

DATE: August 28, 2018

TO: Mayor Dean J. Trantalis  
Vice Mayor Ben Sorensen  
Commissioner Heather Moraitis  
Commissioner Steven Glassman  
Commissioner Robert L. McKinzie

FROM: Infrastructure Task Force Committee

SUBJECT: Comprehensive Report on Critical Infrastructure

Attached please find the final report on the recommendations of the Infrastructure Task Force as directed by the Commission. This information was attached in draft form as an exhibit to the recommendations made in its Communication to the City Commission addressed at the July 10<sup>th</sup> City Commission Conference Meeting.

c: Lee R. Feldman, ICMA-CM, City Manager  
Stanley D. Hawthorne, Assistant City Manager  
Christopher J. Lagerbloom, Assistant City Manager  
Alain E. Boileau, Interim City Attorney  
Jeffrey A. Modarelli, City Clerk  
John C. Herbst, City Auditor  
Paul A. Berg, Public Works Director

August 28, 2018

Hello Members of the City Commission,

The Infrastructure Task Force Committee (ITF) is pleased to submit its first comprehensive report with recommendations on the critical infrastructure issues as requested by the City Commission. This report is a culmination of many long hours of exhaustive deliberation by the members, including four (4) community meetings held in March 2018. The Report represents the recommendations, the members' thought-process as well as the basis of our recommendations.

In its Policy Retreat meeting in May 2018, the City Commission communicated to ITF to provide near-term/three-year term recommendations related to the following infrastructure issues in no particular order:

- Sewer
- Potable Water
- Storm water
- Roads
- Seawalls
- Sidewalks

In addition, the City Commission asked that ITF:

- Address the long term issue of climate change and sea-level rise impacts, and
- Not provide any recommendations for city facilities and parks at this time.

Recognizing that funding has been a major challenge over the years, the ITF also addressed the financing aspect in all four (4) recommendations. The members decided to combine Roads, Sidewalks and Seawalls under one heading and add Impact Fees as its fourth recommendation. These recommendations, which were transmitted to the City Commission for its Conference Meeting on July 10, 2018, are summarized below:

1. Water and Sewer: The ITF recommended that the utility funds remain in the utilities account and not be transferred to the General Fund via Return on Investment ("ROI"). If the Commission decides to phase out the use of ROI over time, then the phase-out period should not exceed four (4) fiscal years.
2. Stormwater: The ITF recommended that the City Commission approve a revised methodology for storm water utility rates based on a traffic-based methodology. This methodology provides a more equitable allocation of storm water fees and can help to fund the current Storm Water Master Plan. In no event should the additional funds be subject to any ROI-based transfer to the General Fund.
3. Roads, Sidewalks, and Seawalls: The ITF recommended that the City Commission should establish a minimum capital contribution to the City's Capital Improvement Program (CIP) to support the City's broader infrastructure needs, ranging in size from 7-10% of the General Fund operating budget.

4. Impact Fees:

The ITF recommended that the City Commission regularly analyze and update its impact fee structures and fees to ensure that new development is paying 'its fair share' of future infrastructure costs.

This report also includes the input from the public as to their concerns about the City's infrastructure. Their feedback is shown in Appendix A. Although the priorities varied from one Commission District to the other, the composite ranking, listed below, remained fairly similar.

- Roads (26%)
- Sewer (21%)
- Stormwater (19%)
- Sidewalks (13%)
- Parks (11%)
- Drinking Water (8%)
- Bridges (2%)
- City Buildings (1%)

The 2017 Annual Neighbor Survey, conducted by the ETC Institute, reported that the overall flow of traffic, roads, sidewalks and infrastructure were also their top priorities.

One of the most interesting findings of the community meetings was the public support for paying higher taxes for additional infrastructure costs. The caveats were that the new development pay its fair share of infrastructure improvements and that any infrastructure upgrades be constructed with efficient and sustainable results. The City Commission should consider these sentiments as it finalizes the FY 2019 budget.

The ITF will continue to work with the Commission to make the Fort Lauderdale a world-class city. We look forward to meeting with the Commission on October 10, 2018 to continue the discussion and map out the next phase of our work.

Respectfully Submitted

*Marilyn Mammano*

Marilyn Mammano, Chair  
Infrastructure Task Force

# INFRASTRUCTURE TASK FORCE COMMITTEE REPORT

## INTRODUCTION

**Establishment of the ITF.** The Infrastructure Task Force (“ITF”) Committee was created by the City Commission in March 2017, in response to concerns about the City’s infrastructure. These concerns related to a number of areas: the age and the need for upgrading and replacement of the City’s infrastructure assets; the availability and effectiveness of those assets to address the demands of growth of the City; and, significantly, the City’s experience with major sewer systems catastrophic failures in the latter half of 2016 which resulted in a series of major spills of untreated sewage.

The ITF’s initial enabling Resolution – Resolution # 17-46, adopted March 7, 2017 -- provided for both the composition of the ITF and its scope of inquiry.

As to scope, the City Commission directed the ITF to:

Section 2. Purpose and Duties.

That the purpose and duties of the Infrastructure Task Force shall be as follows:

- A. To review existing City infrastructure, including, but not limited to: roads, sidewalks, airports, seawalls, water and wastewater distribution and collection systems, treatment plants, well fields, parks and all City facilities and structures and examine their current condition; and
- B. To review and identify the repair or replacement as well as review and identify funding sources and financing alternatives for those infrastructure improvements; and
- C. To receive input from members of the public interested in infrastructure improvements within the City; and
- D. To provide a report with recommendations to the City Commission regarding improvement priorities as well as financing alternatives for said improvements.

Resolution 17-46.

As to the term of the ITF, the City Commission has provided for the ITF to continue until: March 7, 2020. Resolution # 17-281, adopted December 19, 2017.

**ITF Efforts to Date.** In the little more than a year since the ITF was created, the ITF has reviewed, in some detail, most of the City's plans relating to infrastructure including: the City's 30 year water and sewer infrastructure plan; the master plans relating to parks; and the current investigative efforts by the City to address the needs of its aging facilities under the '40 Year Inspection' requirements under Broward County regulations; among others.

**Plans.** The plans reviewed have ranged in scope from 30-year master plans establishing the needs for entire systems or infrastructure requirements (e.g.: water/sewer needs and parks), to shorter-term plans – with 5-10 year time horizons (e.g.: for roads and sidewalks). Also reviewed were plans that are still on-going -- such as the 40 Year Inspections of City facilities.

Accordingly, and not surprisingly, the various planning data available to define the City's infrastructure needs is varied, of different scopes, and is an on-going process. Planning efforts for the City's infrastructure needs will obviously continue. Most of the plans reviewed and available to the City detailed infrastructure needs and costs are available on the Public Works web link at: <https://www.fortlauderdale.gov/departments/public-works/engineering/master-plans>.

**Funding.** In addition to reviewing the available planning documents, the ITF has also tried to review and understand the capital funding processes available to the City.

The range of funding options available to the City is fairly broad from ad valorem taxes, to the use of the City's Capital Improvement Plan ("CIP") process to 'program' the City's capital expenditures over 5 year periods. Also reviewed was the availability of various debt-funding mechanisms – both General Obligation debt, as well as the possible issuance of Revenue Bonds based on available user-rate based mechanisms available in the water/sewer/storm-water utilities areas.

Again, not surprisingly, the ITF has found that the City's currently available funding sources – in the aggregate and in the absence of potential, as yet unapproved, future General Obligation bonds -- have generally proved insufficient to fully fund currently identified infrastructure needs.

**Outreach.** During the month of March 2018, the ITF undertook a series of 'outreach' meetings, in various districts within the City, to solicit input from the public as to their concerns about the City's infrastructure. The responses varied, not surprisingly, by the location and needs of the various districts.

What was surprising was the potential level of public support for paying for additional infrastructure costs; including support for both ad valorem increases, as well as support for General Obligation bonding of longer-term needs such as park improvements. While not definitive or scientific, these anecdotal experiences indicate that the City's resident may be supportive of paying for additional infrastructure costs.

See the attached **Appendix “A”** – “Summary of Outreach Meetings”, for more information about the ITF’s outreach efforts, including anecdotal comments.

## **INTERIM RECOMMENDATIONS REQUESTED BY CITY COMMISSION**

Based on feedback received during the City Commission’s policy retreat in May 2018, the Commission requested ITF to provide ‘near-term’/3-year interim recommendations related to the following major infrastructure areas (NOT listed in order of importance):

- Sewer
- Potable Water
- Storm water
- Roads (specifically ‘physical’ or ‘asphalt’-type issues)
- Seawalls
- Sidewalks

In the longer-term (beyond 3 years) the Commission also asked that the ITF consider but not necessarily make current recommendations about infrastructure issues related to sea-level rise.

In response, the ITF made four (4) recommendations at its July 6, 2018 meeting, which were reviewed and discussed by the City Commission at its Conference on July 10, 2018. They were:

- Water and Sewer Recommendations
- Stormwater Recommendations
- Roads/Sidewalks/Seawalls Recommendations
- Impact Fees Recommendations

### **A. Sewer/Potable Water.**

Background. Issues with respect to water and sewer capacity and the aging and failing nature of these City infrastructure elements - in the downtown and other areas – was a major initial impetus for the creation of the ITF.

Of particular note in this area were the catastrophic failures of major City sewer facilities in the latter half of 2016, which resulted in a series of significant spills of untreated sewage. These spills garnered the attention of the Florida Department of Environmental Protection (“FDEP”) and resulted in the beginning of an enforcement action against the City for the spills.

This action has now resulted in the City’s entering into a Consent Order with FDEP, which was approved by the City Commission in September 2017. This Consent Order generally: (i) provides for the inspection of the City’s major sewer service systems (e.g. sewer force mains and pump stations) to determine whether there are more sewer system elements which are in

need of repair or replacement; and (ii) requires the repair or replacement of at least \$97M worth of sewer system elements.

See the attached **Appendix “B”** – “FDEP Consent Order” for details about the City’s obligations under the Consent Order.

•**Plans.** A major, long-term 30-year planning study with respect to the City’s water and sewer infrastructure needs has been issued and presented to the Commission.

The study known as the “Comprehensive Utility Strategic Master Plan” was accepted by the City Commission on February 17, 2015. More easily referenced as the “Reiss Report”, this water/sewer master plan reflects the need for more than \$1 billion of water and sewer improvements over the next 30 years.

The Reiss Report is available here: <https://www.fortlauderdale.gov/departments/public-works/engineering/master-plans>. While identifying ‘needs’ over the next 30 years – some of them classified as urgent – the Reiss Report makes only limited recommendations as to available funding sources.

•**Funding.** City funding sources for water and sewer needs are primarily based on utility rates charged to users – both individual users and municipal ‘bulk’-users serviced by the City’s regional system(s). These ‘rate-based’ funds are available to the various City ‘enterprise funds’ related to water, sewer, storm water utilities, as well as some other City services. There are several such City enterprise funds – including a parking enterprise fund.

These ‘rate-based’ enterprise fund monies (collected from the users of the systems) can be used to fund water/sewer (or other utilities’) capital infrastructure needs in a number of ways: (i) internally, within the utility funds themselves (a ‘pay-as you-go’-type mechanism); or (ii) to support Commission-approved revenue bonds to fund the systems’ capital needs using bond debt; or (iii) a combination of both.

The City’s current approach is to fund the water/sewer systems’ capital needs externally, through revenue bonds sold to the bond markets. The last such revenue bond, floated and funded in earlier this year in February/March 2018, was in the amount of \$200M. These 2018 bond funds have now been allocated by the City to specific projects, and will be used to fund the City’s water and sewer capital infrastructure needs over the next 4-5 years; including the work required under the Consent Order.

As a result of this 2018 revenue bond funding, the near-term funding needs for water/sewer systems have been met. Additional funding needs for these systems, either as required under the terms of the Consent Order, or based on the longer-terms needs identified in the Reiss reports have yet to be estimated or formalized. The City’s current intention as to future funding needs is understood to be issuance of additional revenue-bonds approximately every 5 years as-needed.

See the attached **Appendix “C”** – a June 2018 analysis of the use of the March 2018 bond funds and their allocation to Consent Order, the Reiss Report priorities, and other water/sewer needs. **Note:** Approximately \$55+ million of the bond funds were allocated to ‘deferred’ or otherwise ‘now-funded’ water/sewer projects, including the Five Ash Water Plant.

See the attached **Appendix “D”** – a November, 2017 “City of Fort Lauderdale Water and Sewer Bonds - Comparison of Level Debt and Aggregate Level Debt Structures”, for more information about the City’s approach to future debt for Water/Sewer revenue bonds including the ability: to potentially free “rate-based” cash flows to fund future improvements with cash instead of additional debt, and to potentially lower the cost of financing on future debt issuances.

•**ROI.** As part of the consideration of funding mechanisms available to fund water/sewer needs (both current and future), it has to be noted that the ‘rate-based’ enterprise funds have generally been subject to the City’s use of a Return on Investment (“ROI”) mechanism to transfer monies away from the water/sewer (and other rate-based) funds to support the City’s General Revenue needs, thus reducing pressure on ad valorem tax rates.

This ROI transfer away from utility funds has the effect of reducing the utility funds’ ability to internally fund (or partially fund) the utilities’ infrastructure needs – the ‘pay-as-you go’-approach -- thus forcing a greater reliance on bonded debt (and its attendant interest costs) to finance infrastructure needs.

This financing approach, both the use of revenue bonds and the current ROI transfers is supported, as to cash flow, by annual 5% increases in the water/sewer rates charged to users. This annual increase has the effect of allowing for increases in revenue flows to support both bonded debt and potential ROI transfers.

The Reiss Report anticipated the need for significant additional expenditures within the first 5 years following the study (FY 2017- FY 2021):

“The Central Regional/Wastewater Fund (Fund 451) and Water/Sewer Master Plan Fund (Fund 454) are the two main accounts the City uses to fund wastewater projects. The rates and fees the City charges for water/wastewater services replenish the Fund 451 and Fund 454 account.

The City’s current wastewater system, while functional, requires immediate attention particularly with respect to reducing I/I and preparing for sea level rise. Most of the City’s collection system pipes are over 50 years old and reaching service life end. Based on the analysis in Table WW9- 1 above, the City has a five year funding gap of \$151M for wastewater.”

Reiss Report, page 682. The bulk of the Reiss identified ‘first 5 year’ wastewater needs have now been funded with the proceeds of the 2018 revenue bonds.

The referenced Reiss Table, WW9-1, also shows additional Reiss-defined funding shortfalls, based on the then identified and recommended FY 2017-2022 5-year needs, in the approximate amount of \$300M for those fiscal years – of which approximately \$137M are related to potable water needs.

See attached **Appendix E** -- “Reiss table WW9-1”.

Thus, the ITF recommends that water/sewer and other ‘rate based’ monies, instead of being transferred to the General Funds via ROI, should rather begin to be ‘banked’ (or otherwise accumulated within the relevant funds) in anticipation of the need for additional future capital infrastructure expenditures, or the funding of ‘emergency’ repairs which may arise.

In addition to the Reiss-identified needs, under the Consent Order with FDEP the City is required to conduct an inventory and assessment of its sewer systems to determine whether additional remedial actions will be required. These additional FDEP-mandated investigations are due to be generally concluded and to be made available for FDEP review within the next 2 years. Although not yet certain, it is possible that this set of Consent Order mandated investigations will yield the need to make additional sewer system improvements – particularly given the age of some of the sewer system’s constituent components.

### **ITF Water/Sewer Recommendations**

- **Member Ed Kwoka made the motion, seconded by member Norm Ostrau recommending to the City Commission that the rate-based monies of the Water and Sewer fund (and other utility systems, including storm-water) should remain available only internally to fund some of the infrastructure needs of those utility systems, and should not, via the Return on Investment (“ROI”), be used to offset other City general costs funded through the General Fund; provided however, if the use of ROI mechanism is to be phased out over time, that the phase-out period not exceed 4 fiscal years.**

#### **B. Storm Water**

Background. Issues with respect to the storm water infrastructure needs of the City have risen in prominence as a result of both (i) past neighborhood flooding and the dearth of storm water infrastructure facilities in certain areas of the City, and (ii) more recent concerns relating to future global warming and sea-level rise.

•Plans. The current Storm Water Master plan generally has three (3) phases. Phase I primarily consists of developing capital improvement program (CIP), developing the Master Plan and constructing minor projects that could be funded by the current stormwater revenues. While the Master Plan and CIP have been developed, construction of minor

projects continues to be work in progress. Phase II will be the construction of major projects in the seven (7) worst affected neighborhoods using the proposed stormwater bond funding (estimated range \$150 to \$200 million). An approximate horizon for the completion of Phase II is 2024-25. Phase III will run parallel to Phase II and will encompass projects beyond Phase III. Based on the best information the City's stormwater engineering staff has, Phase III projects could be completed if the bonds are floated at the high end in the amount of \$200,000.

The Storm Water Master Plan is available here:

<https://www.fortlauderdale.gov/departments/public-works/engineering/master-plans>.

- Funding. Currently available City sources for storm water funding needs are based on existing storm water utility rates charged to users (similar to the approach used for water/sewer). The methodology for these existing rates has not been revised since its implementation several years ago.

This current stormwater rate methodology, as determined by the City's utility rate consultant (Stantec), is insufficient to fund the needs of the 7 neighborhoods identified in the Storm Water Master plan without the need for significant increases in monthly storm water user fees.

