

**EXECUTIVE SUMMARY**

Created in March, 2017 the Infrastructure Task Force (“ITF”) Committee was tasked to:

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

City Resolution 17-46.

In May, 2018 during its priority setting retreat, the City Commission asked that the ITF develop interim recommendations focused on near-term solutions – within the next 3 to 5 years—related to specific infrastructure elements: water, sewer, storm water, roads, sidewalks, and seawalls.

Other infrastructure challenges, such as sea level rise, bridge replacements (as well as other City facilities) were acknowledged to be longer-term in nature, were directed to be reserved for later ITF reports.

Based on efforts to date, including review of available mater plans and existing funding sources as well as a number of neighborhood outreach meetings, the ITF has developed a series of interim recommendations. The recommendations are outlined below. The full report provides greater detail and discussion. The attached Appendices provide further supportive materials

**INTERIM RECOMMENDATIONS**

The ITF’s interim recommendations are as follows, organized by infrastructure element:

**1 Water/Sewer**

Following significant failures relating to the sewer system in 2016, the City entered into a Consent Order with the Florida Department of Environmental Protection (“FDEP”) which establishes obligations: to repair or replace a series of major sewer system elements; and to within the next 2 years inspect the City’s sewer system to determine whether additional improvements to the system will be necessary.

The water and sewer systems' immediate capital needs have been met by the City's sale of \$200 million in revenue bonds in March of 2018. These funds will be expended on the systems in the next 3-5 years.

Additional or future (beyond 5 years) system needs -- planned or emergency -- are not currently funded, but are intended to be funded externally: with additional issues of future revenue bonds.

Funds that could be available internally to the water and sewer funds are currently being transferred out of these funds to the General Revenue fund through a Return on Investment ("ROI") mechanism.

The ITF believes funds available to the water and sewer (and other) utility funds should remain available to those funds for their future capital needs. Accordingly, the ITF recommends that the City Commission:

- **End the use of the ROI mechanism to transfer monies to the General Fund.**

**The ITF recommends that the rate-based monies of the water/sewer funds (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 ROI, be used to offset other City general costs funded through the General Fund.**

If the Commission agrees with this recommendation, the ITF recommends that the Commission replace the loss of current ROI fund transfers to the General Fund with either: additional ad valorem taxes/revenues or reductions in General Revenue expenses (if possible); or a combination of both.

## **2 Storm water**

The City's current storm water planning (latest update dated January, 2018) is focused on implementing storm water facilities in 7 priority neighborhoods identified by previous studies. The improvements designed for these 7 neighborhoods are estimated to cost between \$150-200 million, which is proposed to be funded by the issuance of revenue bonds supported by storm water utility rates.

Analysis of current storm water rates indicates that the current rate structure is not sufficient to support the debt levels necessary to fund the identified improvements. As a result, the City has analyzed a series of alternative rate structures and methodologies, which would generate sufficient monies to support, needed funding. Accordingly, the ITF recommends that the City Commission:

- **Approve a revised methodology for storm water utility rates, based on a TRIPS- or traffic-based methodology, in order to allow for sufficient rate-based funds to implement the current Storm Water Master Plan; provided that such additional funds are not subject to any ROI-based transfer to the General Fund.**

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

It must be noted that this set of storm water improvements, for the initial 7 neighborhoods, is just that: the first set of needed storm water improvements. Additional improvements will be necessary in the future.

### **3 Roads, Sidewalks, and Seawalls**

Roadway capacity, traffic congestion, and sidewalk conditions consistently score in the top levels of concerns in the City's annual Neighborhood Surveys.

The ITF believes these infrastructure areas should be funded at higher, annually consistent levels from General Revenue -- through contributions to the 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.

Current General Revenue contributions to capital projects have varied significantly over the last several years: From \$8.7 million in FY 2016, to \$25.8 million in FY 2018 (including a one-time \$13 million injection of funding based on the sale of City surplus property).

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

By way of context, as of FY 2018's CIP, the total amount of general capital projects planned and programmed for FY 2018-2022 was: \$ 98.8 million, of which only approximately \$55 million was funded either previously (prior FY years) or currently (FY 2018). The currently unfunded amounts for these same projects was \$221.9 million

Accordingly, the ITF recommends that 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 overall purpose of this recommendation 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.

