Summary of Financings Completed

September 2000 - June 2019

| Type | Issue | Issue Date | New Money | Refundings | Swaps | Transaction Totals | PV Savings* | count |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPS | COP 2001A |  | 135,500,000 |  |  | 135,500,000 |  | 1 |
| COPS | COP 2001B |  |  | 169,445,000 |  | 169,445,000 | 8,000,000 | 1 |
| COPS | COP 2002A |  | 115,250,000 |  |  | 115,250,000 |  | 1 |
| COPS | COP 2002B |  | 115,350,000 |  |  | 115,350,000 |  | 1 |
| COPS | COP 2002B R |  |  | 115,350,000 |  | 115,350,000 |  | 1 |
| COPS | COP 2002C |  | 161,090,000 |  |  | 161,090,000 |  | 1 |
| COPS | COP 2002D |  | 191,215,000 |  |  | 191,215,000 |  | 1 |
| COPS | COP 2002E |  |  | 93,350,000 |  | 93,350,000 | 3,750,000 | 1 |
| COPS | COP 2002Q |  | 950,000 |  |  | 950,000 |  | 1 |
| COPS | COP 2003A |  | 60,865,000 |  |  | 60,865,000 |  | 1 |
| COPS | COP 2003B |  | 124,295,000 |  |  | 124,295,000 |  | 1 |
| COPS | COP 2004A |  | 103,575,000 |  |  | 103,575,000 |  | 1 |
| COPS | COP 2004Q |  | 2,923,326 |  |  | 2,923,326 |  | 1 |
| COPS | COP 2005A |  |  | 124,630,000 |  | 124,630,000 | 3,690,966 | 1 |
| COPS | COP 2005B |  | 38,505,000 |  |  | 38,505,000 |  | 1 |
| COPS | COP 2005Q |  | 2,150,308 |  |  | 2,150,308 |  | 1 |
| COPS | COP 2006A |  | 222,015,000 |  |  | 222,015,000 |  | 1 |
| COPS | COP 2007A |  | 268,545,000 |  |  | 268,545,000 |  | 1 |
| COPS | COP 2007B |  | 119,400,000 |  |  | 119,400,000 |  | 1 |
| COPS | COP 2007B R |  |  | 118,225,000 |  | 118,225,000 |  | 1 |
| COPS | COP 2007C |  |  | 195,881,039 |  | 195,881,039 | 7,920,411 | 1 |
| COPS | COP 2007D |  |  | 30,485,000 |  | 30,485,000 | 1,257,007 | 1 |
| COPS | COP 2007E |  | 147,390,000 |  |  | 147,390,000 |  | 1 |
| COPS | COP 2010A |  | 67,665,000 |  |  | 67,665,000 |  | 1 |
| COPS | COP 2011A | 07/13/11 |  | 112,425,000 |  | 112,425,000 | 3,916,254 | 1 |
| COPS | COP 2011B ${ }^{(1)}$ | 06/29/11 |  | 166,270,000 |  | 166,270,000 | $(6,140,075)$ | 1 |
| COPS | COP 2011C | 11/15/11 |  | 15,355,000 |  | 15,355,000 | 1,102,150 | 1 |
| COPS | COP 2011D | 11/15/11 |  | 25,065,000 |  | 25,065,000 | 1,304,529 | 1 |
| COPS | COP 2012A | 05/15/12 |  | 20,085,000 |  | 20,085,000 | 1,354,437 | 1 |
| COPS | COP 2012B ${ }^{(2)}$ | 06/29/12 |  | 116,555,000 |  | 116,555,000 | $(5,088,769)$ | 1 |
| COPS | COP 2012C | 08/09/12 |  | 67,145,000 |  | 67,145,000 | 5,595,070 | 1 |
| COPS | COP 2014A | 01/31/14 |  | 115,627,598 |  | 115,627,598 |  | 1 |
| COPS | COP 2014B | 06/27/14 |  | 195,336,022 |  | 195,336,022 | - | 1 |