The City administration has therefore studied alternative rate methodologies that could serve not only to update the storm water utility's rate structure, but also to expand the rate-based monies flowing into the storm water utility enterprise fund. This update to the rate structure would allow support of proposed revenue bonds sufficient to fund the currently identified set of needed storm water infrastructure improvements.

The shift to a TRIPs/traffic-based rate methodology will allow for the expansion of the storm water rate base, will allow for increases in funding streams sufficient to support an initial bonding capacity to fund the Storm Water Master Plan, and will more effectively and efficiently spread the costs of the storm water system to both residential and non-residential users.

### **ITF Storm Water Recommendations**

- **Member Norm Ostrau made the motion, seconded by Ed Kwoka recommending that the City Commission approve a revised methodology for stormwater utility rates, based on a traffic-based methodology, in order to allow for sufficient rate-based funds to implement the current Stormwater Master Plan; provided that such additional funds are not subject to any ROI-based transfer to the General Fund.**

The ITF further recommends: (i) that any additional stormwater utility monies or funding streams which become available not be subject to any ROI transfers; and (ii) that once approved, the new stormwater rate methodology be court-validated for bonding purposes, and then utilized to float revenue bonds sufficient to fund the current Stormwater Master Plan's improvements to the 7 identified neighborhoods; and (iii) consider use of the stormwater fund

monies to fund repair or replacement of City-owned seawalls related to storm water management, if appropriate.

The ITF would note that, in certain instances, the repair or replacement of City-owned seawalls might be necessary or important to the provision of effective stormwater management. Currently, City-owned seawall capital needs are generally funded annually or episodically through the use of General Fund revenue allocations.

In some likely future instances, in order to allow for effective stormwater management, it may be appropriate to use stormwater utility monies to fund necessary storm water management-related seawall installation or repairs. This funding approach for certain City-owned seawalls might allow for a more effective implementation of stormwater management needs.

### **C. Roads/Sidewalk/Seawalls**

Background. Roadway capacity, traffic congestion, and sidewalk conditions consistently score in the top levels of concerns in the City's annual Neighborhood Surveys. These infrastructure areas could be funded at higher, annually consistent levels. This could allow, for example, for longer-term additional roadway repair and resurfacing activities over the 5-year horizon of the CIP.

Capital infrastructure needs and funding sources for non-utility, non-rate-based infrastructure needs of the City – including roads, sidewalks and seawalls, among others -- are analyzed and addressed slightly differently than the funding approach(es) discussed above.

The various planning studies and needs analyses are basically the same, but the planning materials and data here are generally, but not always, based on shorter 5-10 year planning/needs analyses rather than the longer time horizons generally used for the utility studies.

Plans. The planning studies for these types of infrastructure are also generally available on the Public Works web page. As an example, a July 2014 "Sidewalk Inspection and Management System" report outlines a 5-year process for the inspection and repair of sidewalks with a then estimated cost of almost \$16 million, <https://www.fortlauderdale.gov/departments/public-works/engineering/master-plans>, or the Parks web page as it relates to the parks or public facilities for which the Parks and Recreation Department is responsible.

<https://www.fortlauderdale.gov/departments/parks-recreation/about-parks-and-recreation/master-plan>

For studies about roads, sidewalks and bridges: see here e.g.: the Bridge Master Plan <https://www.fortlauderdale.gov/departments/public-works/engineering/master-plans> and here for the longer-term Parks Master plan, <https://www.fortlauderdale.gov/departments/parks-recreation/about-parks-and-recreation/master-plan>.

A master plan for seawalls has only just recently been finished – February 2018 – and has not yet been presented or discussed with the ITF.

Funding. The funding mechanisms for non-utility, non-user rate-based infrastructure are different from those of utilities, and generally broadly fall into two (2) main (although not exclusive) categories:

1. Funding provided by direct annual allocation of ad valorem General Revenues via the Commission-approved General Revenue budgets or by project-level approvals also funded as part of the annual budget process; and
2. Funding provided by long-term General Obligation bonding authority approved by the voters by bond referendum.

These types of general capital infrastructure needs are funded primarily by annual budget requests of the Commission for funding via the City’s Capital Improvement 5-year Plan (“CIP”). An example of a current FY 2019 departmental CIP request by Public Works is attached as **Exhibit F**—“FY 2019 Public Works CIP Request”.

Currently established City policy sets a goal to contribute an annual minimum of 1% of General Fund ‘operating expenses’ to the City’s CIP from general revenue sources. For FY 2018 this established 1% goal would have been \$ 3.3 million.

The City’s actual annual general revenue contributions to the CIP, however, have been larger and have varied significantly year-to year: from \$8.7 million in FY 2016 (2.8% of operating expenses) to \$14.4 million in FY 2017 (4.4% of operating expenses), and to \$25.8 million in FY 2018 (7.0% of operating expenses, including a one-time addition of \$13 million based on the sale of surplus City property).

The City’s ad valorem real estate tax rate has remained the same for approximately the last 10 years. The City’s infrastructure needs, however, have not remained static. Indeed the opposite, given the need to respond to both the City’s growth, and the need to replace and repair aging infrastructure.

The ITF believes these general infrastructure needs should be funded at higher, annually consistent levels from General Revenue– through the City’s General Fund Capital Projects Fund which is the primary, and sometimes only, source of funding for these infrastructure needs. This could allow, for example, for longer term additional roadway repair and resurfacing activities over the 5-year horizon of the City’s Capital Improvement Plan (“CIP”) -- the mechanism the City uses for capital funding and its programming.

As of FY 2018's CIP, the total amount of general capital projects planned for FY 2018-2022 was: \$ 98.8 million. The unfunded amount for these same projects was \$221.9 million

### **ITF Roads/ Sidewalks/ Seawalls Recommendations**

- **Member Ed Kwoka made the motion, seconded by member Roosevelt Walters recommending the City Commission; Establish minimum annual General Revenue funded capital contributions to the City's CIP to support the City's broader infrastructure needs, ranging in size from 7-10% of the General Fund operating expenses.**

The ITF would like to see this annual contribution from the General Fund to capital projects be stable and recurring in order to allow for both improved capital planning and certainty of funding.

The overall purpose of these recommendations is to begin to have the City reverse a history of dis-investment in the City's infrastructure with the overall goal to become more proactive as to current and future city on-going infrastructure needs.

### **D. Impact Fees**

The City's impact fee structures and impact fees have not been updated for over 10 years. As the City's infrastructure needs evolve and increase over time, the impact fees must keep pace with demands of new development's infrastructure.

### **ITF Impact Fees Recommendations**

- **Member Norm Ostrau made the motion, seconded by Ed Kwoka recommending that the City Commission regularly analyze and update its impact fee structures and fees to ensure that new development is paying 'its fair share' of future infrastructure costs.**

### **NEXT STEPS**

Beyond these interim recommendations, the ITF's work continues.

There are several additional master plans that are not yet completed, or that have yet to be presented to the ITF including:

- A Seawall Master Plan dated February 2018
- Parking Master Plan, which is currently due to be completed in June 2016
- An update to a previous space needs analysis of the police headquarter/jail for potential implementation in the future to replace the existing police facilities

Too, there is another set of funding mechanisms that need to be further reviewed and analyzed:

- Use of General Obligation Bonds
- Area-specific, or infrastructure element specific, Special Assessments
- Potentially other financing mechanisms

Current initial, non-exclusive thoughts as to these issues:

- As appropriate or necessary, consider presenting the voters with General Obligation bond referenda to fund larger capital needs such as, potentially, a new police headquarters building, or for a longer-term Parks improvement plan to, for example, upgrade and add to the City's park and athletic spaces.

- In addition, also as appropriate or necessary, the City Commission should consider utilizing contractual funding mechanisms (e.g.: sales/leasebacks) or public/private partnerships to fund larger or collaborative infrastructure and facility needs. One example of such a potential 'collaborative' project that has been discussed with the ITF is the potential development, with Broward County and others, of a 'joint governmental campus' in the City's downtown which might effectively serve to replace City hall.

The ITF will continue its efforts, and will further report to the City Commission as necessary and appropriate.

APPENDIX A:        *Summary of Outreach Meetings*

APPENDIX B:        *FDEP Consent Order*

APPENDIX C:        *June, 2018 analysis of the use of the March 2018 bond funds and their allocation to Consent Order, the Reiss Report priorities, and other water/sewer needs.*

APPENDIX D:        *November, 2017 "City of Fort Lauderdale Water and Sewer Bonds - Comparison of Level Debt and Aggregate Level Debt Structures"*

APPENDIX E:        *Reiss Reports Table WW9-1, reflecting Reiss-defined priority needs for FYs 2017-2022*

APPENDIX F:        *"FY 2019 Public Works CIP Request".*

APPENDIX G:        *Portion of the FY2018 Adopted CIP reflecting current funding for general infrastructure programs*

## APPENDIX A: Summary of Outreach Meetings

Re: Infrastructure Task Force District Outreach Meetings - Summary

The Infrastructure Task Force (ITF) conducted Outreach Meetings for neighbors to express their concerns and priorities relating to infrastructure issues at the direction of the City Commission, per the Joint Workshop held on December 6, 2017. One Outreach meeting was held in each of the four districts from 7:00 PM to 9:00 PM:

- District 1, on March 19, 2018 at the Beach Community Center
- District 2, on March 27, 2018 at Holiday Park
- District 3, on March 21, 2018 at Joseph Carter Park
- District 4, on March 22, 2018 at Hortt Park

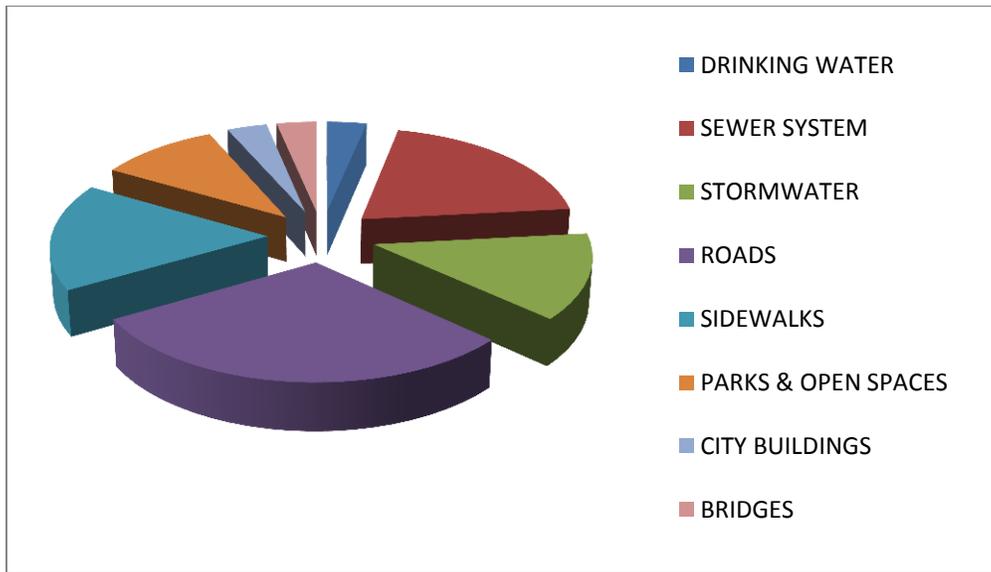
It was determined that the meetings should take place after the March 13, 2018 city elections. The topics were determined by identified issues of priority as directed by Mayor Seiler at its June 5, 2017 meeting; as well as, priorities identified by the Consent Order, Emergency Declaration and subsequent issues determined by the Board. The eight topics were:

1. Drinking water
2. Sewer System
3. Stormwater
4. Roads
5. Sidewalks
6. Parks and Open Spaces
7. City Buildings
8. Bridges

Chairperson Marilyn Mammano hosted the four meetings. Four or more board members were present at each meeting. Each neighbor attending was tasked with providing his/her top three infrastructure concerns. Percentages represent the votes given to each concern divided by the number of attendees. The top three concerns in each district are bolded.

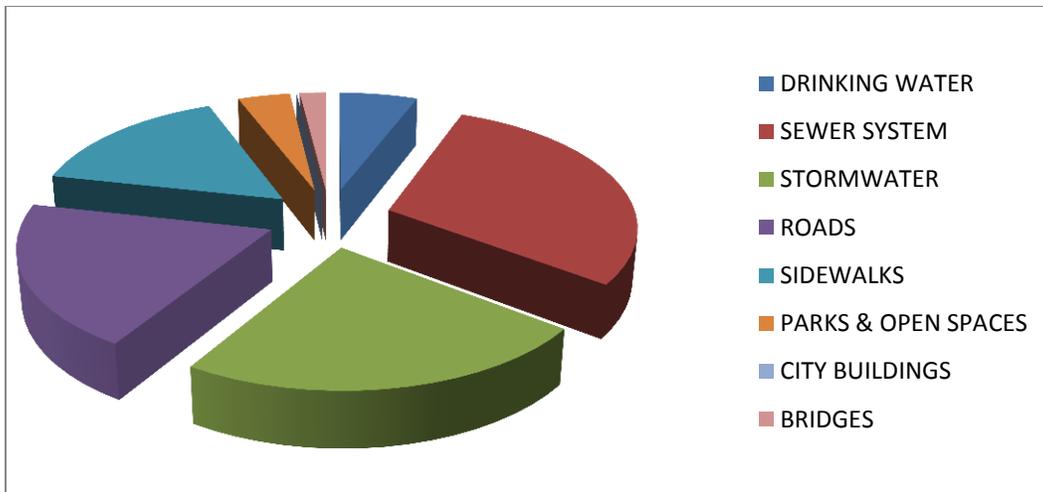
## DISTRICT 1, MARCH 19, 2018

TOPICS	NO. OF DOTS
DRINKING WATER	3%
<b>SEWER SYSTEM</b>	20%
STORMWATER	13%
<b>ROADS</b>	30%
<b>SIDEWALKS</b>	17%
PARKS & OPEN SPACES	10%
CITY BUILDINGS	3%
BRIDGES	3%



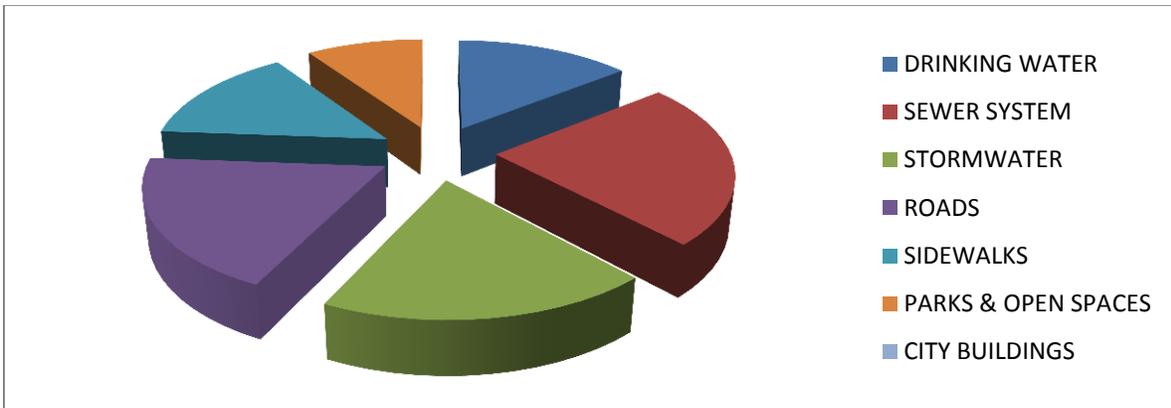
## DISTRICT 2, MARCH 27, 2018 HOLIDAY PARK

TOPIC- Dots Received	
DRINKING WATER	6%
<b>SEWER SYSTEM</b>	29%
<b>STORMWATER</b>	24%
<b>ROADS</b>	20%
SIDEWALKS	16%
PARKS & OPEN SPACES	4%
CITY BUILDINGS	0%
BRIDGES	2%



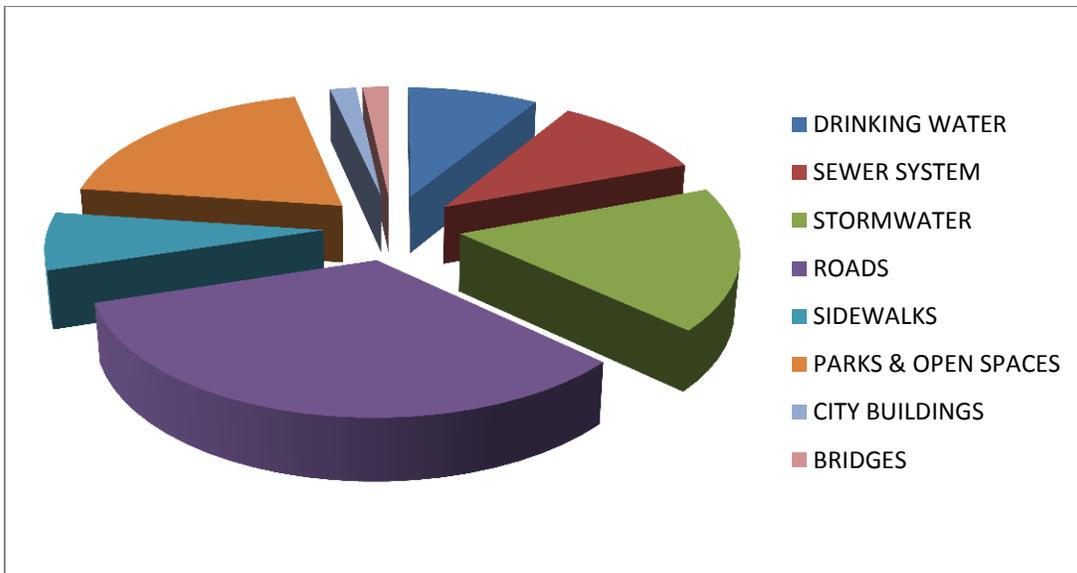
## DISTRICT 3, MARCH 21, 2018 JOSEPH CARTER PARK