#### **4 Impact Fees**

The City's impact fee structure has not been updated since 2005. *[CONFIRM]*

Accordingly, the ITF recommends 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.**

As the City's infrastructure needs evolve and increase over time, it is recommended that the City update its impact fee mechanisms to keep pace with demands of new development's infrastructure demands within the City.

#### **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 police headquarter/jail for potential implementation to replacement 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
- The potential for use of alternative or innovative financing mechanisms, such as contractual funding mechanisms (e.g.: sales/leasebacks) or public/private partnerships to fund larger or collaborative infrastructure and facility needs

## INTERIM 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 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 *[CHECK]* -- provided for both the composition of the ITF and it’s 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. *[CHECK]*

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. *[CHECK]*

**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>. *CONFIRM LINK*

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**

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

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

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

Below, organized generally by infrastructure area or by funding source, the ITF makes the following interim 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 of a Consent Order with FDEP, which was approved by the City Commission in September, 2017. **CONFIRM** 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 detail 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 and been issued and presented to the Commission.

This study, formally known as the “Comprehensive Utility Strategic Master Plan”, was presented to the Commission on **XX, XXXX [NEED DATE]**. 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> (Reiss Report as accepted by the City Commission 2017/02/17). 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 indentified 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.

### **ITF Water/Sewer Interim Recommendations.**

With respect to Water/Sewer infrastructure needs the ITF recommends as follows:

- **End the use of the use of the ROI mechanism to transfer monies to the General Fund.**

The ITF recommends that the rate-based monies of the water/sewer funds (and other utility systems, including storm-water) should remain available internally to fund some of the infrastructure needs of those utility systems, and should not, via ROI, be used to offset other City general costs funded through ad valorem taxes and the General Fund.

This is particularly true for the water/sewer utility funds given that 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 Fund 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.

The Reiss report was apparently similarly concerned to try to ‘re-capture’ ROI-transferred dollars for the use and benefit of the utility fund(s):

“The City is transferring over \$20 million a year collected from residents’ water and sewer bills and using the money to cover other City expenses. This is the first source of funding to add to help cover the [wastewater] funding gap. The City should also pursue federal funding for the planned, energy conserving oxygen generation system to help offset the customers costs.”

Reiss Report, page 682.

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.

If the Commission agrees with this recommendation, the ITF recommends that the Commission replace the loss of current ROI fund transfers to the General Fund with either: additional ad valorem taxes/revenues or reductions in General Revenue expenses (if possible); or a combination of both.

## **B. Storm Water.**

Background. Issues with respect to the storm water infrastructure needs of the City have risen in prominence in the 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 a 7 ± planning horizon [*CONFIRM*], and is available here: <https://www.fortlauderdale.gov/departments/public-works/engineering/master-plans>. [*CONFIRM LINK*]

This plan only addresses the needs for storm water facilities in a set of specific 7 ‘high-priority’ neighborhoods within the City, with estimates of needed funding ranging between \$150-200M for the implementation of these identified storm water improvements. [*CONFIRM, NEED REFERENCE*]

- 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 *XXXX [need citation/info]*.

This current storm water 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.

### **ITF Storm Water Recommendations.**

With respect to Storm Water infrastructure needs the ITF recommends as follows:

- Approve a revised methodology for storm water utility rates, based on a TRIPS- or traffic-based methodology, in order to allow for sufficient rate-based funds to implement the current Storm Water Master Plan; provided that such additional funds are not subject to any ROI-based transfer to the General Fund.

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.

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

- Consider use of the storm water 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 storm water 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 storm water management, it may be appropriate to use storm water 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 storm water management needs.

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

Background. 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, <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 Parks is responsible. [ADD PARKS LINK]

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. . [ADD PARKS LINK]

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 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 contribution 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).

### ITF Roads/ Sidewalks/ Seawalls Interim Recommendations.

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.

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>.

Accordingly, with respect to roads and sidewalks or other general City infrastructure needs the ITF recommends as follows:

- Establish minimum annual General Revenue funding 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 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.

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.