## Summary of Financings Completed

September 2000 - June 2019

| Type | Issue | Issue Date | New Money | Refundings | Swaps | Transaction Totals | PV Savings* | count |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPS | COP 2014C | 07/29/14 |  | 33,280,000 |  | 33,280,000 | 2,063,360 | 1 |
| COPS | COP 2015A | 05/05/15 |  | 106,315,000 |  | 106,315,000 | 7,154,132 | 1 |
| COPS | COP 2015B | 01/14/15 |  | 145,535,500 |  | 145,535,500 | 17,700,180 | 1 |
| COPS | COP 2015C | 10/28/15 |  | 62,970,000 |  | 62,970,000 | 6,734,478 | 1 |
| COPS | COP 2015D | 04/30/15 |  | 221,640,000 |  | 221,640,000 | 17,595,455 | 1 |
| COPS | COP 2017A | 10/11/17 |  | 147,850,000 |  | 147,850,000 | 28,805,024 | 1 |
| COPS | COP 2017B | 12/26/17 |  | 41,945,000 |  | 41,945,000 | 2,873,271 | 1 |
| COPS | COP 2018A | 02/13/18 |  | 114,770,000 |  | 114,770,000 | $(1,309,454)$ | 1 |
| COPS | COP 2018B | 02/28/18 |  | 103,955,000 |  | 103,955,000 | $(611,056)$ | 1 |
| COPS | COP 2018C | 02/28/18 |  | 120,790,000 |  | 120,790,000 | 394,634 | 1 |
| COPS Total |  |  | 1,876,683,634 | 2,780,280,159 | - | 4,656,963,793 | 108,062,003 | 43 |
| CP | Commercial Paper |  | 250,000,000 |  |  | 250,000,000 | 2,752,597 | 1 |
| CP To |  |  | 250,000,000 | - | - | 250,000,000 | 2,752,597 | 1 |
| GO | GO 2002 |  |  | 98,490,000 |  | 98,490,000 | 5,000,000 | 1 |
| GO | GO 2002A |  |  | 28,200,000 |  | 28,200,000 | 779,525 | 1 |
| GO To |  |  | - | 126,690,000 | - | 126,690,000 | 5,779,525 | 2 |
| Lease | CIT |  | 6,474,602 |  |  | 6,474,602 |  | 1 |
| Lease | SunTrust |  | 2,878,520 |  |  | 2,878,520 |  | 1 |
| Lease | TD Bank | 02/20/14 | 14,001,671 |  |  | 14,001,671 |  | 1 |
| Lease | Bank of America-1 | 07/02/15 | 14,235,296 |  |  | 14,235,296 |  | 1 |
| Lease | Bank of America-2 | 11/18/15 | 7,152,000 |  |  | 7,152,000 |  | 1 |
| Lease | Bank of America-3 | 03/18/16 | 6,971,740 |  |  | 6,971,740 |  | 1 |
| Lease | Bank of America-4 | 10/18/18 | 16,071,427 |  |  | 16,071,427 |  | 1 |
| Lease | Bank of America - 5 | 09/06/19 | 14,700,000 |  |  | 14,700,000 |  | 1 |
| Lease Total |  |  | 82,485,256 | - | - | 82,485,256 | - | 8 |
| RANS | RANS 2009 |  | 72,114,878 |  |  | 72,114,878 | 58,487 | 1 |
| RANS | RANS 2010 |  | 56,000,000 |  |  | 56,000,000 |  | 1 |
| RANS Total |  |  | 128,114,878 | - | - | 128,114,878 | 58,487 | 2 |
| RLOC | RLOC 2019 | 06/27/19 | 80,000,000 |  |  | 80,000,000 |  | 1 |
| Swap | 2001B-2011B Swapt |  |  |  | 162,980,000 | 162,980,000 | 6,027,060 | 1 |
| Swap | 2002B-Interest Rate |  |  |  | 115,350,000 | 115,350,000 | 7,153,194 | 1 |
| Swap | 2002D-Basis |  |  |  | 100,000,000 | 100,000,000 | 6,531,539 | 1 |
| Swap | 2002D-CMS |  |  |  | 100,000,000 | 100,000,000 | 12,273,075 | 1 |