DRINKING WATER	14%
<b>SEWER SYSTEM</b>	24%
<b>STORMWATER</b>	19%
<b>ROADS</b>	19%
SIDEWALKS	14%
PARKS & OPEN SPACES	10%
CITY BUILDINGS	0%
BRIDGES	0%

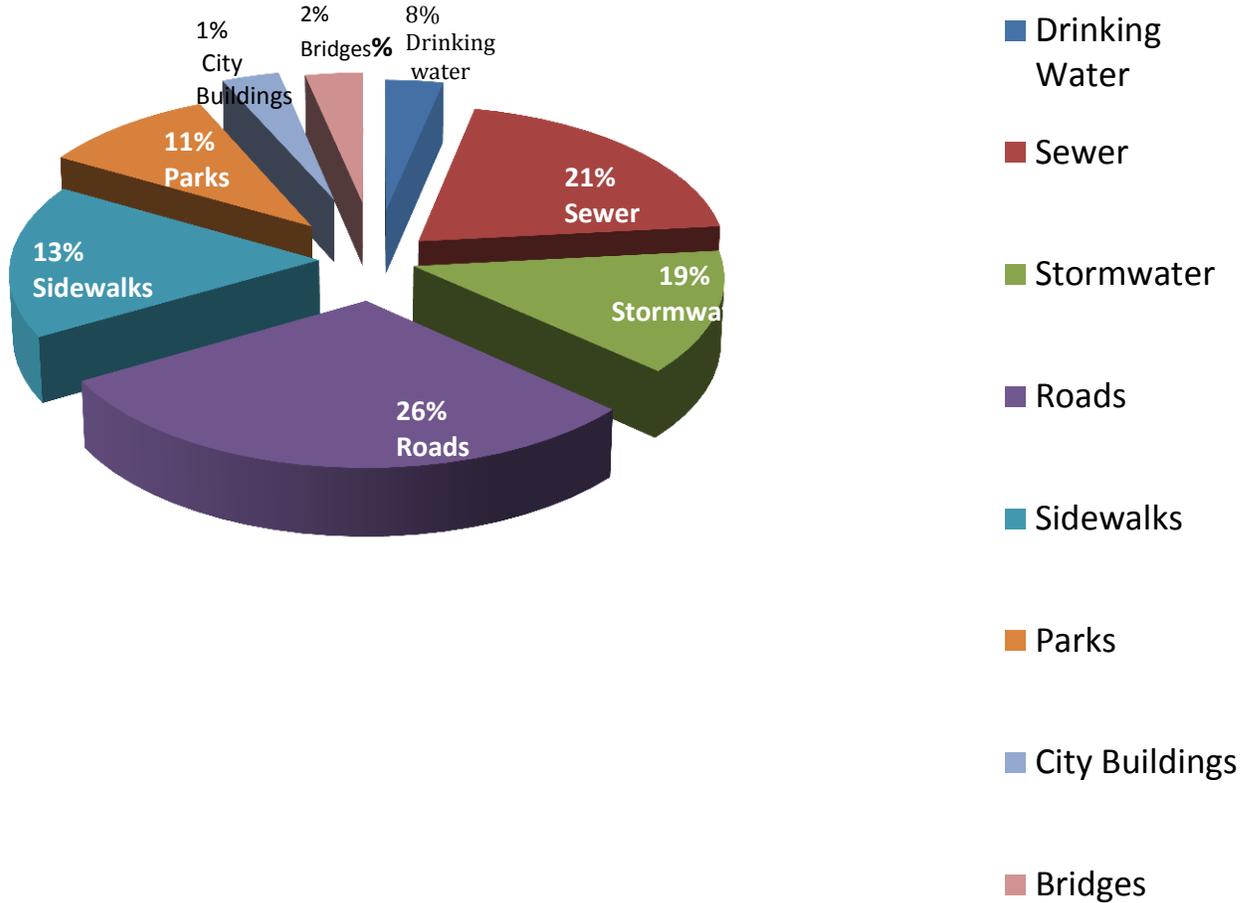


## DISTRICT 4, March 22, 2018 Hortt Park

TOPIC	
DRINKING WATER	9%
SEWER SYSTEM	11%
<b>STORMWATER</b>	18%
<b>ROADS</b>	33%
SIDEWALKS	7%
<b>PARKS &amp; OPEN SPACES</b>	19%
CITY BUILDINGS	2%
BRIDGES	2%



## City-Wide Concerns Infrastructure Task Force Outreach Meetings



### Summary of Concerns Infrastructure Task Force Outreach Meetings

A number of comments were made under the general headings listed below. There is no order of importance and several comments had multiple persons stating the same/similar concerns. The comments listed include concerns of operation or maintenance which remain outside the venue of the Infrastructure Task Force. Recordings of the meetings are available upon request

## **ROADS:**

- "Cut through" traffic on formerly quiet residential streets
- Traffic lights not in sync several lights to get through intersections creates cut through issues to neighborhoods
- Bridge openings too slow and during peak traffic hours
- length of time MOT barriers are in place and no work being done
- tearing up the same roads too often.
- A1A too narrow for EMS vehicles
- Better coordination with County and State projects to minimize the same road under construction
- Bike lanes for and against
- Need for small shuttle type buses that run frequently
- Developers creating traffic congestion due to design of ingress/egress (Trader Joes)
- All buses have a pull out
- Roundabouts, pros and cons

## **SEWER:**

- Smells from GTL and manholes
- Amount of sewage spilled into the waterways
- Health concerns for water sports
- Developers not paying fair share of impact fees
- Capacity of pipes from new development to plant not being taken into account
- Lifespan of pipe lining vs replacement
- Inflow/Infiltration
- Water & Sewer dollars diverted to other city matters
- 5% yearly increase in fees
- GTL in a flood zone what is the backup
- Diverting money from Water and Sewer to other City matters

## **STORMWATER:**

- Flooding and property value
- Cost to repair and increasing fees
- Seawalls
- Climate change and sea level rise accounted for in all planning and construction
- Swales
- Rate structure of fees
- Flooding areas not part of the Master Plan (Melrose Manors)
- Sink holes -2-3 months to fix
- Maintenance schedule for storm drains
- Many cars lost to flooding – no city action (Dorsey Riverbend)
- Road by canal – needs lights on long poles to mark where street ends and canal begins when flooding.

## **SIDEWALKS:**

- Install on heavy traffic streets in each neighborhood
- Installed, repaired, maintained by City
- Takes from swale both esthetic and drainage concerns
- Not wanted everywhere
- ADA and crosswalks insufficient on busy street (Sistrunk)
- Wider sidewalks for ADA
- Widen street vs adding or widening sidewalks
- Broken sidewalks and liability for slip and falls
- FPL has poles in middle of sidewalk
- Sidewalks cut property in half
- Sidewalks lessen swales for absorption of water

- Concern for the vulnerable citizens safety and mobility
- With 12,000 residential units in downtown, built, building and planned, sidewalks should be mandatory – people walking in the street

#### **PARKS:**

- Maintain parks don't add any new
- Pocket parks attract homeless
- Playground equipment over 30 years old
- Parks every 6 blocks
- More staff to add activities and safety
- Safety from drugs and other similar behaviors
- Contaminated - Lincoln Park and Wingate
- Park assessment ok only if money goes to parks
- Use vacant lots for pocket parks
- Environmental and equitable justice (Flagler Village vs Sistrunk)
- Fence around Riverland Park
- More pickle ball indoors
- Do not stop senior activities when school is out for children's activities - balance

#### **DRINKING WATER:**

- Testing for contaminates (Flint MI)
- Frequency of testing
- Water color
- Use of gray water plan

#### **BRIDGES**

- FEC RR bridge suggest it opens only 16 times instead of 32 by timing better
- Freight and RR use growing – would like FEC to do an APP to let boaters and traffic know when the trains will be stopping traffic or opening bridges to allow route planning

#### **CITY BUILDINGS**

- No comments

#### **GENERAL COMMENTS**

- Do a grid of needs vs. wants vs costs from high to low to determine priorities
- Moratorium for construction until sewer infrastructure is repaired
- Lining cutting the diameter of the pipe – Ralph explained about tradeoff for more coefficient flow
- Does the City look at “best practices” research what other cities are doing?
- Transparency with how money is being spent and whether it is being used for the purpose it is collected

APPENDIX B: FDEP Consent Order

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA, DEPARTMENT	)	IN THE OFFICE OF THE
OF ENVIRONMENTAL PROTECTION	)	SOUTHEAST DISTRICT
	)	
v.	)	OGC FILE NO. 16-1487
	)	
CITY OF FORT LAUDERDALE	)	
_____	)	

**CONSENT ORDER**

This Consent Order (Order) is entered into between the State of Florida Department of Environmental Protection (Department) and the City of Fort Lauderdale (Respondent) to reach settlement of certain matters at issue between the Department and the Respondent.

The Department finds and the Respondent neither admits nor denies the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (F.S.), and the rules promulgated and authorized in Title 62, Florida Administrative Code (F.A.C.). The Department has jurisdiction over the matters addressed in this Consent Order.

2. The Respondent is a municipal corporation in the State of Florida and a person within the meaning of Section 403.031(5), F.S.

3. The Respondent is the owner and is responsible for the operation of the following:

a) The G.T. Lohmeyer Wastewater Treatment Plant, a 56.6 million gallons per day, pure oxygen activated sludge facility with secondary effluent disposed of via 5 deep injection wells (Facility). The Facility is operated under Wastewater Permit No. FLA041378-014 (Permit), which was issued by the Department on May 4, 2016, and will expire on September 6, 2021. The Facility is located at 1765 SE 18<sup>th</sup> Street, Fort Lauderdale, Florida, 33309, in Broward County, Florida (Property). The Respondent owns the Property on which the Facility is located.

b) The domestic wastewater collection and transmission system (Collection System) serves the Respondent and its customers. The Collection System delivers the collected wastewater to the Facility for treatment and disposal.

4. The Department makes the following findings of fact and conclusions of law to which the Respondent neither admits nor denies:

a) During the period from January 1, 2014 to the effective date of this Consent Order, the City released untreated wastewater from the Collection System into surface waters and/or groundwaters of the State as follows:

Date	Volume (gallons)
02/05/17	123,041
4/28/17	1,500
4/30/17	1,350
5/19/17	9,874
5/26/17	154,270
6/14/17	3,000
6/19/17	3,900
6/30/17	3,000
8/4/2017	2,000
8/28/2017	100,000
8/30/2017	1,000
8/31/2017	23,730

Date	Volume (gallons)
12/30/16	17,460
12/19/16	145,887
12/17/16	2,545,560
12/01/16	4,820
07/18/16	79,800
06/23/16	10,620,000
06/23/16	3,217,501
6/23/16	852,499
06/22/16	1,000
03/18/16	94,828
02/16/16	1,820,000
02/14/16	1,000
01/07/16	6,525

Date	Volume (gallons)
10/29/15	177,250
10/26/15	100,965
10/23/15	279,930
10/20/15	13,500
10/14/15	1,000
10/08/15	2,000
09/28/15	76,308
09/20/15	2,000
09/06/15	10,000
08/19/15	8,000
07/31/15	3,600
07/05/15	5,000
06/29/15	3,335
05/09/15	50,400
04/30/15	25,000
01/26/15	1,500
01/22/15	12,900

Date	Volume (gallons)
12/22/14	73,815
11/16/14	4,200
07/16/14	46,575
07/10/14	24,480
05/18/14	212,500
05/06/14	4,000
03/31/14	1,600

b) The Department finds that the foregoing releases in Paragraph 4(a) violate Rule 62-604.130, F.A.C.

5. This Consent Order has been entered into by the Respondent for the purposes of settlement only. Accordingly, neither the recitals nor the Department's findings in this Consent Order, nor the terms and conditions of this Consent Order, nor the Respondent's compliance with those terms and conditions, shall be construed in any legal or administrative action, proceeding

or litigation, as an admission that the Respondent has violated any statute, regulation, or ordinance or has otherwise committed a breach of any duty at any time, or of any fact, inference or conclusion of law.

Having reached a resolution of the matter, the Respondent and the Department mutually agree and it is hereby **ORDERED**:

6. Respondent shall comply with the following corrective actions within the stated time periods:

a) No later than February 28<sup>th</sup>, 2018, the Respondent shall replace approximately 1900 linear feet (lf) of 12” diameter force main at high risk of failure along Las Olas Blvd. The cost of this project is estimated at \$1,500,000.00.

b) No later than May 31<sup>st</sup>, 2018, the Respondent shall replace approximately 11,620 lf of failing 30” diameter force main that connects Repump Station A, located on Sistrunk Blvd, to the force main located at the intersection of SW 6<sup>th</sup> Ave and 7<sup>th</sup> St. The cost of this project is estimated at \$8,700,000.00.

c) No later than September 30<sup>th</sup>, 2020, the Respondent shall complete the pump station rehabilitation and replacement projects listed in *Exhibit A: Phase I Projects*, in order to facilitate existing flows capacity and future projected increase in demands.

d) No later than September 30<sup>th</sup>, 2020, the Respondent shall complete the infiltration/inflow (I/I) projects listed in *Exhibit B: Phase I Projects*, in order to reduce flows and lower peak demands and stresses on the system during rain events.

e) No later than September 30<sup>th</sup>, 2026, the Respondent shall complete the following force main rehabilitation projects listed in *Exhibit C of Phase II Projects*, in order to repair and/or replace the infrastructure with the highest risk of failure.

f) **Existing Schedule:** Within 90 days of the effective date of this Consent Order, the Respondent shall provide to the Department the existing schedule for repair, upgrade, or replacement of existing Collection System assets during the next 2 years, including schedules for repair, upgrade, or replacement of the existing force mains, gravity mains, isolation and other control valves, air release valves, access and conflict manholes, and pump stations.

g) **Mapping Plan:** Within 9 months of the effective date of this Consent Order, the Respondent shall submit a Plan to the Department for review and comment detailing

how the Respondent will develop a complete map of the existing Collection System within the City's geographic boundaries, including all existing or in-construction force mains, gravity mains, isolation and other control valves, air release valves, access and conflict manholes, pump stations, and directional flow routes of each of these components to pump stations and the receiving Facility. The Department will provide comments on the Mapping Plan within 30 days of submittal by Respondent. Mapping will include both existing and under-construction components. Directional flows, including flows to any alternate Facility not belonging to the Respondent, will be shown on the maps. Inactive mains and related appurtenances with shut-off valves should be illustrated and highlighted to define their unique operationally inactive status. Maps will be maintained in such a manner that they can be accessed quickly and easily by maintenance and repair crews at all times and from multiple locations, to facilitate prompt and efficient responses to emergencies. As new construction is completed, the Respondent will incorporate as-built drawings of the new components into the maps. Within 21 months of the effective date of this Consent Order, the Respondent shall certify to the Department in writing that mapping is complete in accordance with the terms of this paragraph. Respondent shall contemporaneously provide the Department with a description of the storage and retrieval methods and the availability of the maps to City field staff.

h) **Force Main Condition Assessment:** Within 10 months of the effective date of this Consent Order, the Respondent shall submit to the Department for review and comment a plan for completing an assessment of the current condition of all force mains in the collection system within the Respondent's jurisdiction, in sufficient detail that the resulting assessment can be used to schedule improvements of aging or deteriorating pipes, connections, valves, and appurtenances. The plan shall include the methods to be used and a schedule for conducting the assessment. The Department will provide comments on the Force Main Condition Assessment within 30 days of submittal by Respondent. The final completion date for the assessment shall be no later than 18 months from the date of Respondent's receipt of Department comments on the plan. Within 60 days of completion of the assessment, the Respondent shall submit to the Department a report summarizing the results of the condition assessment.

i) **Asset Management and CMOM Program Development Plan:** Within 11 months of the effective date of this Consent Order, the Respondent shall submit for

Department review and comment a plan to develop an Asset Management and Capacity, Management, Operations and Maintenance Program (AM and CMOM Program). The Department will provide comments on the AM and CMOM Plan within 30 days of submittal by Respondent. The plan shall describe how the Respondent will develop the AM and CMOM Program, including the items required in Subpara. 6(k) below, and follow the Environmental Protection Agency's (EPA) guidance in the following references, available along with additional references via [www.epa.gov](http://www.epa.gov):