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

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 structure has not been updated since 2005. *[CONFIRM]*

Accordingly, the ITF recommends 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.

As the City's infrastructure needs evolve and increase over time, it is recommended that the City update its impact fee mechanisms to keep pace with demands of new development's infrastructure demands within the City.

#### **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
- Potential 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.

DRAFT

- 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

*[MORE?]*

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

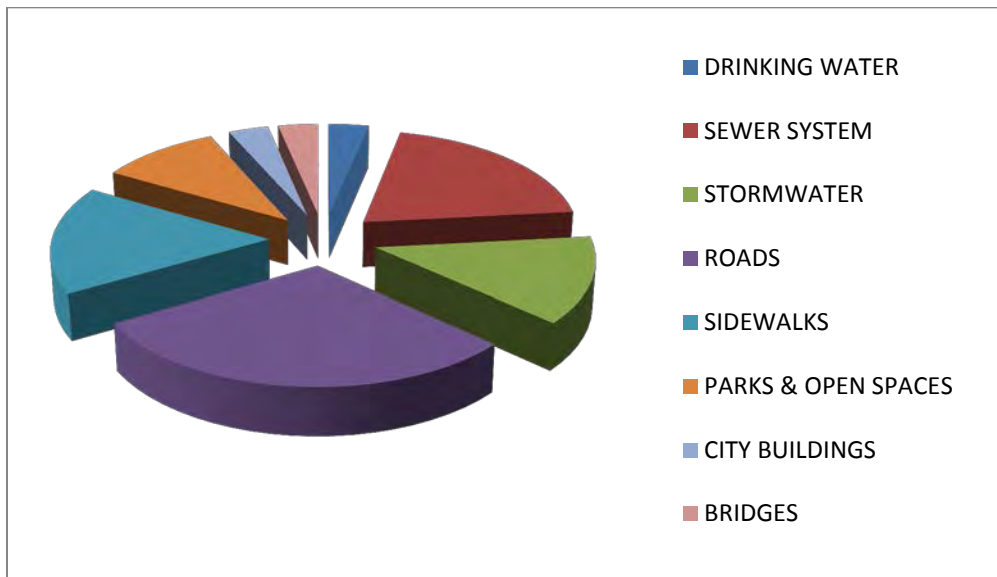
It was determined that the meetings should take place after the March 13, 2018 city elections. The topics were determined by identified issues of priority as directed by Mayor Seiler at its June 5, 2017 meeting; as well as, priorities identified by the Consent Order, Emergency Declaration and subsequent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