Summary of Financings Completed
September 2000 - June 2019

| Type | Issue | Issue Date | New Money | Refundings | Swaps | Transaction Totals | PV Savings* | count |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Swap | 2002D-2012 |  |  |  | 116,555,000 | 116,555,000 | 2,115,934 | 1 |
| Swap | 2003B-Inter |  |  |  | 124,295,000 | 124,295,000 | 6,479,618 | 1 |
| Swap Total |  |  | - | - | 719,180,000 | 719,180,000 | 40,580,420 | 6 |
| TANS | TANS 2000 |  | 42,000,000 |  |  | 42,000,000 | 389,000 | 1 |
| TANS | TANS 2001 |  | 45,000,000 |  |  | 45,000,000 | 133,000 | 1 |
| TANS | TANS 2002 |  | 45,000,000 |  |  | 45,000,000 | 92,000 | 1 |
| TANS | TANS 2003 |  | 45,000,000 |  |  | 45,000,000 | 33,000 | 1 |
| TANS | TANS 2004 |  | 55,000,000 |  |  | 55,000,000 | 481,419 | 1 |
| TANS | TANS 2005 |  | 55,000,000 |  |  | 55,000,000 | 700,021 | 1 |
| TANS | TANS 2006 |  | 85,000,000 |  |  | 85,000,000 | 1,174,597 | 1 |
| TANS | TANS 2007 |  | 115,000,000 |  |  | 115,000,000 | 871,761 | 1 |
| TANS | TANS 2008 |  | 85,000,000 |  |  | 85,000,000 | 1,245,403 | 1 |
| TANS | TANS 2009 |  | 85,000,000 |  |  | 85,000,000 | 174,645 | 1 |
| TANS | TANS 2010 |  | 115,000,000 |  |  | 115,000,000 | 22,250 | 1 |
| TANS | TANS 2011 |  | 115,000,000 |  |  | 115,000,000 | $(22,530)$ | 1 |
| TANS | TANS 2012 |  | 115,000,000 |  |  | 115,000,000 | $(40,229)$ | 1 |
| TANS | TANS 2013 | 09/26/13 | 115,000,000 |  |  | 115,000,000 | $(21,234)$ | 1 |
| TANS | TANS 2014 | 09/25/14 | 115,000,000 |  |  | 115,000,000 | 14,112 | 1 |
| TANS | TANS 2015 | 10/05/15 | 115,000,000 |  |  | 115,000,000 | 17,597 | 1 |
| TANS | TANS 2016 | 10/11/16 | 115,000,000 |  |  | 115,000,000 | $(400,307)$ | 1 |
| TANS | TANS 2017 | 10/10/17 | 115,000,000 |  |  | 115,000,000 | 343,315 | 1 |
| TANS | TANS 2018 | 10/03/18 | 115,000,000 |  |  | 115,000,000 |  | 1 |
| TANS | TANS 2019 | 10/03/19 | 115,000,000 |  |  | 115,000,000 |  | 1 |
| TANS Total |  |  | 1,807,000,000 | - | - | 1,807,000,000 | 5,207,818 | 20 |
| Grand Total |  |  | 4,224,283,768 | 2,906,970,159 | 719,180,000 | 7,850,433,927 | 162,440,850 | 83 |

* PV Savings for refunding issues are calculated from the transaction date. Savings for swaps are through termination.
${ }^{(1)} 2011 \mathrm{~B}$ issued in conjunction with 2001B swaption; therefore savings is combination of upfront payment received and savings/dissaving of 2001B refunding. Savings will increase or decrease depending on actual results of variable rate 2011B.
${ }^{(2)} 2012 B$ issued in conjunction with 2002D swaption; therefore savings is combination of upfront payment received and savings/dissaving of 2002D refunding. Savings will increase or decrease depending on actual results of variable rate 2012B.