- EPA 305-B-05-002, *Guide for Evaluating Capacity, Management, Operation, and Maintenance (CMOM) Programs at Sanitary Sewer Collection Systems*
- EPA 816-F-08-014, *Asset Management: A Best Practices Guide*

j) **Capacity Evaluation:** Within 20 months of the effective date of this Consent Order, the Respondent shall complete an evaluation of the capacity of the Collection System, including all existing force mains, gravity mains, and pump stations. Within 22 months of the effective date of this Consent Order, the Respondent shall submit to the Department a report summarizing the results of the capacity evaluation, specifically identifying any assets with insufficient capacity for current and known projected demands over the next 10 years.

k) **Asset Management and CMOM Program:** Within 18 months of Respondent's receipt of the Department's comments on the AM and CMOM Program Development Plan required in Subpara. 6(i) above, the Respondent shall submit for Department review and comment the written AM and CMOM Program for ongoing management of the Collection System. The Department will provide comments on the AM and CMOM Program within 30 days of submittal by Respondent. The Program shall be consistent with the EPA guidance referenced in Subpara. 6(i) above, and shall include the following:

- i) a description of grease trap ordinance requirements and the compliance monitoring and enforcement program conducted by the Respondent;
- ii) a description of how and when information from the mapping, capacity evaluation, force main condition assessment, manufacturer's maintenance and replacement recommendations, spill data, gravity sewer information, and other pertinent sources will be stored, periodically updated, and used in the ongoing Program;
- iii) a description of how repairs, upgrades, and replacement of

Collection System assets will be determined to be needed, prioritized, authorized, and funded, with priority given to those assets identified as critical within the City's Master Plan.

l) **Asset Management and CMOM Program Schedules:** At the time Respondent submits the Asset Management and CMOM Program to the Department for review and comment, Respondent shall also submit for Department review and approval (the Department shall provide a written response to the Respondent within 30 days of receipt ) the Asset Management and CMOM Program Schedules listed below:

i) a schedule for implementing the AM and CMOM Program, including when any software upgrades or integrations needed for initial implementation of the Program will be completed and put into service, when databases the software relies upon will be populated with the information from the sources listed in 6(k)(ii) above, and when the AM and CMOM Program will be fully incorporated into planning, funding, procuring resources, and scheduling work;

ii) a schedule showing the completion date for construction of each Phase II Improvement Project identified in Exhibit C;

iii) a schedule for any other projects that need to be added to Phase II, as identified by the Force Main Condition Assessment.

m) Unless otherwise specified herein, Respondent has the right to challenge any final agency action including any determination by the Department hereunder, pursuant to Chapter 120 Fla. Stat. At the election of either the Respondent or Department, the Respondent and Department shall schedule an informal meeting to attempt a good faith resolution of any disputes that may arise under decision made hereunder; thereafter to the extent that the Respondent or Department remain aggrieved, the Department and Respondent may exercise any rights they may have under applicable statutes and administrative code rules.

n) Upon approval by the Department, the AM and CMOM Program implementation schedule and the Phase II improvements schedule shall be incorporated herein as enforceable parts of this Consent Order. It is the Respondent's responsibility to complete planning, budgeting and funding allocation, permitting, procurement, bidding and awarding each project, and initiation of construction on a schedule that will result in completion of construction by the dates required in this Consent Order. However, subsequent changes to schedules adopted

pursuant to this Consent Order may be modified by mutual agreement of the Parties in writing.

o) Every 6 calendar months after the effective date of this Consent Order, the Respondent shall submit to the Department a written progress report on the status and progress of projects being completed under this Consent Order, including the following information:

i) the status of compliance or noncompliance with the applicable requirements of this Consent Order, and any reasons for noncompliance;

ii) the status of each of the Phase I and II projects listed in Exhibit A, B, and C; and

iii) a projection of the work the Respondent will perform pursuant to this Consent Order during the 12-month period following the report.

p) The Respondent shall submit progress reports to the Department on or before July 31, for the period from January 1 through June 30, and on or before January 31, for the period from July 1 through December 31 each year.

7. Notwithstanding any other time periods described above, Respondent shall complete all corrective actions required by Paragraph 6 on or before September 30, 2026, and be in full compliance with Chapter 62-604, F.A.C., other than those excused delays agreed to by the Parties, as described in Paragraph 17.

8. Within 180 days of the effective date of this Consent Order, Respondent shall submit to the Department an updated written estimate of the total cost of the corrective actions in Subpara. 6(a) through 6(l), including costs of the Phase I improvements. Within 180 days of the completion of the Force Main Condition Assessment, Respondent shall submit to the Department an updated written estimate of the total cost of the Phase II projects in Exhibit C, along with the costs for any other assets in need of repairs, rehabilitation, or replacement as identified by the Force Main Condition Assessment. Each written estimate shall identify the information Respondent relied upon to provide the estimate.

9. Respondent agrees to pay to the Department stipulated penalties in the amount of \$100.00 per day for each and every day Respondent fails to comply with paragraphs 6 through 8 and 26 of this Consent Order.

10. For each day an unauthorized discharge from the Facility or the Collection System occurs during the effective period of this Consent Order, that do not qualify as Excusable

Discharges, as defined in subparagraph 10.b), below, Respondent agrees to pay stipulated penalties as follows:

a)	<u>Amount per day per Discharge</u>	<u>Discharge Volume</u>
	\$500.00	Up to 5,000 gallons
	\$1,000.00	5,001 to 10,000 gallons
	\$2,500.00	10,001 to 25,000 gallons
	\$5,000.00	25,001 to 100,000 gallons
	\$10,000.00	In Excess of 100,000 gallons

b) The Department will evaluate each spill on a case-by-case basis to determine whether the spill was beyond Respondent's reasonable control; whether Respondent is exercising prudent wastewater utility practices to reduce the frequency of spills; and whether Respondent took timely and appropriate actions to reduce the environmental impact of the spill(s). A stipulated penalty will be applied to any spill where Respondent fails to provide the Department with sufficient information to demonstrate that the spill qualifies as an Excusable Discharge. For the purposes of this Order, an Excusable Discharge is a spill that resulted from a temporary, infrequent incident that was beyond the reasonable control of Respondent.

Excusable Discharges include, but are not limited to the following:

i) Extraordinary acts of nature, including but not limited to, rainfall equal to or 6 inches of rain in a 24-hour period, hurricanes, tropical storms, extreme high-tide events, tornadoes, wild fires, lightning strikes, or events where a State of Emergency is declared;

ii) Actions by third parties unrelated to Respondent, including construction accidents, vehicular accidents, or vandalism; actions related to a contractor acting on behalf of Respondent is not an Excusable Discharge.

iii) Blockages that could not be prevented by reasonable measures and due diligence;

iv) Unexpected sudden structural, mechanical, or electrical failure that could not be avoided by reasonable measures and due diligence; and

v) Spills that are attributable to parts of the Collection System that are undergoing rehabilitation that could not be avoided by reasonable measures and due diligence.

11. The Department may demand stipulated penalties on an annual basis at any time after violations occur beginning upon the effective date of this Order. Respondent shall pay

stipulated penalties owed within 60 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 14, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Consent Order. Any stipulated penalties assessed under this Paragraph shall be in addition to civil penalties agreed to in Paragraph 12 of this Order.

12. Within 90 days of the effective date of this Order, Respondent shall pay the Department \$339,577.00 in settlement of the regulatory matters addressed in this Consent Order. This amount includes \$334,577.00 for civil penalties and \$5,000.00 for costs and expenses incurred by the Department during the investigation of this matter and the preparation and tracking of this Order.

13. In lieu of making cash payment of \$334,577.00 in civil penalties as set forth in Paragraph 12 above, Respondent may elect to off-set this amount by implementing an in-kind penalty project, which must be approved by the Department. An in-kind project must be either an environmental enhancement, environmental restoration or a capital/facility improvement project. The Department may also consider the donation of environmentally sensitive land as an in-kind project. The value of the in-kind penalty project shall be one and a half times the civil penalty off-set amount, which in this case is the equivalent of at least \$501,865.50. If Respondent chooses to implement an in-kind project, Respondent shall notify the Department of its election by certified mail within 15 days of the effective date of this Consent Order. If Respondent elects to implement an in-kind project as provided in this Paragraph, then Respondent shall comply with all the requirements and time frames in Exhibit D entitled In-Kind Projects. Notwithstanding the election to implement an in-kind project, payment of the remaining \$5,000.00 in costs must be paid within 30 days of the effective date of this Consent Order.

14. Respondent shall make all payments required by this Consent Order by cashier's check, money order, City check or on-line payment. Cashier's check, money order, or City check shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Consent Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal: <http://www.fldepportal.com/go/pay/>. It will take several days after this Order is final, effective,

and filed with the Clerk of the Department before ability to make online payment is available.

15. Except as otherwise provided, all submittals required by this Order shall be submitted via email at [sed.wastewater@dep.state.fl.us](mailto:sed.wastewater@dep.state.fl.us), or sent to Wastewater Compliance Assurance Program, Department of Environmental Protection, 3301 Gun Club Road, MSC 7210-1, West Palm Beach, FL 33406.

16. Respondent shall allow all authorized representatives of the Department access to the Facilities and the Properties at reasonable times for the purpose of determining compliance with the terms of this Consent Order and the rules and statutes administered by the Department.

17. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Consent Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day of the event and shall, within seven calendar days, notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

18. The Department, for and in consideration of the complete and timely performance

by Respondent of all the obligations agreed to in this Consent Order, hereby waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Consent Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Consent Order.

19. This Consent Order is a settlement of the Department's civil, administrative, and delegated authority arising under Chapter 403, Florida Statutes, to resolve the matters addressed herein. This Consent Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Consent Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

20. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Consent Order.

21. Respondent is fully aware that a violation of the terms of this Consent Order may subject Respondent to judicial imposition of damages, civil penalties up to \$10,000.00 per day per violation, and criminal penalties.

22. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order other than a dispute as described in paragraph 6(l).. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

23. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

24. The terms and conditions set forth in this Consent Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

25. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon

the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

26. Respondent shall publish the following notice in a newspaper of daily circulation in Broward County, Florida. The notice shall be published one time only within 15 days of the effective date of the Consent Order. Respondent shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF CONSENT AGREEMENT

The Department of Environmental Protection (“Department”) gives notice of agency action of entering into a Consent Order with the City of Fort Lauderdale, pursuant to section 120.57(4), Florida Statutes. The Consent Order addresses alleged unpermitted wastewater and effluent discharges from the City’s wastewater facilities and associated wastewater collection/transmission systems to State waters, and the implementation plan to minimize further discharges. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department’s final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

- a) The OGC Number assigned to this Consent Order;
- b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner’s representative, if any, which shall be the address for service purposes during the course of the proceeding;
- c) An explanation of how the petitioner’s substantial interests will be affected by the

Consent Order;

- d) A statement of when and how the petitioner received notice of the Consent Order;
- e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;
- f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order.
- g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and
- h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at Florida Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

27. Rules referenced in this Order are available at:

<http://www.dep.state.fl.us/legal/Rules/rulcllist.htm>.

CITY OF FORT LAUDERDALE

ATTEST:

*JAM*

Jeffrey A. Modarelli, City Clerk  
City Clerk

*J. Seiler*

John P. "Jack" Seiler, Mayor  
Mayor

*L.R. Feldman*

Lee R. Feldman, City Manager

(SEAL)



Approved as to Legal Form

*Rhonda Montoya Hasan*

Rhonda Montoya Hasan  
Assistant City Attorney

DONE AND ORDERED this # day of Month, 2017, in Palm Beach County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

*Jennifer K. Smith*

Jennifer K. Smith  
District Director  
Southeast District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk,  
receipt of which is hereby acknowledged.

*Rachul Osborne*

Clerk

*9/29/17*

Date

Copies furnished to:  
Lea Crandall, Agency Clerk

Mail Station 35



**EXHIBIT A**  
**Phase I Projects**

Project #	Phase I Project Name	Description	Preliminary Cost Estimate
454-P12124.454-6599	Central Beach Alliance PSD41	Replace pump station #PSD41	\$2,200,000
454-P12202.454-6599	Pump Station D-11	Flow analysis & design for pump station rehabilitation	\$500,000
454-P12133.454-6599	Pump Station A-13	Redirect E of F for pump station A-13	\$2,100,000
454-P11879.454-6599	Pump Station B-10	Rehabilitate pump station B-10	\$1,500,000
454-P11881.454-6599	Pump Station D-45	Replace pump station D-45	\$525,000
Preliminary Cost Estimate for Phase I Projects listed here			\$6,825,000

**EXHIBIT B**  
**Phase I Projects**

Project #	Phase I Project Name	Description	Preliminary Cost Estimate
454-P11563.454-6599	Victoria Park Sewer Basin A-19	Rehabilitate main line sewers, manholes, and service laterals to reduce infiltration & inflow	\$5,352,000
454-P11566.454-6599	Rio Vista Sewer Basin D-43	Rehabilitate main line sewers, manholes, and service laterals to reduce infiltration & inflow	\$2,960,000
454-P11991.454-6599	Downtown Pump Station A-7	Rehabilitate main line sewers, manholes, and service laterals to reduce infiltration & inflow	\$8,224,000
454-P12049.454-6599	Flagler Heights Sewer Basin A-21	Rehabilitate main line sewers, manholes, and service laterals to reduce infiltration & inflow	\$883,000
454-P12055.454-6599	Sewer Basin A-18	Rehabilitate main line sewers, manholes, and service laterals to reduce infiltration & inflow	\$4,198,000
454-P12001.454-6599	Sewer Basin D-40	Rehabilitate main line sewers, manholes, and service laterals to reduce infiltration & inflow	\$100,000
Preliminary Cost Estimate for Phase I Projects listed here			\$21,717,000

**EXHIBIT C**  
**Phase II Projects**

Phase II Project Name	Description	Preliminary Cost Estimate*
NE 25 <sup>th</sup> Ave. 24" Force Main	Replace or rehabilitate approx. 5,500 feet of RCP force main along NE 25 <sup>th</sup> Ave.	\$6,387,000
NE 38 <sup>th</sup> St & NE 19 <sup>th</sup> Street 42" Force Main	Replace or rehabilitate approx. 8,000 feet of DIP force main along NE 38 <sup>th</sup> Street, and install 3,000 feet of new 24" force main along NE 19 <sup>th</sup> Street	\$9,326,000
NW 5 <sup>th</sup> St., NW 9 <sup>th</sup> Ave., & W. Sistrunk Blvd. 30" Force Main	Replace or rehabilitate approx. 12,000 feet of CIP force main along NW 5 <sup>th</sup> St. & NW 9 <sup>th</sup> Ave., and install 6,000 feet of new 24" force main along Sistrunk Blvd.	\$11,769,000
SE 10 <sup>th</sup> Ave. 48" Force Main	Replace or rehabilitate approx. 13,400 feet of DIP force main, and install 5,400 feet of parallel new 36" force main	\$17,746,000
US 1 48" Force Main	Replace or rehabilitate approx. 6,000 feet of DIP force main, and install 5,100 feet of parallel new 48" force main along US 1	\$6,910,000
Treatment Plant to Injection Wells Effluent Force Main	Replace or rehabilitate the PCCP effluent force main leading from the G.T. Lohmeyer facility to the deep injection wells	\$3,142,000
NW 13 <sup>th</sup> Ave. 24" Force Main	Replace or rehabilitate approx. 3,300 feet of CIP force main along NW 13 <sup>th</sup> Ave.	\$1,914,000
NE 9 <sup>th</sup> St. to Birch Rd River Crossing 18" Force Main	Replace or rehabilitate approx. 1,000 feet of DIP force main river crossing from NE 9 <sup>th</sup> Street to Birch Road	\$434,000
Preliminary Cost Estimate for Phase II Projects listed here*		\$57,628,000

\* Preliminary costs assume complete replacement. The Force Main Assessment will determine work to be done on each project.

EXHIBIT D  
**In-Kind Projects**

A. Within sixty (60) days of the effective date, the City shall submit, by certified mail, a detailed in-kind project proposal to the Department for evaluation. The proposal shall include a summary of benefits, proposed schedule for implementation and documentation of the estimated costs which are expected to be incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the in-kind project.

B. If the Department requests additional information or clarification due to a partially incomplete in-kind project proposal or requests modifications due to deficiencies with Department guidelines, The City shall submit, by certified mail, all requested additional information, clarification, and modifications within fifteen (15) days of receipts of written notice.

C. If upon review of the in-kind project proposal, the Department determines that the project cannot be accepted due to a substantially incomplete proposal or due to substantial deficiencies with minimum Department guidelines; The City shall be notified, in writing, of the reason(s) which prevent the acceptance of the proposal. The City shall correct and redress all of the matters at issue and submit, by certified mail, a new proposal within thirty (30) days of receipt of written notice. In the event that the revised proposal is not approved by the Department, The City shall make cash payment of the civil penalties as set forth in Paragraph 12 of this Consent Order, within thirty (30) days of Department notice.

D. Within one-hundred twenty (120) days of the Effective Date, the City shall obtain approval for an in-kind project from the Department. If an in-kind project proposal is not approved by the Department within one-hundred twenty (120) days of the Effective Date, then The City shall make cash payment of the civil penalties as set forth in Paragraph 12 of this Consent Order, within thirty (30) days of Department notice.

E. Within one-hundred eighty (180) days of obtaining Department approval for the in-kind proposal or in accordance with the approved schedule submitted pursuant to Paragraph A above, The City shall complete the entire in-kind project.