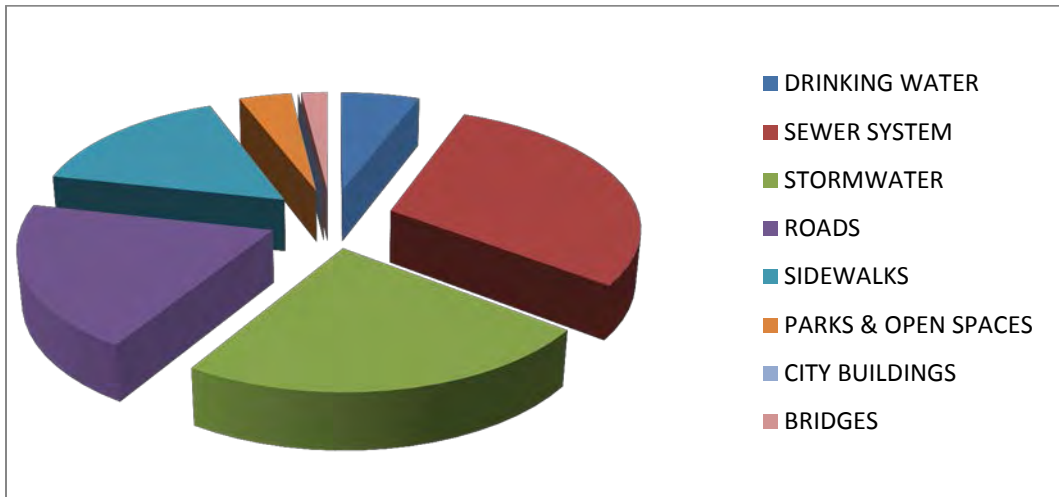
DISTRICT 1, MARCH 19, 2018

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%



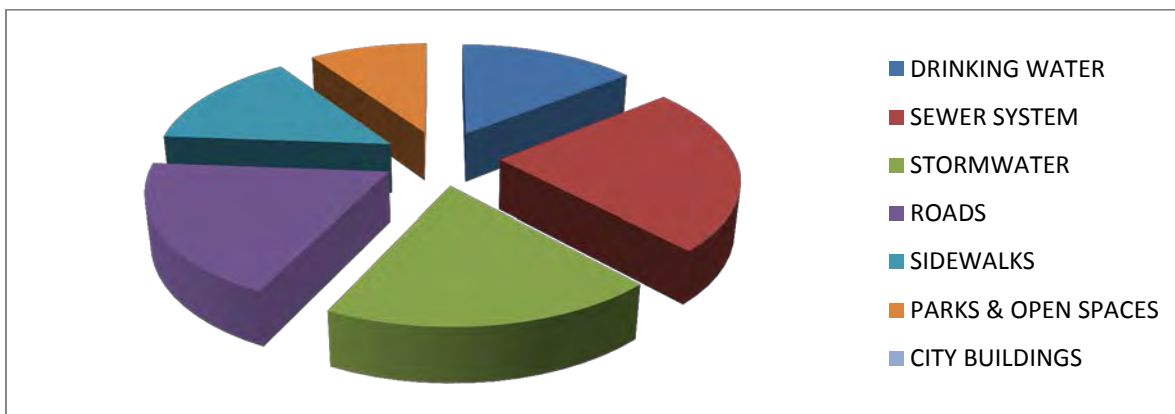
DISTRICT 2, MARCH 27, 2018 HOLIDAY PARK

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

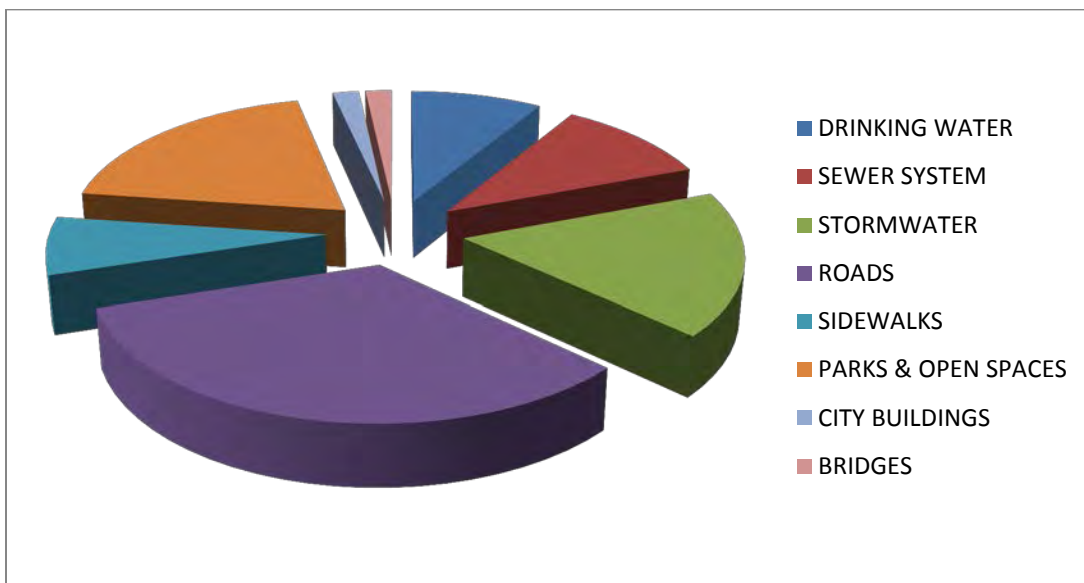
DRINKING WATER	14%
<b>SEWER SYSTEM</b>	24%
<b>STORMWATER</b>	19%
<b>ROADS</b>	19%
SIDEWALKS	14%
PARKS & OPEN SPACES	10%
CITY BUILDINGS	0%
BRIDGES	0%