SCHOOL BOARD OF PALM BEACH COUNTY, FLORIDA
SUMMARY OF OUTSTANDING OBLIGATIONS
OUTSTANDING
As of 101419

| Series | Issue Date | Sr. Manager or Provider | Original Principal Amount | $\begin{array}{\|c\|} \hline \text { Principal } \\ \text { Outstanding as of } \\ 6 / 30 / 19 \\ \hline \end{array}$ | $\begin{array}{\|c\|} \text { Principal } \\ \text { Outstanding as of } \\ 08 / 01 / 19 \\ \hline \end{array}$ | $\begin{gathered} \text { Final } \\ \text { Maturity } \end{gathered}$ | Fixed or Variable | Interest Rates | Insurer / Credit Enhancement |  | $\begin{aligned} & \text { School District Issuer } \\ & \text { Rating } \\ & \text { (Moodys/SP/Fitith) } \end{aligned}$ | School District Rating for coPs (Moodys/S\&P/Fitith) | Call Provisions | Purposel Comments | Exposure to Market Change | Public Offering or Direct Placement | $\begin{gathered} \text { Defaultl } \\ \text { Acceleration } \\ \text { Provisions } \end{gathered}$ | Hedged? | $\begin{gathered} \text { Arbitrage (Vield } \\ \text { Restiction } \\ \text { Computation } \\ \text { Date } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2040 | 04/30104 | Bank of America | 2.923,326 | 147.119 | 147.119 | 04/30120 | F | 0.00\% | Unernanced | Unenhanced | na/AA/A | АазЗAA/IAA. | Non Calable |  | None | Direct |  | No | n/a |
| ${ }^{20059}$ | 121/1505 | Wachovia | 2,150,308 | 215,257 | 215,257 | 12/15120 | F | 0.00\% | Unenhanced | Unenhanced | na/ANAA | Aa3/AA-/AA- | Non Callable |  | None | Direct |  | No | n/a |
| 2010 A QSCB | 11/0310 | Bank of America Merrill Lynch | 67,665,00 | 67,665,000 | 57,98,571 | 08/01/25 | F | 5.40\% | Unenhanced | Unenhanced | na/AA/A | Aa3/AA-/AA. | Non Callable |  | None | Public |  | No | 11/5519 |
| 2011A | 0713311 | Morgan Stanley | 44,52,000 | 17,860,000 | 12,230,000 | 08/01/21 | F | 4.00\% -5.00\% | Unenhanced | Unenhanced | na/AAAA | Aa3/AA-IAA. | 81/2021 | $\begin{aligned} & \text { Refunded 2007B. } \\ & \text { Partiall refunded by } \\ & \text { 2015C and } 2017 \mathrm{~B} \text {. } \\ & \hline \end{aligned}$ | None | Public |  | No | 07/1321 |
| 2011 | 11/15/11 | $\begin{array}{\|c} \hline \text { Banc of America } \\ \text { Public Capital } \\ \text { Corp } \end{array}$ | 25,065.000 | 10,80,000 | 6.335,000 | 08/01/21 | F | 2.64\% | Unenhanced | Unenhanced | na/AA/A | Aa3/AA-AA- | 71/2016 | $\begin{array}{\|l\|} \hline \text { Refunded portion of } \\ 2003 A \end{array}$ | None | Direct |  | No | 0801/21 |
| 2012A | 0515112 | Morgan Stanley | 20,085,000 | 1,795,000 | 1,995,000 | 08/01/22 | F | 5.00\% | Unenhanced | Unenhanced | na/AN/A | Aa3/AA-/AA. | 81/2022 |  | None | Public |  | No | 05115122 |
| 2012 C | 0810912 | Bank of America | 67,145,000 | 56,140,000 | 52,125,000 | 08/0129 | F | 4.00\% -5.00\% | Unenhanced | Unenhanced | na/AAAA | Aa3/AA-/AA. | 81/2022 | $\begin{aligned} & \text { Refunded portion of } \\ & 2004 \mathrm{~A} \end{aligned}$ | None | Public |  | No | 0913122 |
| 2014B | 0612714 | Morgan Stanley | 166,010,000 | 124,445,000 | 108,830,000 | 08/0122 | F | 4.00\% -5.00\% | Unenhanced | Unenhanced | nalAA/AA | Aa3/AA-/AA. | Non Callable | Refunded 2011 B and terminated swap | None | Public |  | No | $6127 / 2019$ ( 5) |
| 2014 C | 07/29114 | Citigroup | 33,280,000 | 33,280,000 | 33,28,000 | 08/01/31 | F | 5.00\% | Unenhanced | Unenhanced | na/AA/A | Aa3/AA-/AA. | 81/2024 | Option | None | Direct |  | No | 712912019 (6) |
| 2015 A | 05/15/15 | Bank of America Merrill Lynch | 106,315,000 | 42,73,000 | 24,390,000 | 08/01/22 | F | 2.52\% | Unenhanced | Unenhanced | na/AA/A | Aa3/AA-AA. | Non Callable | ${ }_{\substack{\text { Advanced Refunding } \\ \text { of 2005A }}}$ | None | Direct |  | No | 05105120 |
| 2015B | 01/4115 | Bank of America Merrill Lynch | 145,533,000 | 131,710,000 | 124,275,000 | 08/01/31 | F | 5.00\% | Unenhanced | Unenhanced | na/AAAA | Aa3/AA-/AA- | 81/2025 | Refunded 2006A | None | Public |  | No | 01/4120 |
| 2015 C | 10128115 | Morgan Stanley | 62,97,000 | 62,970,000 | 62,970,000 | 08/01/32 | F | 5.00\% | Unenhanced | Unenhanced | na/AAAA | Aa3/AA-/AA- | 81/2025 | Refunded portion of 2011A | None | Public |  | No | 10128120 |
| 2015D | 04/30115 | JP Morgan | 221,640,000 | 202,725,000 | 197,450,000 | 08/01/32 | F | 5.00\% | Unenhanced | Unenhanced | na/AAAA | Aa3/AA-/AA- | 81/2025 | Refunded portions of | None | Public |  | No | 04/30120 |
| 2017A | 1011117 | Wells Fargo | 147,850,000 | 147,850,000 | 147, 850,000 | 08/0127 | F | 5.00\% | Unenhanced | Unenhanced | na/AA/A | A $23 / \mathrm{A}$-/AA- | none | Competitive Sale - Refunded portions of <br> 2007C | None | Public |  | No | 1011122 |
| 20178 | 12126117 | Ciligroup | 41,945,000 | 41,945,000 | 41,945,00 | 08/01228 | F | 5.00\% | Unenhanced | Unenhanced | na/AA/A | Aa3/AA-IAA. | none | Refinced portions of | None | Public |  | No | 1226612 |
| 2018 A | 0213318 | Bank of America Merrill Lynch | 114,770,000 | 111,990,000 | 101,730,000 | 08/0127 | F | 5.00\% | Unenhanced | Unenhanced | na/AA/A | A $23 / \mathrm{A}$-/AA. | none | $\begin{gathered} \text { Refunded 2014A and } \\ \text { terminated 2002B } \\ \text { Swap } \\ \hline \end{gathered}$ | None | Public |  | No | 0211323 |
| 2018B | 0272818 | JP Morgan | 103,955,000 | 98,48,000 | 98,230,000 | 08/01/28 | F | 5.00\% | Unerhanced | Unenhanced | na/AA/A | Aa3/AA-AA. | none |  | None | Public |  | No | 0213123 |
| 2018 C | 0228818 | Citigroup | $103,955,000$ 120,790,000 | 90,400,000 120,790,000 | 118,790,000 | 08/01/29 | F | 5.00\% | Unenhanced | Unenhanced | na/AAAA | Aa3/AA-AA. | 81/2028 | $\begin{array}{\|c\|} \hline \begin{array}{c} \text { Refundodad } 2003 \mathrm{BE} \text { and } \\ \text { Terminated } \\ \text { Swap } \end{array} \\ \hline \end{array}$ | None | Public |  | No | 0222823 |
| Total COPS |  |  | 1,944,613,634 | 1,273,632,375 | 1,190,585,947 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