F. During the implementation of the in-kind project, The City shall place appropriate sign(s) at the project site indicating that The City's involvement with the project is the result of a

Department enforcement action. The City may remove the sign(s) after the project has been completed. However, after the project has been completed the City shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

G. In the event the City fails to timely submit any requested information to the Department, fails to complete implementation of the in-kind project or otherwise fails to comply with any provision of this paragraph, the in-kind penalty project option shall be forfeited and the entire amount of civil penalties shall be due from the City to the Department within thirty (30) days of Department notice. If the in-kind penalty project is terminated and The City timely remits the \$334,577.00 penalty, no additional penalties shall be assessed under Paragraph 11 of this Consent Order for failure to complete the requirement of this paragraph.

H. Within fifteen (15) days of completing the in-kind project, the City shall notify the Department, by certified mail, of the project completion and request a verification letter from the Department. The City shall submit supporting information verifying that the project was completed in accordance with the approved proposal and documentation showing the actual costs incurred to complete the project. These costs shall not include those incurred in developing the proposal or obtaining approval from the Department for the project.

I. If upon review of the notification of completion, the Department determines that the project cannot be accepted due to a substantially incomplete notification of completion or due to substantial deviations from the approved in-kind project, The City shall be notified, in writing, of the reason(s) which prevent the acceptance of the project. The City shall correct and redress all of the matters at issue and submit, by certified mail, a new notification of completion within fifteen (15) days of receipt of the Department's notice. If upon review of the new submittal, the Department determines that the in-kind project is still incomplete or not in accordance with the approved proposal, the in-kind penalty project option shall be forfeited and the entire amount of civil penalty shall be due from the City to the Department within thirty (30) days of Department notice. If the in-kind penalty project is terminated and the City timely remits the \$334,577.00, no additional penalties shall be assessed under Paragraph 11 of this Consent Order for failure to complete the requirements of this paragraph.



# Florida Department of Environmental Protection

Southeast District Office  
3301 Gun Club Road, MSC 7210-1  
West Palm Beach, FL 33406  
561-681-6600

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Noah Valenstein  
Secretary

September 29, 2017

Ms. Ronda Montoya Hasan  
Assistant City Attorney  
Office of the City Attorney  
100 N Andrews Ave.  
Ft. Lauderdale, FL 33301  
*Via U.S. Mail*

Re: Consent Order  
OGC File No. 16-1487  
Broward County

2017 OCT -3 PM 1:31



Dear Ms. Montoya Hasan:

Enclosed for your implementation is the fully executed Consent Order in the above-styled case. Please familiarize yourself with the compliance dates and terms of the Consent Order so the complete and timely performance of those obligations is accomplished.

Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer K. Smith".

Jennifer K. Smith  
District Director  
Southeast District

jks/ja

Enclosure

cc: Jason Andreotta, FDEP SED, [Jason.Andreotta@dep.state.fl.us](mailto:Jason.Andreotta@dep.state.fl.us)  
Kirk White, FDEP OGC, [Kirk.White@dep.state.fl.us](mailto:Kirk.White@dep.state.fl.us)



COMMISSION AGENDA ITEM  
DOCUMENT ROUTING FORM

P3L 9/25/17  
**RUSH**

Today's Date: 09/18/2017

DOCUMENT TITLE: STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION –  
CONSENT ORDER PROVIDING FOR THE REPAIR AND MAINTENANCE OF THE CITY'S  
WASTEWATER COLLECTION SYSTEM

COMM. MTG. DATE: 09/06/2017 CAM #: 17-1090 ITEM #: R-2 CAM attached:  YES  NO

Routing Origin: CAO Router Name/Ext: J. Larregui/5106 Action Summary attached:  YES  NO

CIP FUNDED:  YES  NO

Capital Investment / Community Improvement Projects defined as having a life of at least 10 years and a cost of at least \$50,000 and shall mean improvements to real property (land, buildings, or fixtures) that add value and/or extend useful life, including major repairs such as roof replacement, etc. Term "Real Property" include: land, real estate, realty, or real.

1) Dept: CAO Router Name/Ext: J. Larregui/5106 # of originals routed: 3 Date to CAO: N/A

2) City Attorney's Office: Documents to be signed/routed?  YES  NO # of originals attached: 3

Is attached Granicus document Final?  YES  NO

Approved as to Form:  YES  NO

Date to CCO: 9/19/17

Rhonda M. Hasan  
Attorney's Name

[Signature]  
Initials

3) City Clerk's Office: # of originals: 3 Routed to: Gina Ri/CMO/X5013 Date: 9/19/17

4) City Manager's Office: CMO LOG #: Sep 53 Document received from: 9/19/17 CCO

Assigned to: L. FELDMAN  S. HAWTHORNE  C. LAGERBLOOM   
L. FELDMAN as CRA Executive Director

APPROVED FOR LEE FELDMAN'S SIGNATURE  N/A FOR L. FELDMAN TO SIGN

PER ACM: S. HAWTHORNE (Initial/Date) C. LAGERBLOOM  
(Initial/Date)  PENDING APPROVAL (See comments below)

Comments/Questions: \_\_\_\_\_

Forward 3 originals to  Mayor  CCO Date: 9/20/17

5) Mayor/CRA Chairman: Please sign as indicated. Forward \_\_\_ originals to CCO for attestation/City seal (as applicable) Date: \_\_\_\_\_

6) City Clerk's Office: Forwards 3 Originals to: Meredith Shuster/Public Works  
J. Larregui/CAO/5106 for routing to State of FL – Dept. of Environmental Protection

Attach 1 certified Reso # 17-184  YES  NO

Original Route form to CAO/J. Larregui

Rev. 12/22/16

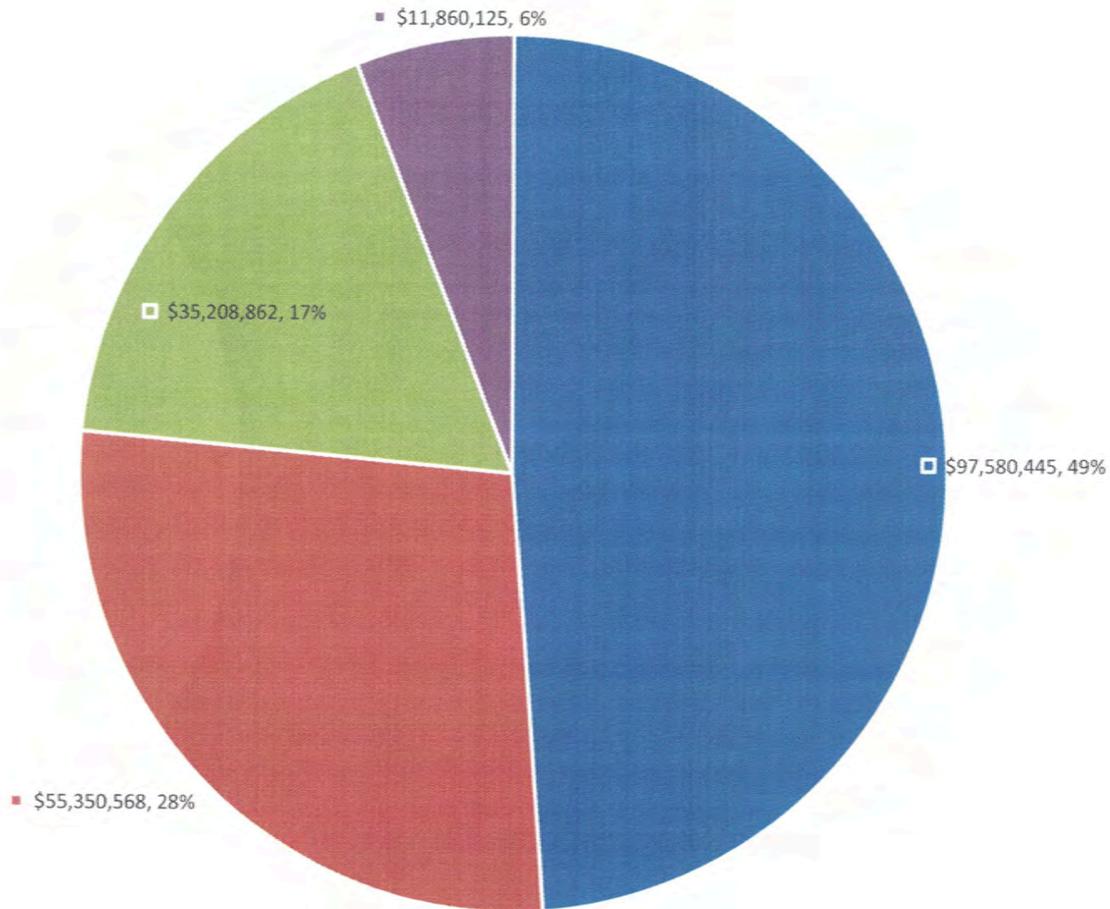
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**RUSH**

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APPENDIX C: June, 2018 analysis of the use of the March 2018 bond funds

Bond Funded Projects - By Category

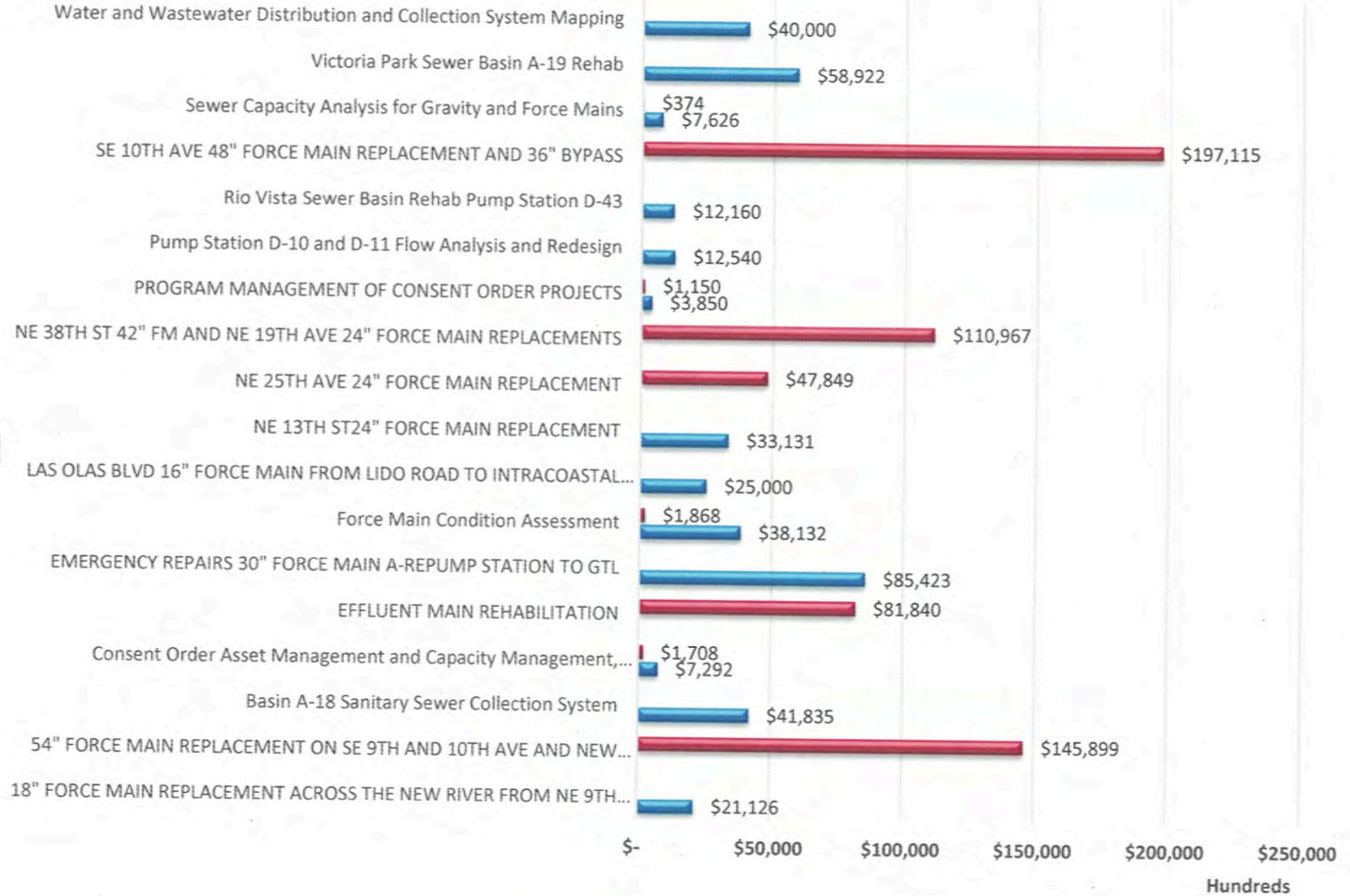


- Consent Order Projects (Central Region \$58,876,860 + W/WW Master Plan \$38,703,585)
- Priority Deferred Projects/Future CIP Projects Now Funded by Bond Monies
- CUSMP [Comprehensive Utility Strategic Master Plan / Reese Report] (Central Region \$23,900,000 +W/WW Master Plan \$11,308,862)
- Projects from FY 2018 Charged to Bond Fund and Replenish \$25,500,000 Fund Balance