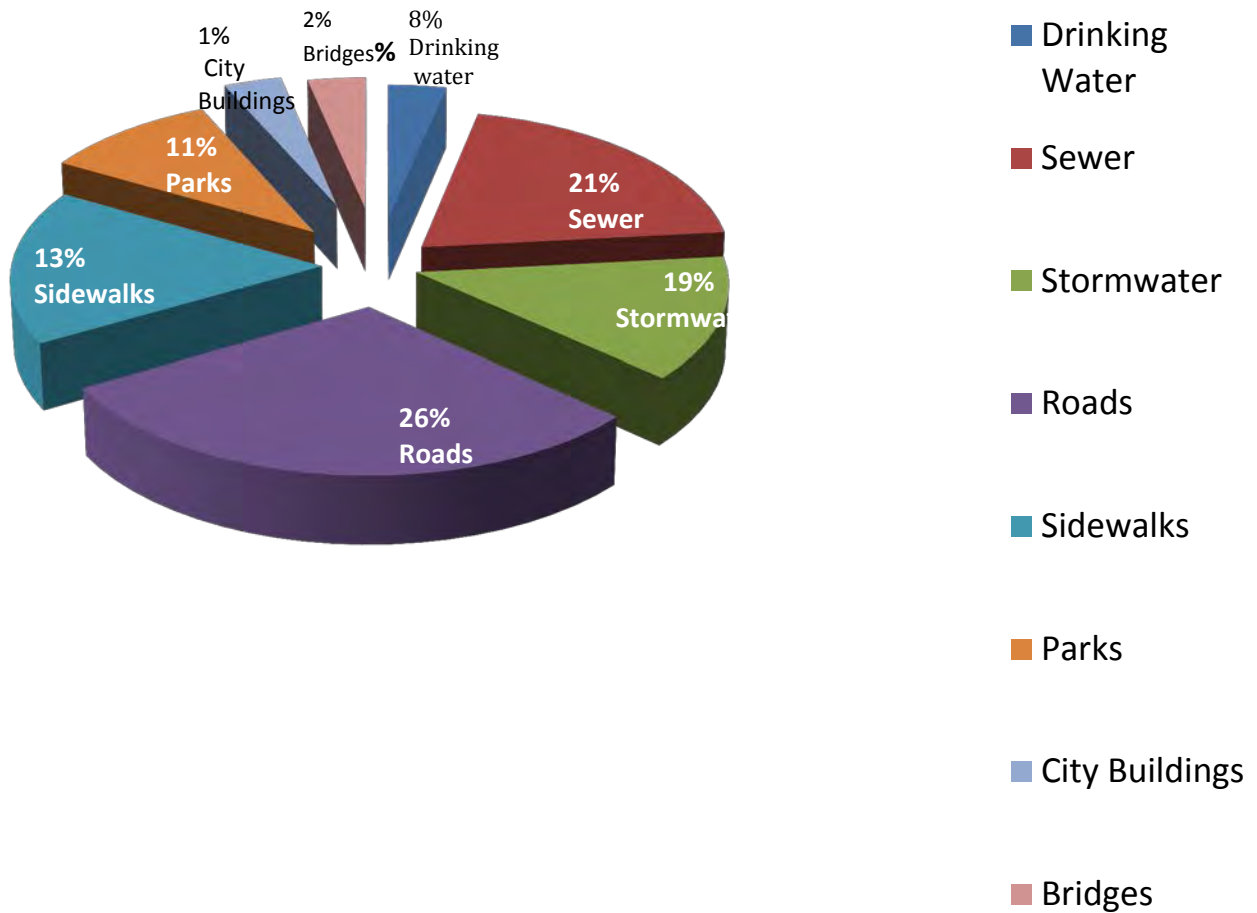
DISTRICT 4, March 22, 2018 Hortt Park

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 contaminants (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



## 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

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 black ink that reads "Jennifer K. Smith". The signature is written in a cursive style.

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)



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/rulelist.htm>.