SCHOOL BOARD OF PALM BEACH COUNTY, FLORID
SUMMARY OF OUTSTANDING OBLIGATIONS As of 10114119

| ies | Issue Da | Sr. Manager or <br> Provider | $\underset{\substack{\text { Amount }}}{\text { Original Principal }}$ | Principal Outstanding as of $6 / 3019$ | $\begin{array}{\|c\|} \text { Principal } \\ \text { Outstanding as of } \\ \text { o8/01119 } \end{array}$ | $\begin{gathered} \text { Final } \\ \text { Maturity } \end{gathered}$ | Fixed or Variable | Interest Rates | Insurer / Credit Enhancement | $\begin{array}{\|c\|} \text { Insurer Rating } \\ \text { (Moodys/ S\&P/Fitch) } \end{array}$ | School District Issuer Rating (Moodys(ISAPPIFitch) | School District Rating for coPs (Moodys/S\&PIFIitch) | Call Provisions | Purposel Comments | Exposure to Market Change | Public Offering or Direct Placement | $\begin{gathered} \text { Defaultl } \\ \text { Acceleration } \\ \text { Provisions } \end{gathered}$ | Hedged? | $\begin{gathered} \text { Arbitrage /Vield } \\ \text { Restiction } \\ \text { Computation } \\ \text { Date } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CAPITAL LEASES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {cee }}^{\substack{\text { Lease }}}$ | 0710215 | Banc of America Public Capital Corp | 14,235,296 | 2.929,962 | 1.464,981 | 02/0120 | F | 1.24\% | Unenhanced | Unenhanced |  |  | None | School Buses | None | Direct |  | No |  |
| 2015 |  | Banc of America |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Equipment | 11/81/5 | Pubic Capital | 7.152.000 | 2,213,139 | 1.475.426 | 08/0120 | F | 1.27\% | Unenhanced | Unenhanced |  |  | None | Chillers | None | Direct |  | No |  |
| 2016 Bus |  | (eanc of Americal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lease | 0318816 | ${ }_{\text {corm }}$ | 6,950,240 | 2,872,252 | 2,154,189 | 020121 | F | 1.26\% | Unenhanced | Unenhanced |  |  | None | School Buses | None | Direct |  | No |  |
| Equipment Lease | 1018118 | Public Capital <br> Corp | 16,071,427 | 15.580,863 | 13,849,656 | 08/0123 | F | 3.10\% | Unenhanced | Unenhanced |  |  | None | Chillers | None | Direct |  | No |  |
| $\underset{\text { Equipment }}{\text { 2019 }}$ |  | (eanc of America |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
| Lease | 09/06/19 | Corp |  |  |  | 080124 | F | 1.72\% | Unenhanced | Unenhanced |  |  | None | Chillers | None | Direct |  | No |  |


Grand Total