Sum of TOTAL PROJECTED COST

### Consent Order Projects - Total \$ 97,580,445.00

PROJECT TITLE

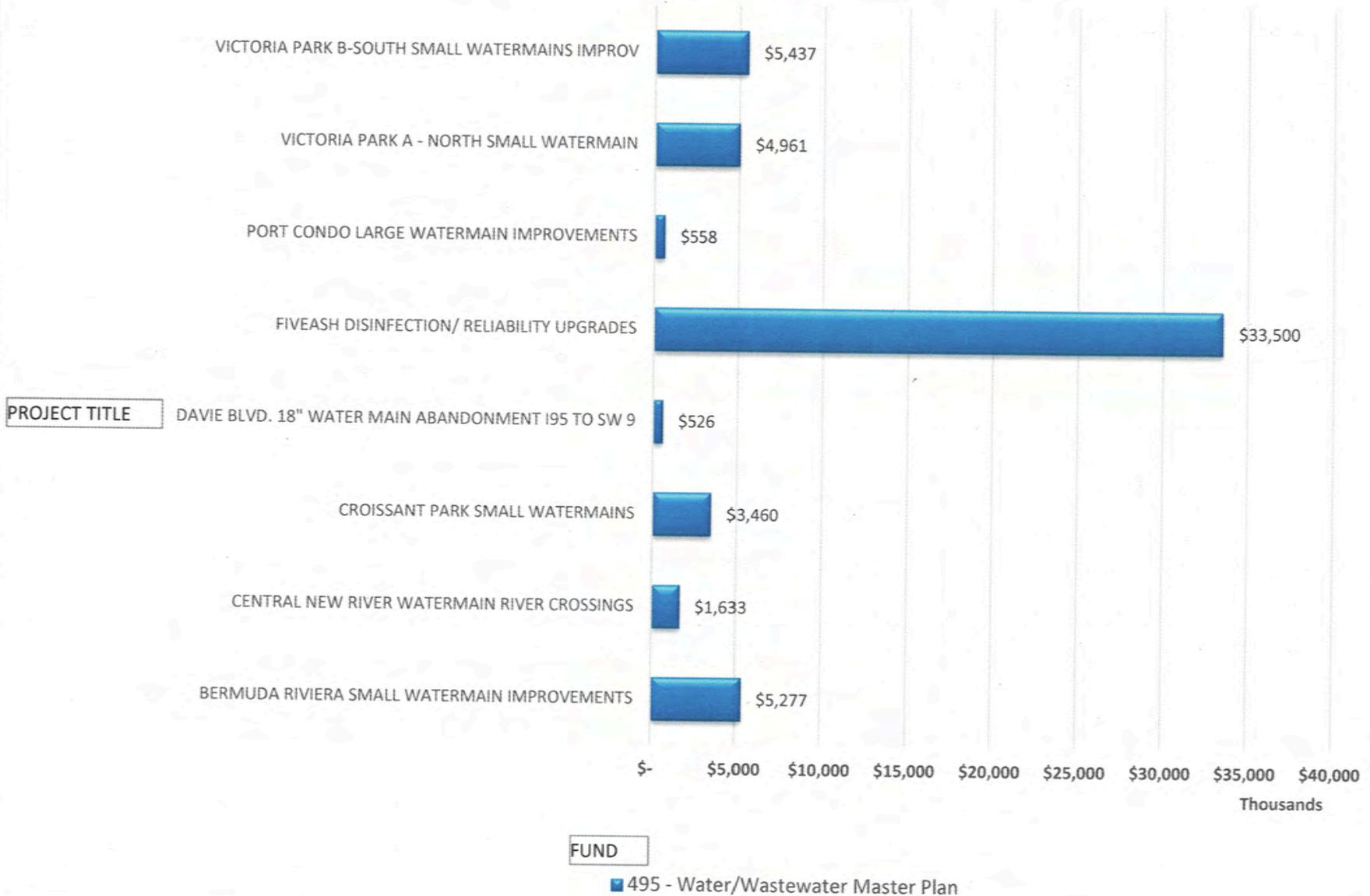


FUND

■ 496 - Central Region    ■ 495 - Water/Wastewater Master Plan

Sum of TOTAL PROJECTED COST

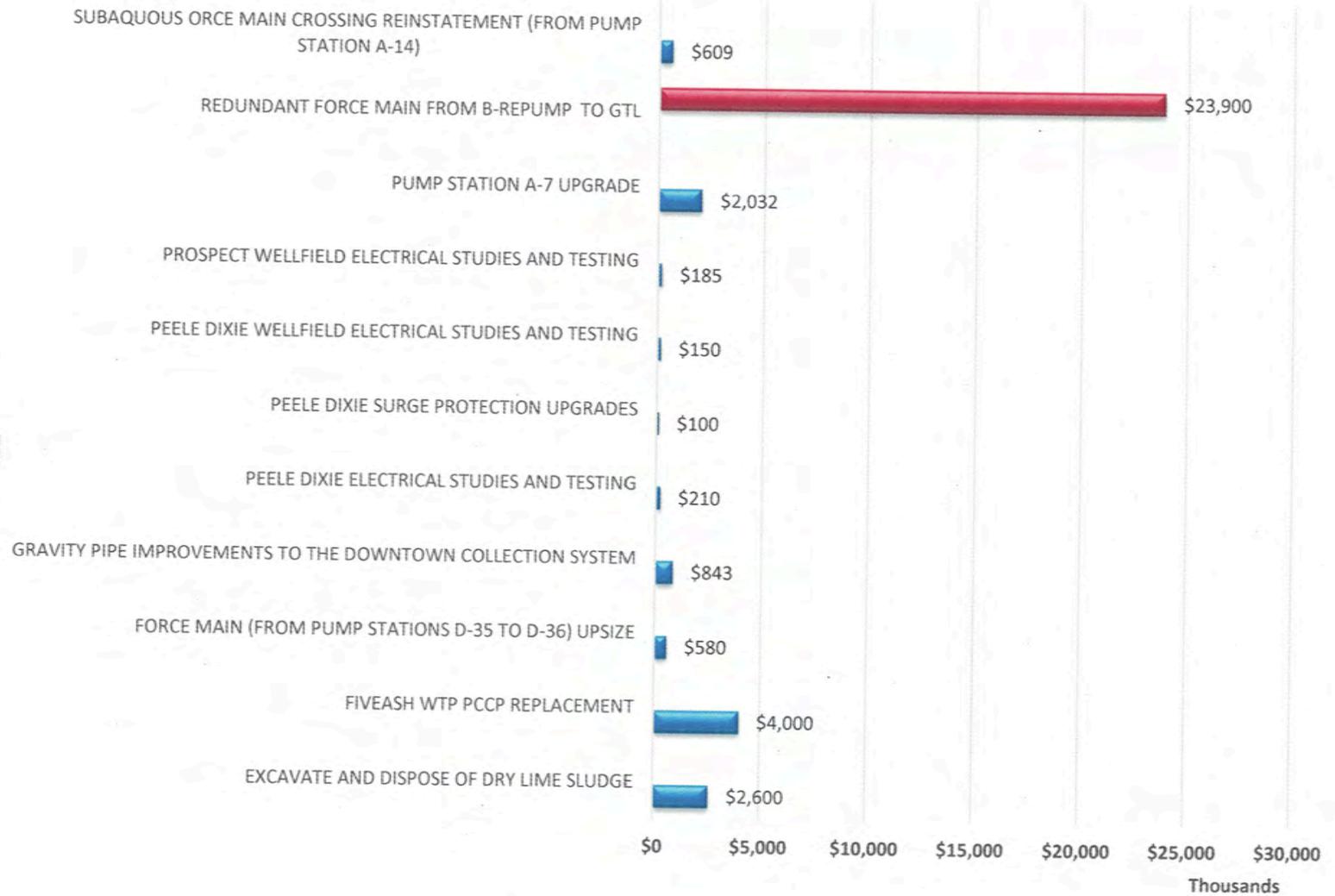
### Priority Deferred Projects - Total \$ 55,350,568.00



Sum of TOTAL PROJECT COST

### Comprehensive Utility Strategic Master Plan Projects - Total \$ 35,208,862.00

PROJECT TITLE



FUND

■ 496 - Central Region ■ 495 - Water/Wastewater Master Plan



APPENDIX D: November, 2017 “City of Fort Lauderdale  
Water and Sewer Bonds - Comparison of Level Debt and  
Aggregate Level Debt Structures”



## City of Fort Lauderdale Water and Sewer Bonds - Comparison of Level Debt and Aggregate Level Debt Structures

The City’s Financial Advisor, FirstSouthwest Inc., has provided updated number runs on the proposed \$200 million water and sewer financing under the following scenarios:

1. Traditional level debt service (level debt service on the Series 2018 bonds)
2. Aggregate Level Debt Service (level debt service on all of the senior lien water and sewer bonds)

Currently the yield curve is upward sloping and the 6.8 year difference in the average life of the bonds results in an interest rate differential of approximately 0.324% between the traditional level debt service and aggregate level debt service structures. Although the aggregate level debt service solution costs approximately \$60 million more in interest over the life of the Series 2018 bonds, it lowers the maximum annual aggregate water and sewer debt service by \$2.54 million as shown in the table below.

	Level Debt Service	Aggregate Level Debt Service	Difference
Par Amount	176,120,000	177,490,000	1,370,000
Project Deposit	200,000,000	200,000,000	-
TIC	3.489%	3.813%	0.324%
Average Life	18.755	25.573	6.818
Total Interest	151,339,338.06	210,959,773.17	59,620,435.11
Total Debt Service	327,459,338.06	388,449,779.17	60,990,441.11
Max. Annual Aggregate Debt Service	39,258,073.26	36,713,123.26	(2,544,950.00)

Should the City opt to move forward with the aggregate level debt service structure, it will be able to realize the following benefits:

1. A higher debt service coverage without raising water and sewer rates
2. Additional future bonding capacity
3. Potentially higher credit ratings
4. Additional financing flexibility and free cash flow that could be used to fund future improvements with cash instead of additional debt
5. Potentially lower cost of financing on future debt issuances

First Southwest Inc. anticipates that based upon the City’s proposed water and sewer capital improvements, the Series 2018 water and sewer bond issue will be the first of a number of

financings. It should be noted that the current economic forecasts are predicting higher interest rates in the near future. For example, from October 6 to October 10, 2017, *Bloomberg News* surveyed approximately 70 of the nation's top economists for their most recent opinions on the U.S. economy and interest rates. The following are the results of their responses for the 10-year U.S. Treasury notes:

**10-yr Treasury-note** - The average 10-year yield forecast for Q4 2017 is 2.43%. The average forecast for the next five quarters are 2.54%, 2.67%, 2.78%, 2.88% and 3.00%. The Q1 2019 forecast is 0.68% above the current close today of 2.32%.

	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019
<b>Current Survey (October 2017)</b>	2.43%	2.54%	2.67%	2.78%	2.88%	3.00%	N/A
<b>Prior Survey (September 2017)</b>	2.47%	2.60%	2.72%	2.82%	2.96%	N/A	N/A
<b>12 months Prior (October 2016)</b>	2.84%	3.00%	3.06%	N/A	N/A	N/A	N/A

#####



Table WW9-1. Projected CIP Summary and CUSMP Recommended Projects Comparison

Category		FY 2017-2021	FY 2022-2026	FY 2027-2031	FY 2032-2036
<b>Central Regional WW Fund (451)</b>					
WW Treatment Regional	Planned CIP	\$52,039,556	\$0	\$0	\$0
	Unfunded CIP	\$9,167,600	--	--	--
	CUSMP Additional	\$26,072,693	\$43,076,200	\$41,056,600	\$27,013,000
WW Pump Stations Regional	Planned CIP	\$1,568,501	\$0	\$0	\$0
	Unfunded CIP	\$1,000,000	--	--	--
	CUSMP Additional	\$936,192	\$3,191,200	\$3,690,400	\$1,245,200
WW Force Main Regional	Planned CIP	\$217,537	\$0	\$0	\$0
	Unfunded CIP	\$8,367,600	--	--	--
	CUSMP Additional	\$28,046,000	\$7,947,000	\$31,369,000	\$0
Utility Wide Regional	Planned CIP	\$6,687,269	\$0	\$0	\$0
	Unfunded CIP	\$1,961,421	--	--	--
	CUSMP Additional	\$20,646,959	\$10,888,072	\$5,988,073	\$2,682,510
<b>Subtotal Planned CIP:</b>		<b>\$60,512,863</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Subtotal Unfunded CIP:</b>		<b>\$20,496,621</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Subtotal CUSMP Additional:</b>		<b>\$75,701,844</b>	<b>\$65,102,472</b>	<b>\$82,104,073</b>	<b>\$30,940,710</b>
<b>Fund 451 TOTAL:</b>		<b>\$156,711,328</b>	<b>\$65,102,472</b>	<b>\$82,104,073</b>	<b>\$30,940,710</b>
<b>Water and Sewer Master Plan Fund (454)</b>					
WW Collection	Planned CIP	\$42,949,306	\$0	\$0	\$0
	Unfunded CIP	\$50,406,104	--	--	--
	CUSMP Additional	\$5,509,000	\$64,716,500	\$68,075,500	\$108,750,000
WW Pump Stations City	Planned CIP	\$9,503,253	\$0	\$0	\$0
	Unfunded CIP	\$0	--	--	--
	CUSMP Additional	\$20,825,250	\$23,146,750	\$15,762,500	\$22,660,000
WW Force Mains	Planned CIP	\$3,095,350	\$0	\$0	\$0
	Unfunded CIP	\$0	--	--	--
	CUSMP Additional	\$31,851,000	\$4,072,000	\$220,000	\$0
WA Total	Planned CIP	\$89,517,619	\$0	\$0	\$0
	Unfunded CIP	\$20,695,662	--	--	--
	CUSMP Additional	\$136,713,476	\$159,347,270	\$148,725,212	\$81,198,646
Utility Wide City	Planned CIP	\$3,121,472	\$0	\$0	\$0
	Unfunded CIP	\$22,997,500	--	--	--
	CUSMP Additional	\$26,238,890	\$18,247,229	\$12,207,925	\$10,402,925
<b>Subtotal Planned CIP:</b>		<b>\$148,187,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Subtotal Unfunded CIP:</b>		<b>\$94,099,266</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Subtotal CUSMP Additional:</b>		<b>\$221,137,616</b>	<b>\$269,529,750</b>	<b>\$244,991,137</b>	<b>\$223,011,571</b>
<b>Fund 454 TOTAL:</b>		<b>\$463,423,882</b>	<b>\$269,529,750</b>	<b>\$244,991,137</b>	<b>\$223,011,571</b>

## Notes:

- City Planned CIP totals include Unspent Balance as of 9/29/16
- Please Refer to this link for the existing Fort Lauderdale 2017 to 2021 Community Investment Plan.  
<http://www.fortlauderdale.gov/departments/city-manager-s-office/budget-cip-and-grants-division/community-investment-plans>

## APPENDIX F: "FY 2019 Public Works CIP Request".

# FY 2019 - FY 2023 COMMUNITY INVESTMENT PLAN SUMMARY

## Public Works - 331 General Capital Fund

Title of Request	Cost	Page #
ADA Sidewalk Installation & Replacement	359,000	147
Americans With Disabilities (ADA) Improvements	6,233,855	148
Annual Asphalt Resurfacing	1,941,310	149
Bayview Drive Bridge Over Longboat Inlet	687,000	150
Bridge Replacement At South Ocean Drive	1,102,000	151
Bridge Restoration	2,350,000	152
Broward County Segment II Beach Nourishment	2,792,975	153
City-Owned Seawall Restoration And Replacement	3,500,000	154
Cordova Road Seawall Replacement	5,534,072	155
East Las Olas Blvd. Seawall Repair	1,443,409	156
Fleet Maintenance & Repair Garage Facility	10,943,750	157
Isle of Palms Drive Seawall Replacement	3,000,000	158
Marine Facilities Maintenance	2,400,000	159
NE 1st Street Bridge	1,500,000	160
River Oaks Preserve Park - Parking Lot	920,969	161
SE 13th Street Bridge	3,359,383	162
Seven Isles Seawall Improvements	572,050	163
Sidewalk And Paver Replacement/Annual Concrete	12,550,000	164
West Lake Drive Bridge Restoration	2,645,645	165
	<b>\$63,835,418</b>	

City of Fort Lauderdale  
 Adopted FY 2018 - FY 2022 Community Investment Plan

Project #	Project Title	Unspent Balance as of August 4, 2017	FY 2018*	FY 2019	FY 2020	FY 2021	FY 2022	FY 2018 - FY 2022 CIP Total **	Unfunded
<b>Law Enforcement Confiscated Property Fund (104)</b>									
P12009	REGIONAL CONS DISPATCH & RECORDS MGMT SY	23,689	-	-	-	-	-	23,689	-
<b>Law Enforcement Confiscated Property Fund (104) Total</b>		<b>23,689</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23,689</b>	<b>-</b>
<b>DEA Confiscated Property Fund (107)</b>									
P12009	REGIONAL CONS DISPATCH & RECORDS MGMT SY	84,924	-	-	-	-	-	84,924	-
<b>DEA Confiscated Property Fund (107) Total</b>		<b>84,924</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>84,924</b>	<b>-</b>
<b>Community Development Block Grant Fund (108)</b>									
P11687	CITY HALL ADA ACCESS IMPROVEMENTS	260,000	-	-	-	-	-	260,000	-
P11799	2012 NCIP GOLDEN HEIGHTS ENTRANCE PAVERS	51,000	-	-	-	-	-	51,000	-
P11607	2010 NCIP DILLARD PARK CURBING	35,000	-	-	-	-	-	35,000	-
P11801	2012 NCIP ROCK ISLAND ST SIGN POSTS	35,000	-	-	-	-	-	35,000	-
P11963	2014 NCIP LAUDERDALE MANORS DECO ST SIGN	35,000	-	-	-	-	-	35,000	-
P11802	2012 NCIP LAUDERDALE MANORS CROSSWALKS	25,000	-	-	-	-	-	25,000	-
FY 20180666	CITY INFRASTRUCTURE PROJECT	-	500,000	329,000	-	-	-	829,000	-
FY 20150273	NCIP/BCIP PROJECT COMMUNITY MATCH	-	-	171,000	-	-	-	171,000	-
FY 20160415	AMERICANS WITH DISABILITIES (ADA) IMPROVEMENTS	-	-	-	500,000	500,000	500,000	1,500,000	-
P12244	ADA SIDEWALK INSTALLATION & REPLACEMENT	-	-	-	-	-	-	-	344,000
<b>Housing and Community Development Grant Fund (108) Total</b>		<b>441,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,941,000</b>	<b>344,000</b>
<b>Grants Fund (129)</b>									
P12128	WAR MEMORIAL AUDITORIUM RENOVATIONS	183,016	-	-	-	-	-	183,016	-
P11671	LAS OLAS MARINA DREDGING PHASE II CONSTRUCTION	262,337	-	-	-	-	-	262,337	-
P11056	CYPRESS CREEK SAND PINE PARK	247,702	-	-	-	-	-	247,702	-
P12122	SNYDER PARK BIKE TRAILS	152,890	-	-	-	-	-	152,890	-
P12201	COONTIE HATCHEE LGN PHS 1 DSGN & PERMIT	127,000	-	-	-	-	-	127,000	-
P11411	TARPON BEND PARK	125,002	-	-	-	-	-	125,002	-
P11811	MILLS POND OBSERVATION DECK	75,000	-	-	-	-	-	75,000	-
P12159	SNYDER PARK BOARDWALK REPLACEMENT	50,000	-	-	-	-	-	50,000	-
P11670	BAHIA MAR YACHTING CENTER DREDGING PHASE II	209,465	-	1,500,000	-	-	-	1,709,465	-
P12186	GEORGE ENGLISH PARK BOAT RAMP RENOVATIONS	86,798	-	400,000	-	-	-	486,798	-
<b>Grants Fund (129) Total</b>		<b>1,519,210</b>	<b>-</b>	<b>1,900,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,419,210</b>	<b>-</b>
<b>Building Permit Fund (140)</b>									
P12235	LAND & ASSET MANAGEMENT SYSTEM PROJECT	1,177,517	143,636	-	-	-	-	1,321,153	-
P12267	DSD BUILDING - COOLING SYSTEM	177,480	-	-	-	-	-	177,480	-
FY20180636	SUSTAINABLE DEVELOPMENT SECURITY IMPROVEMENTS	-	-	-	-	-	-	-	592,000
FY20180652	SUSTAINABLE DEVELOPMENT LOBBY RENOVATIONS	-	-	-	-	-	-	-	490,000
<b>Building Permit Fund (140) Total</b>		<b>1,354,997</b>	<b>143,636</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,498,633</b>	<b>1,082,000</b>
<b>Building Technology Fund (142)</b>									
P12235	LAND & ASSET MANAGEMENT SYSTEM PROJECT	593,411	450,000	-	-	-	-	1,043,411	-
P11919	ONESOLUTION UPGRADE	90,539	-	-	-	-	-	90,539	-
<b>Building Technology Fund (142) Total</b>		<b>683,950</b>	<b>450,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,133,950</b>	<b>-</b>
<b>Special Assessments Fund (319)</b>									
P09733	BRIDGESIDE SQUARE AREA IMPROVEMENTS	17,585	-	-	-	-	-	17,585	-
P10247	NE 33RD AVENUE/DOLPHIN ISLES IMPROVEMENT	12,136	-	-	-	-	-	12,136	-
P11715	LAS OLAS ISLES UNDERGROUNDING UTILITIES	1,000	-	-	-	-	-	1,000	-
<b>Special Assessments Fund (319) Total</b>		<b>30,721</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30,721</b>	<b>-</b>
<b>General Capital Projects Fund (331)</b>									
P11793	2012 NCIP S MIDDLE RVR ENTRYWAY MONUMENT	2,546	-	-	-	-	-	2,546	-
P11698	2011 NCIP MIDDLE RIVER TERR DIXIE IMPROV	2,600	-	-	-	-	-	2,600	-
P11948	2014 NCIP BAL HARBOUR LIGHTING FOR ENTWY	2,887	-	-	-	-	-	2,887	-
P11923	BAYVIEW DRIVE SIDEWALK RESTORATION	3,269	-	-	-	-	-	3,269	-
P12046	DOG PARK AT HOLIDAY PARK	3,545	-	-	-	-	-	3,545	-
P11507	2009 NCIP SEVEN ISLES HOA BRIDGE IMPROVEMENT	3,899	-	-	-	-	-	3,899	-