CITY OF FORT LAUDERDALE

ATTEST:




Jeffrey A. Modarelli, City Clerk  
City Clerk

  
John P. "Jack" Seiler, Mayor  
Mayor

(SEAL)

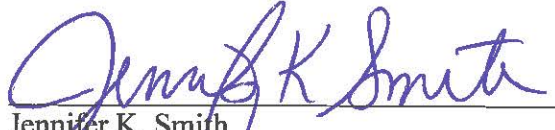
  
Lee R. Feldman, City Manager

Approved as to Legal Form

  
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  
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.

  
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

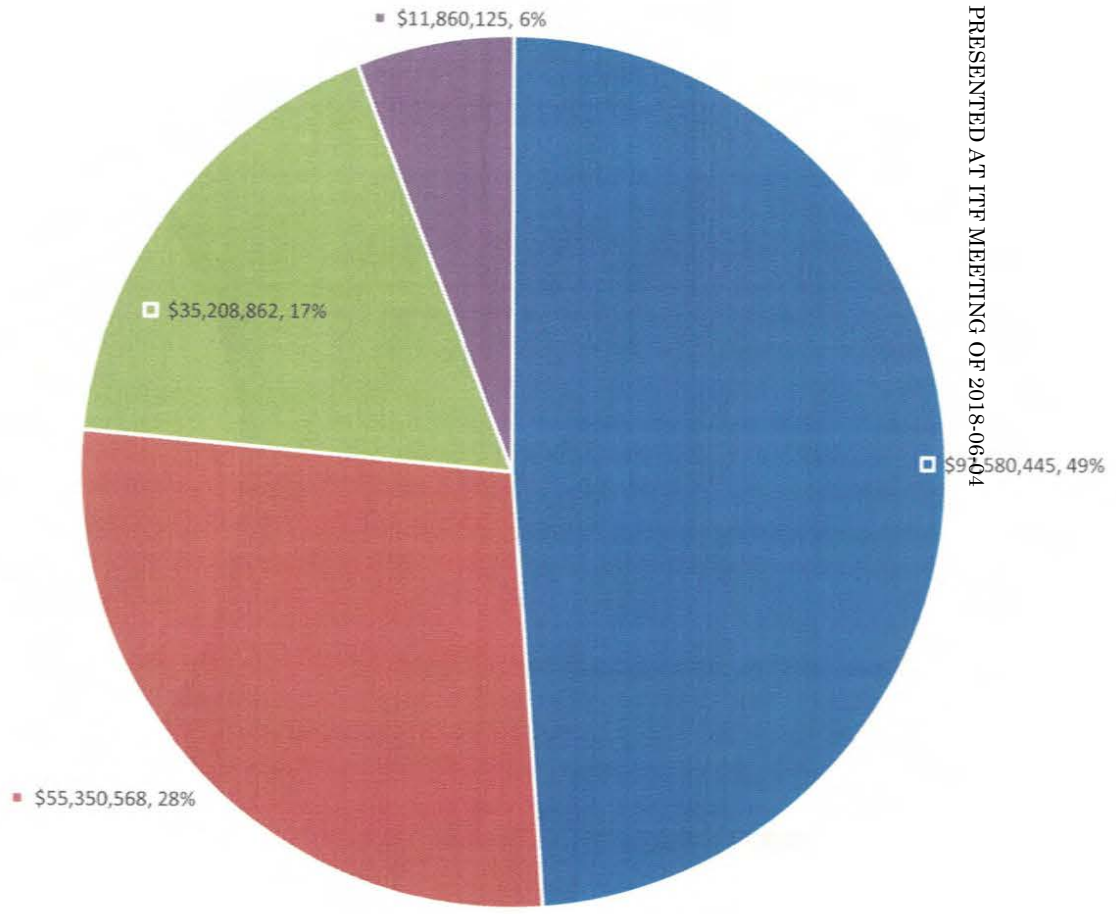
Department enforcement action. The City may remove the sign(s) after the project has been completed. However, after the project has been completed the City shall not post any sign(s) at the site indicating that the reason for the project was anything other than a Department enforcement action.

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.