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P11958	2014 NCIP CROISSANT PARK TREES	4,600	-	-	-	-	-	4,600	-
P11600	2010 NCIP RIVERSIDE PARK CURBS AND SWALE	4,609	-	-	-	-	-	4,609	-
P11244	GALT OCEAN SHOPPES ENTRYWAY IMP BCIP	4,538	-	-	-	-	-	4,538	-
P11797	2012 NCIP DILLARD PARK CURBING	4,649	-	-	-	-	-	4,649	-
P11599	2010 NCIP BAL HARBOUR ENTRANCE ISLAND	4,732	-	-	-	-	-	4,732	-
P11947	2014 NCIP CORAL RIDGE NE 13 STREET	4,918	-	-	-	-	-	4,918	-
P11800	2012 NCIP LAKE RIDGE TREES	5,007	-	-	-	-	-	5,007	-
P12048	POLICE DEPT WINDOWS/GUTTERS	5,113	-	-	-	-	-	5,113	-
P11745	HARDY PARK FIELD RENOVATION	6,168	-	-	-	-	-	6,168	-
P11978	SOUTH BEACH RESTROOM REPAIR/RENOVATION	4,458	-	-	-	-	-	4,458	-
P11697	2011 NCIP POINCIANA PRK LNDS CP MEDIANS	9,128	-	-	-	-	-	9,128	-
P11513	2009 NCIP GOLDEN HEIGHTS HOA	9,644	-	-	-	-	-	9,644	-
P11516	2009 NCIP LAKE RIDGE CIVIC ASSOCIATION	9,764	-	-	-	-	-	9,764	-
P12149	2015 NCIP LAKE RIDGE MONILITY MASTER PLAN	10,000	-	-	-	-	-	10,000	-
P11946	2014 NCIP POINSETTIA HGHTS SOLAR LTS ENT	10,250	-	-	-	-	-	10,250	-
P11510	2009 NCIP HARBOR BEACH HOA	11,620	-	-	-	-	-	11,620	-
P11962	2014 NCIP LAKE RIDGE TREES	13,683	-	-	-	-	-	13,683	-
P11696	2011 NCIP HARBOR BCH LANDSCAPED MEDIANS	14,356	-	-	-	-	-	14,356	-
P12145	2015 NCIP VICTORIA PARK GREENWAY LIGHTS	14,750	-	-	-	-	-	14,750	-
P11595	CENTRAL BCH WAYFINDING & INFO SIGNAGE	12,769	-	-	-	-	-	12,769	-
P12276	EDGEWOOD ENTRY SIGNS	3,781	-	-	-	-	-	3,781	-
P11959	2014 NCIP GOLDEN HEIGHTS SPEED HUMPS	16,000	-	-	-	-	-	16,000	-
P11212	GALT OCEAN SHOP ENTRANCEWAY	16,000	-	-	-	-	-	16,000	-
P11827	SEAWALL REPLACEMENT ALONG NEW RIVER	15,955	-	-	-	-	-	15,955	-
P11725	DISTRICT TWO PARK	17,908	-	-	-	-	-	17,908	-
P12154	2015 BCIP FAY VILLAGE MASTER PLAN	18,800	-	-	-	-	-	18,800	-
P12144	2015 NCIP SUNRISE KEY DECR STR POSTS	20,700	-	-	-	-	-	20,700	-
P12137	2015 NCIP RIVERLAND MANORS MEDIANS	21,725	-	-	-	-	-	21,725	-
P11803	2012 BCIP FAT VILLAGE	22,500	-	-	-	-	-	22,500	-
P11819	2012 BCIP FTL BEACH VILLAGE MERCHANTS	22,500	-	-	-	-	-	22,500	-
P11955	2014 BCIP FORT LAUDERDALE BEACH VILLAGE	22,500	-	-	-	-	-	22,500	-
P12151	2015 BCIP FLAGLER VIL IMPR SIGN/MONUMENTS	22,500	-	-	-	-	-	22,500	-
P12153	2015 BCIP N BCH VILLAGE SIGNS/MONUMENY	22,500	-	-	-	-	-	22,500	-
P11692	2011 NCIP BEVERLY HGTS TRAFFIC CALMING	23,000	-	-	-	-	-	23,000	-
P11695	2011 NCIP SOUTH MIDDLE RIVER SIDEWALK	22,483	-	-	-	-	-	22,483	-
P10932	BCIP FLAGLER VILLAGE IMPROVEMENTS 2004/05	25,000	-	-	-	-	-	25,000	-
P11802	2012 NCIP LAUDERDALE MANORS CROSSWALKS	25,000	-	-	-	-	-	25,000	-
P12142	2015 NCIP CORAL RDGE C CLB DECR ST POSTS	25,000	-	-	-	-	-	25,000	-
P11811	MILLS POND OBSERVATION DECK	16,839	-	-	-	-	-	16,839	-
P11607	2010 NCIP DILLARD PARK CURBING	30,467	-	-	-	-	-	30,467	-
P12140	2015 NCIP BERMUDA RIVERS DECR STR POSTS	32,000	-	-	-	-	-	32,000	-
P11794	2012 NCIP LAKE AIRE ST LIGHTS & POSTS	26,465	-	-	-	-	-	26,465	-
P11608	2010 NCIP RIVER GARDEN/SWEETING MONUMENT	32,272	-	-	-	-	-	32,272	-
P11796	2012 NCIP RVR GARDEN SWEETING PK IMPROVE	39,793	-	-	-	-	-	39,793	-
P11801	2012 NCIP ROCK ISLAND ST SIGN POSTS	32,820	-	-	-	-	-	32,820	-
P11478	COOLEY'S LANDING MAINTENANCE BUILDING	33,067	-	-	-	-	-	33,067	-
P11779	BAHIA MAR BRIDGE REHAB	32,556	-	-	-	-	-	32,556	-
P11605	2010 NCIP SEVEN ISLES ASPHALT BRIDGES	35,000	-	-	-	-	-	35,000	-
P11799	2012 NCIP GOLDEN HEIGHTS ENTRANCE PAVERS	35,000	-	-	-	-	-	35,000	-
P11956	2014 NCIP RIVER GDNS PERIMETER PRIV WALL	35,000	-	-	-	-	-	35,000	-
P11960	2014 NCIP STH MDLE RVR SIDEWALK NW 16 ST	35,000	-	-	-	-	-	35,000	-
P11961	2014 NCIP LAKE AIRE DÉCOR ST POST/SIGNS	35,000	-	-	-	-	-	35,000	-

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P11963	2014 NCIP LAUDERDALE MANORS DECO ST SIGN	35,000	-	-	-	-	-	35,000	-
P11964	2014 NCIP MELROSE PARK ENTRWY MONUMENT	35,000	-	-	-	-	-	35,000	-
P12139	2015 NCIP SUNRISE INTRACOASTAL TRAF CALM	35,000	-	-	-	-	-	35,000	-
P12141	2015 NCIP HISTORICAL DORSEY RVRBND SIDEWALK	35,000	-	-	-	-	-	35,000	-
P12143	2015 NCIP FLAGLER VILLAGE SIGNS/MONUMENTS	35,000	-	-	-	-	-	35,000	-
P12146	2015 NCIP PALM AIRE VILLAGE MOBILITY MSTR PL	35,000	-	-	-	-	-	35,000	-
P12147	2015 NCIP SHADY BNKS DECR STR POSTS	35,000	-	-	-	-	-	35,000	-
P12148	2015 NCIP LAUDERDALE MNRS DECR STR POSTS	35,000	-	-	-	-	-	35,000	-
P12150	2015 NCIP RIVERLAND ROUNDABOUT	35,000	-	-	-	-	-	35,000	-
P11734	RIVER OAKS DEVELOPER TRAFFIC MITIGATION	39,112	-	-	-	-	-	39,112	-
P12084	NE 13TH ST COMPLETE STREETS PROJECT	41,188	-	-	-	-	-	41,188	-
P11714	IDLEWYLD UNDERGROUNDING OF UTILITIES	38,177	-	-	-	-	-	38,177	-
P11727	DISTRICT FOUR PARK	47,206	-	-	-	-	-	47,206	-
P11609	2010 NCIP LAKE RIDGE ENTRYWAY SIGNAGE	54,536	-	-	-	-	-	54,536	-
P11690	2011 NCIP MELROSE PRK LNDSCP & ENTRY SGN	54,536	-	-	-	-	-	54,536	-
P11790	2012 MELROSE PK ENTRYWAY MONUMENTS	54,536	-	-	-	-	-	54,536	-
P10585	PALM AIRE WALL IMPROVEMENTS	58,580	-	-	-	-	-	58,580	-
P11520	800 MHZ PUBLIC SAFETY RADIO CONFIGURATION	64,993	-	-	-	-	-	64,993	-
P12303	BENNESON PARK PLAYGROUND REPLACEMENT	61,300	-	-	-	-	-	61,300	-
P11701	2011 NCIP RIVER OAKS SIDEWALK @ SW 15 AVE	70,000	-	-	-	-	-	70,000	-
P12297	CARTER PARK STORMWATER IMPROVEMENTS	70,000	-	-	-	-	-	70,000	-
P11945	ANNUAL ASPHALT CONCRETE RESURFACING	74,125	-	-	-	-	-	74,125	-
P12138	2015 NCIP LAUDERDALE BCH TRAFFIC CALMING	78,232	-	-	-	-	-	78,232	-
P11968	SEVEN ISLES SEAWALL IMPROVEMENTS	79,937	-	-	-	-	-	79,937	572,050
P12267	DSD - BUILDING COOLING SYSTEM	81,031	-	-	-	-	-	81,031	-
P12081	DIXIE HIGHWAY IMPROVEMENTS	85,825	-	-	-	-	-	85,825	-
P12073	SNYDER PARK DOG LAKE	85,268	-	-	-	-	-	85,268	-
P09295	NORTHWEST 7/9 AVENUE CONNECTOR	94,654	-	-	-	-	-	94,654	-
P10918	FIRE STATION 13 REPLACEMENT	103,116	-	-	-	-	-	103,116	2,820,360
P12201	COONTIE HATCHEE LGN PHS 1 DSGN & PERMIT	101,045	-	-	-	-	-	101,045	-
P11979	ESPLANADE PARK RESTROOM REPAIR/RENOVATION	113,375	-	-	-	-	-	113,375	-
P10914	NEW FIRE STATION 54	282,107	-	-	-	-	-	282,107	-
P12079	SOUTH MIDDLE RIVER ROADWAYS II	124,810	-	-	-	-	-	124,810	-
P10909	FIRE STATION DESIGN & CONSTRUCTION - FS 8 (SOUTHEAST) - NEW	122,161	-	-	-	-	-	122,161	3,837,095
P12085	FACILITY MAINTENANCE PRIORITIES	140,519	-	-	-	-	-	140,519	-
P12280	NE 1ST PEDESTRIAN REFUGE ON ANDREWS AVENUE	143,000	-	-	-	-	-	143,000	-
P12281	NE 1ST PEDESTRIAN REFUGE AT NE 3RD AVE	143,000	-	-	-	-	-	143,000	-
P12018	MEDIAN BEAUTIFICATION - ENTRYWAY SIGNS	145,349	-	-	-	-	-	145,349	-
P11715	LAS OLAS ISLES UNDERGROUNDING UTILITIES	148,220	-	-	-	-	-	148,220	-
P12113	CENTENNIAL CELEBRATION LEGACY (BRIDGE)	150,000	-	-	-	-	-	150,000	-
P12282	PEDESTRIAN PRIORITY INRSTN LAS OLAS/4TH	156,000	-	-	-	-	-	156,000	-
P12284	NE 3RD ST PEDESTRIAN SAFETY/BIKE INFRAST	156,000	-	-	-	-	-	156,000	-
P12198	CITY HALL SECURITY IMPROVEMENTS	131,360	-	-	-	-	-	131,360	-
P12159	SNYDER PARK BOARDWALK REPLACEMENT	170,004	-	-	-	-	-	170,004	-
P12302	GEROGE ENGLISH PLAYGROUND REPLACEMENT	171,267	-	-	-	-	-	171,267	-
P12129	POLICE STATION RENOVATION	186,142	-	-	-	-	-	186,142	-
P12318	NE 4TH STREET IMPROVEMENTS	219,300	-	-	-	-	-	219,300	-
P12283	SE 2ND ST TRAFFIC CALM/PEDESTRIAN SAFETY	270,000	-	-	-	-	-	270,000	-
P11365	SAILBOAT BEND TRAFFIC MITIGATION PLAN	271,925	-	-	-	-	-	271,925	-
P12090	NEIGHBORHOOD TRAFFIC CALMING & PED SAFETY	275,271	-	-	-	-	-	275,271	-
P12200	FIRE STATION #2 HVAC	1,035,122	-	-	-	-	-	1,035,122	-
P12091	DOWNTOWN WAYFINDING & INFO SIGNAGE	280,411	-	-	-	-	-	280,411	-

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P12268	RIVERLAND PARK	300,000	-	-	-	-	-	300,000	-
P12285	TWIN LAKES NORTH ANNEXATION IMPROVEMENTS	310,560	-	-	-	-	-	310,560	-
P10777	SOUTH SIDE SCHOOL-PURCHASE & RESTORATION	309,257	-	-	-	-	-	309,257	-
P12089	BRIDGE REPLACEMENT AT COCONUT ISLE	319,337	-	-	-	-	-	319,337	-
P12056	CITYWIDE CAMERA INITIATIVE	354,135	-	-	-	-	-	354,135	-
P10720	ADA SETTLEMENT GENERAL FUND BUILDINGS	(233,537)	-	-	-	-	-	(233,537)	-
P11722	RIVERWALK SEAWALL PARTIAL RESTORATION NORTH	401,744	-	-	-	-	-	401,744	-
P11953	DOWNTOWN WALKABILITY PROJECT	478,526	-	-	-	-	-	478,526	-
P12160	EAST LAS OLAS STREET LIGHTS	500,000	-	-	-	-	-	500,000	-
P11065	ELECTRICAL IMPROVEMENTS NORTH NEW RIVER	670,216	-	-	-	-	-	670,216	-
P12128	WAR MEMORIAL AUDITORIUM RENOVATIONS	536,071	-	-	-	-	-	536,071	-
P12078	RIVERLAND ANNEXATION ROAD RESTORATION	698,905	-	-	-	-	-	698,905	-
P11687	CITY HALL ADA ACCESS IMPROVEMENTS	612,249	-	-	-	-	-	612,249	-
P11136	LAS OLAS TRANSPORTATION PLAN IMPLEMENTATION	637,406	-	-	-	-	-	637,406	-
P11937	ENTERPRISE RESOURCE PLANNING (ERP)	1,174,919	-	-	-	-	-	1,174,919	-
P11762	SIDEWALK AND PAVER REPLACEMENT/ANNUAL CONCRETE, STAMPED ASPHALT	960,556	-	-	-	-	-	960,556	-
P12250	9-1-1 CALL CENTER AND DISPATCH TRANSITION	1,500,000	(650,000)	-	-	-	-	850,000	-
P12162	FACILITIES ASSESSMENT - HVAC, ELECTRICAL & PLUMB	289,153	-	433,000	208,000	821,000	500,000	2,251,153	-
P12158	CORDOVA ROAD COMPLETE STREETS PROJECT	20,000	-	-	-	150,000	-	170,000	-
P12088	SE/SW 6 STREET CORRIDOR IMPROVEMENTS	2,267,893	300,000	-	-	-	-	2,567,893	-
P12087	BRIDGE REPLACEMENT AT SOUTH OCEAN DRIVE	1,476,547	650,000	-	-	-	-	2,126,547	-
P12161	FACILITIES ASSESSMENT - ROOFING PRIORITIES	85,915	300,000	54,000	206,000	191,000	200,000	1,036,915	-
P12010	BRIDGE RESTORATION	846,112	100,000	750,000	100,000	500,000	500,000	2,796,112	-
P12163	FACILITIES ASSESSMENT - EXTERIOR REPAIR/CONSTR	40,588	343,000	175,000	251,000	-	150,000	959,588	-
P12117	NEW RIVERWALK PARK IMPROVEMENTS	459,689	200,000	200,000	200,000	200,000	200,000	1,459,689	-
P12086	NEIGHBORHOOD & BUSINESS COMMUNITY INVEST	1,000,000	500,000	500,000	500,000	500,000	500,000	3,500,000	-
P12164	FACILITIES ASSESSMENT - INTERIOR REPAIR/CONSTR	599,453	1,357,000	1,338,000	1,335,000	1,000,000	1,150,000	6,779,453	-
P11825	MARINE FACILITIES MAINTENANCE	618,474	600,000	600,000	-	600,000	600,000	3,018,474	-
P12247	BROWARD COUNTY SEGMENT II BEACH NOURISHMENT	2,792,975	2,792,975	2,792,975	-	-	-	8,378,925	-
P11214	WAR MEMORIAL RENOVATIONS - PHASE II	1,412,783	815,917	-	-	-	-	2,228,700	-
P12248	CITY-WIDE PLAYGROUND REPLACEMENTS	492,433	600,000	-	-	-	-	1,092,433	1,350,000
P12273	RIVERLAND ROAD COMPLETE STREETS IMPROVEMENTS	95,322	754,678	-	-	-	-	850,000	-
P10107	7TH FLOOR RENOVATIONS	53,049	424,000	-	-	-	-	477,049	-
P12299	WEST LAKE DRIVE BRIDGE RESTORATION	349,667	-	-	-	-	2,345,802	2,695,469	-
P12328	SOUTHEAST EMERGENCY MEDICAL STATION	-	3,000,000	-	-	-	-	3,000,000	-
P12329	SEAWALLS REPLACEMENT - HIMMARSHEE CANAL (NORTH)	-	2,942,194	-	-	-	-	2,942,194	-
P12330	CITY-OWNED SEAWALL RESTORATION AND REPLACEMENT	-	1,236,964	-	-	3,500,000	-	4,736,964	36,625,160
P12331	AQUATIC CENTER SEAWALL REPAIR & CAP	-	1,935,351	-	-	-	-	1,935,351	-
P12315	AQUATICS COMPLEX RENOVATIONS	-	1,200,000	-	-	-	-	1,200,000	-
P12332	BAYVIEW DRIVE SEAWALL CAP & REPAIR	-	850,413	-	-	-	-	850,413	-
P12333	SEAWALL REPAIR & CAP - 2731 FEDERAL HIGHWAY	-	825,093	-	-	-	-	825,093	-
P12334	FIELD CONVERSION HOLIDAY PARK	-	800,000	-	-	-	-	800,000	1,200,000
P12335	NEW MILLS POND PARK RESTROOMS	-	502,250	-	-	-	-	502,250	-
P12336	SE 5th AVENUE AND LAS OLAS BLVD PEDESTRIAN IMPROVEMENTS	-	500,000	-	-	-	-	500,000	-
P12337	CORDOVA ROAD SEAWALL REPAIR/REPLACEMENT	-	427,850	-	-	-	-	427,850	5,052,971
P12338	LIDO DRIVE SEAWALL REPLACEMENT	-	400,050	-	-	-	-	400,050	-
P12339	MOLA DRIVE SEAWALL REPAIR	-	182,085	-	-	-	-	182,085	-
P12340	HIGH MAST LIGHTING SYSTEM COMMERCIAL BLVD.	-	150,000	-	-	-	-	150,000	-
P12341	MILLS POND PARK BOAT RAMP REPLACEMENT	-	113,280	-	-	-	-	113,280	-
P12235	LAND MANAGEMENT SYSTEM	-	(410,228)	-	-	-	-	(410,228)	-
P12342	POLICE MARINE PATROL VESSELS	-	700,000	710,000	-	-	-	1,410,000	135,000
P12343	PARKER PLAYHOUSE RENOVATIONS	-	500,000	500,000	500,000	600,000	600,000	2,700,000	2,700,000

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P12344	FIRE ALERTING SYSTEM - REPLACEMENT	-	500,000	-	-	-	-	500,000	-
P12223	ANNUAL ASPHALT RESURFACING	-	388,262	388,262	388,262	388,262	388,262	1,941,310	-
FY20180658	DOWNTOWN WALKABILITY PROJECT PHASES 6-9	-	-	500,000	500,000	500,000	500,000	2,000,000	-
P11082	NEW MILLS POND GREEN" IMPROVEMENTS"	-	-	749,300	-	-	-	749,300	-
FY20080068	NEW RIVERLAND MULTIPURPOSE FIELD LIGHTING	-	-	497,250	-	-	-	497,250	-
FY 20160400	NW 15TH AVENUE COMPLETE STREETS PROJECT	-	-	200,000	-	-	-	200,000	1,650,000
FY 20150154	CARTER PARK POOL IN-WATER RAMP TO POOL	-	-	113,520	-	-	-	113,520	-
FY20150156	LAUDERDALE MANORS POOL - IN-WATER RAMP	-	-	113,520	-	-	-	113,520	-
FY 20150153	BASS PARK POOL IN-WATER RAMP TO POOL	-	-	113,520	-	-	-	113,520	-
FY20130184	ANNIE BECK PARK IMPROVEMENTS	-	-	89,148	-	-	-	89,148	-
FY 20150141	BILL KEITH PRESERVE BOARDWALK EXTENSION	-	-	73,100	-	-	-	73,100	-
FY 20150229	RESTROOM RENOVATIONS, JIMMY EVERT TENNIS CENT	-	-	63,500	-	-	-	63,500	-
P12134	SIDEWALK AND PAVER REPLACEMENT/ANNUAL CONCRETE AND PAVING STONES	-	-	2,150,000	1,400,000	-	-	3,550,000	5,750,000
FY 20160415	AMERICAN DISABILITY ACT (ADA) IMPROVEMENTS	-	-	-	2,733,855	-	-	2,733,855	1,500,000
FY20110033	POLICE GUN RANGE - LEASE WITH BUILT-OUT	-	-	-	475,000	-	-	475,000	80,000
FY 20150159	LAS OLAS MARINA ELECTRICAL UPGRADE	-	-	-	336,375	-	-	336,375	-
FY 20160349	POLICE K-9 OFFICE	-	-	-	280,000	-	-	280,000	104,000
FY 20160452	OCEAN RESCUE LIFEGUARD TOWER REPLACEMENT PLAN	-	-	-	221,082	-	-	221,082	303,619
FY 20160378	NEW PLAYGROUND - MIDDLE RIVER TERRACE PARK	-	-	-	200,000	-	-	200,000	-
FY 20170503	ISLE OF PALMS DRIVE SEAWALL REPLACEMENT	-	-	-	-	751,170	-	751,170	1,247,425
FY 20170502	EAST LAS OLAS BLVD SEAWALL REPAIR	-	-	-	-	97,250	-	97,250	1,346,159
FY20180622	SE 13TH STREET BRIDGE	-	-	-	-	-	2,654,198	2,654,198	705,185
FY20080179	POLICE HEADQUARTERS REPLACEMENT	-	-	-	-	-	-	-	80,814,905
FY20130190	PUBLIC SAFETY TRAINING FACILITY	-	-	-	-	-	-	-	10,721,250
FY20100188	FLEET MAINTENANCE & REPAIR GARAGE FACILITY	-	-	-	-	-	-	-	10,625,000
FY 20170541	ADA BARRIER REMOVAL CITY PARKS	-	-	-	-	-	-	-	3,000,000
FY 20170543	SE 17TH STREET MOBILITYPLAN IMPROVEMENTS	-	-	-	-	-	-	-	2,691,000
FY20180651	BEACH TRAFFIC MANAGEMENT PLAN EXECUTION	-	-	-	-	-	-	-	2,300,000
FY 20150158	MILLS POND PARK ARTIFICIAL TURF	-	-	-	-	-	-	-	2,200,000
FY20080048	NEW SHIRLEY SMALL PARK COMMUNITY CENTER	-	-	-	-	-	-	-	2,000,000
FY20130199	CITY HALL ELEVATOR MAINTENANCE UPGRADE	-	-	-	-	-	-	-	2,000,000
FY 20170555	BASS PARK IMPROVEMENTS	-	-	-	-	-	-	-	1,977,300
P12058	TUNNEL PEDESTRIAN PLAZA IMPROVEMENTS	-	-	-	-	-	-	-	1,808,014
FY20080071	SNYDER PARK IMPROVEMENTS	-	-	-	-	-	-	-	1,749,368
FY20080031	FLOYD HULL PARK RENOVATIONS	-	-	-	-	-	-	-	1,054,746
FY20180621	NE 1ST STREET BRIDGE	-	-	-	-	-	-	-	1,443,717
FY 20150194	POLICE HEADQUARTERS SECOND FLOOR RENOVAT	-	-	-	-	-	-	-	1,419,150
FY 20170500	RESURFACE CLAY COURTS - JIMMY EVERT TENNIS CENTER	-	-	-	-	-	-	-	926,612
FY20180609	RIVER OAKS PRESERVE PARK - PARKING LOT	-	-	-	-	-	-	-	920,969
FY20180641	NEIGHBORHOOD SIDEWALK PROJECT	-	-	-	-	-	-	-	900,000
FY 20170566	HOLIDAY PARK IMPROVEMENTS	-	-	-	-	-	-	-	845,000
FY20180640	BREAKERS AVENUE COMPLETE STREETS	-	-	-	-	-	-	-	840,000
FY 20170568	RIVERLAND PARK IMPROVEMENTS	-	-	-	-	-	-	-	831,300
FY 20170569	SHIRLEY SMALL PARK IMPROVEMENTS	-	-	-	-	-	-	-	800,000
FY20080007	CROISSANT PARK IMPROVEMENTS	-	-	-	-	-	-	-	800,000
FY 20170563	FLORENCE C. HARDY PARK IMPROVEMENTS	-	-	-	-	-	-	-	777,300
FY 20170570	SUNSET PARK IMPROVEMENTS	-	-	-	-	-	-	-	750,000
FY20180620	BAYVIEW DRIVE BRIDGE OVER LONGBOAT INLET	-	-	-	-	-	-	-	687,000
FY20120094	NEW OSSWALD GOLF COURSE LIGHTS	-	-	-	-	-	-	-	652,752
FY20180639	BAYVIEW DRIVE COMPLETE STREETS PROJECT	-	-	-	-	-	-	-	620,000
FY20180657	LAS OLAS BOULEVARD PHASE 2 FULL BUILD OUT	-	-	-	-	-	-	-	588,000
FY 20160340	POLICE MOUNTED UNIT EXPANSION OF THE HORSE BARN	-	-	-	-	-	-	-	561,402

City of Fort Lauderdale  
Adopted FY 2018 - FY 2022 Community Investment Plan

Project #	Project Title	Unspent Balance as of August 4, 2017	FY 2018*	FY 2019	FY 2020	FY 2021	FY 2022	FY 2018 - FY 2022 CIP Total **	Unfunded
FY20110063	NE 15 AVENUE CORRIDOR SAFETY IMPROVEMENTS	-	-	-	-	-	-	-	1,301,398
FY20180614	HUIZENGA PARK ARTIFICIAL TURF	-	-	-	-	-	-	-	450,000
FY 20170571	WARFIELD PARK IMPROVEMENTS	-	-	-	-	-	-	-	450,000
P12186	GEORGE ENGLISH PARK BOAT RAMP RENOVATIONS	-	-	-	-	-	-	-	400,000
FY20180652	SUSTAINABLE DEVELOPMENT LOBBY RENOVATIONS	-	-	-	-	-	-	-	385,000
FY 20170574	WILLIAM DANDY MIDDLE SCHOOL IMPROVEMENTS	-	-	-	-	-	-	-	380,000
FY 20170481	DINGHY DOCK LAS OLAS BIGHT (MERLE FOGG/IDLEWYLD)	-	-	-	-	-	-	-	369,000
FY 20170573	SUNRISE MIDDLE SCHOOL IMPROVEMENTS	-	-	-	-	-	-	-	360,000
FY20100181	POLICE DEPT FREIGHT ELEVATOR REPLACEMENTS	-	-	-	-	-	-	-	350,000
FY20140040	RIVERSIDE PARK RESTROOMS	-	-	-	-	-	-	-	318,500
FY20180636	SUSTAINABLE DEVELOPMENT SECURITY IMPROVEMENTS	-	-	-	-	-	-	-	308,000
FY20140029	SHADE OVER HOLIDAY PARK BASEBALL FIELD BLEACHERS	-	-	-	-	-	-	-	301,070
FY20180644	RIVERLAND PARK POOL RESURFACING	-	-	-	-	-	-	-	270,000
FY 20170496	RENOVATIONS JIMMY EVERT TENNIS CENTER	-	-	-	-	-	-	-	200,000
FY 20150142	SHIRLEY SMALL PARK RESTROOM	-	-	-	-	-	-	-	184,800
FY 20170482	RESTROOM DR. ELIZABETH HAYS CIVIC PARK	-	-	-	-	-	-	-	184,800
FY20140054	BAYVIEW DRIVE BIKE/PEDESTRIAN PROJECT	-	-	-	-	-	-	-	170,000
FY 20170479	CARTER, CROISSANT & LAUD MANORS WATER PLAYGROUNDS	-	-	-	-	-	-	-	150,000
FY 20170564	GEORGE W. ENGLISH PARK BASKETBALL COURTS	-	-	-	-	-	-	-	150,000
FY 20170480	POOL CHEMICAL CONTROLLERS - VARIOUS SITES	-	-	-	-	-	-	-	129,949
P12000	REPLACEMENT DOCUMENT MANAGEMENT SYSTEM	-	-	-	-	-	-	-	107,706
FY 20160330	MUSIC RECORDING STUDIO	-	-	-	-	-	-	-	100,000
FY 20170575	STEPHEN FOSTER ELEMENTARY SCHOOL BASKETBALL COURTS	-	-	-	-	-	-	-	100,000
FY20180653	CODE COMPLIANCE WORK SPACE UPGRADES	-	-	-	-	-	-	-	100,000
FY 20170493	MILLS POND PARK BASKETBALL COURTS	-	-	-	-	-	-	-	87,750
FY 20170556	BENNESON PARK BASKETBALL COURTS	-	-	-	-	-	-	-	50,000
FY 20170557	BRYANT H. PENEY PARK BASKETBALL COURT	-	-	-	-	-	-	-	50,000
FY 20170558	COONTIE HATCHEE PARK BASKETBALL COURT	-	-	-	-	-	-	-	50,000
FY 20170561	ESTERRE DAVIS WRIGHT PARK BASKETBALL COURT	-	-	-	-	-	-	-	50,000
FY 20170562	FLAMINGO PARK NEW BASKETBALL COURT	-	-	-	-	-	-	-	50,000
FY 20170565	GUTHRIE-BLAKE PARK BASKETBALL COURT	-	-	-	-	-	-	-	50,000
FY 20170572	LAUDERDALE MANORS ENTRANCEWAY BASKETBALL COURT	-	-	-	-	-	-	-	50,000
<b>General Capital Projects Fund (331) Total</b>		<b>30,016,770</b>	<b>25,831,134</b>	<b>13,104,095</b>	<b>9,834,574</b>	<b>9,798,682</b>	<b>10,288,262</b>	<b>98,873,517</b>	<b>211,941,782</b>
<b>Gas Tax Fund (332)</b>									
P12223	ANNUAL ASPHALT RESURFACING	364,612	375,000	375,000	375,000	375,000	375,000	2,239,612	1,935,000
P11945	ANNUAL MICROSURFACING	303,601	443,115	443,115	443,115	443,115	443,115	2,519,176	-
P11762	CONCRETE AND PAVER MAINTENANCE 2011/12	25,050	-	-	-	-	-	25,050	-
<b>Gas Tax Fund (332) Total</b>		<b>693,263</b>	<b>818,115</b>	<b>818,115</b>	<b>818,115</b>	<b>818,115</b>	<b>818,115</b>	<b>4,783,838</b>	<b>1,935,000</b>
<b>Fire Rescue Bond 2005 Series Fund (336)</b>									
P10918	FIRE STATION 13 REPLACEMENT	4,996,888	-	-	-	-	-	4,996,888	-
P10909	FIRE STATION DESIGN & CONSTRUCTION - FS 8 (SOUTHEAST) - NEW	3,485,935	-	-	-	-	-	3,485,935	-
P10914	NEW FIRE STATION 54	4,082,804	-	-	-	-	-	4,082,804	-
P10911	FIRE STATION 46 DESIGN & CONSTRUCTION	69,603	-	-	-	-	-	69,603	-
P11892	TEMPORARY FIRE STATION 54	29,802	-	-	-	-	-	29,802	-
P11024	NEW FIRE STATIONS SHARED PROJECT COSTS	6,895	-	-	-	-	-	6,895	-
<b>Fire Rescue Bond 2005 Series Fund (336) Total</b>		<b>12,671,927</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,671,927</b>	<b>-</b>
<b>Special Obligation Construction 2008B Fund (343)</b>									
P12234	BAYVIEW DRIVE SEAWALL BEWN NE 59ST AND NE 60	279,385	-	-	-	-	-	279,385	-
P12089	BRIDGE REPLACEMENT AT COCONUT ISLE	117,432	-	-	-	-	-	117,432	-
P10777	SOUTH SIDE SCHOOL-PURCHASE & RESTORATION	18,521	-	-	-	-	-	18,521	-
P11774	RIVERWALK LIGHTING	3,890	-	-	-	-	-	3,890	-
<b>Special Obligation Construction 2008B Fund (343) Total</b>		<b>419,228</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>419,228</b>	<b>-</b>