### Bond Funded Projects - By Category

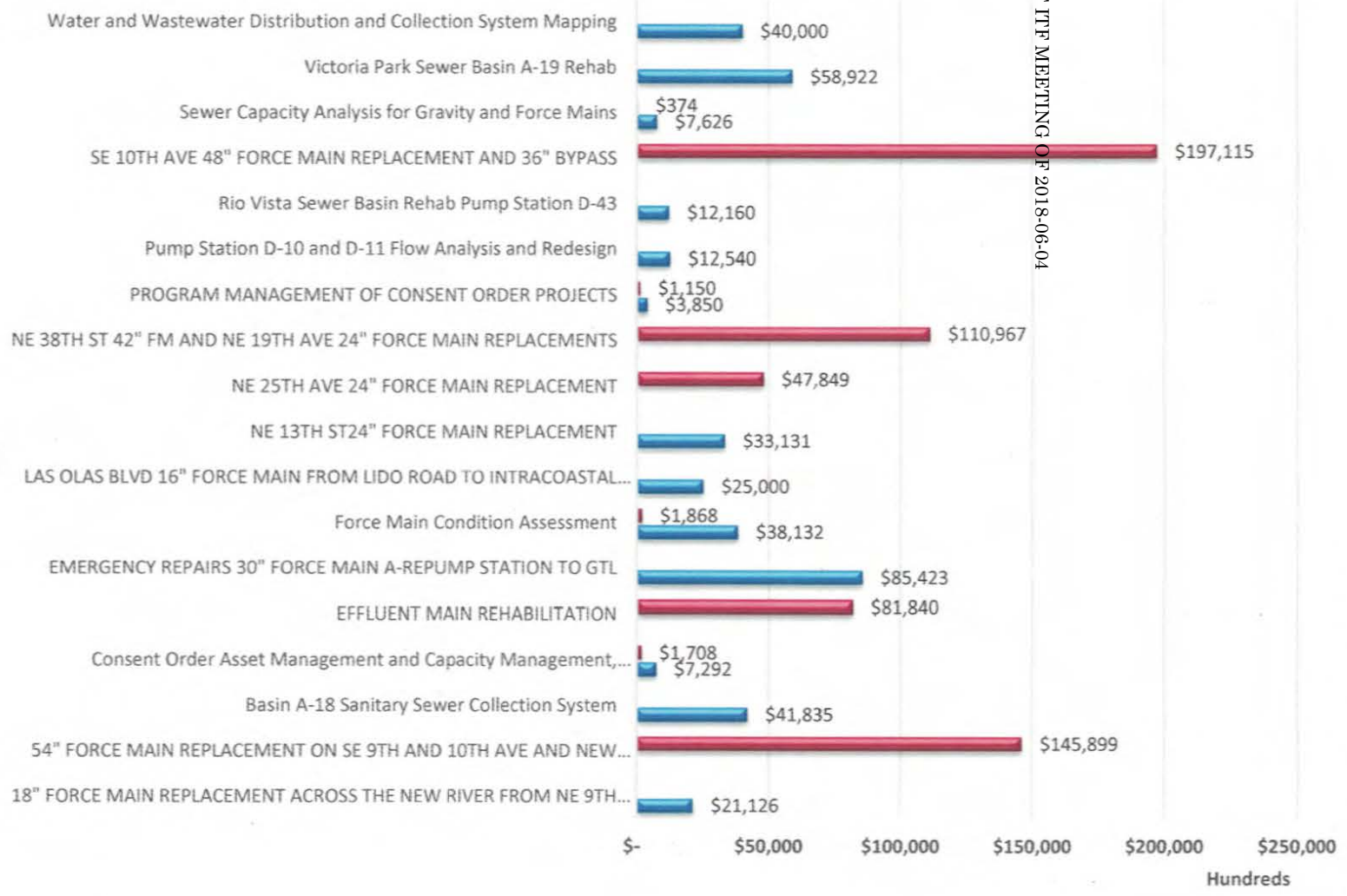


- Consent Order Projects (Central Region \$58,876,860 + W/WW Master Plan \$38,703,585)
- Priority Deferred Projects/Future CIP Projects Now Funded by Bond Monies
- CUSMP [Comprehensive Utility Strategic Master Plan / Reese Report] (Central Region \$23,900,000 +W/WW Master Plan \$11,308,862)
- Projects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

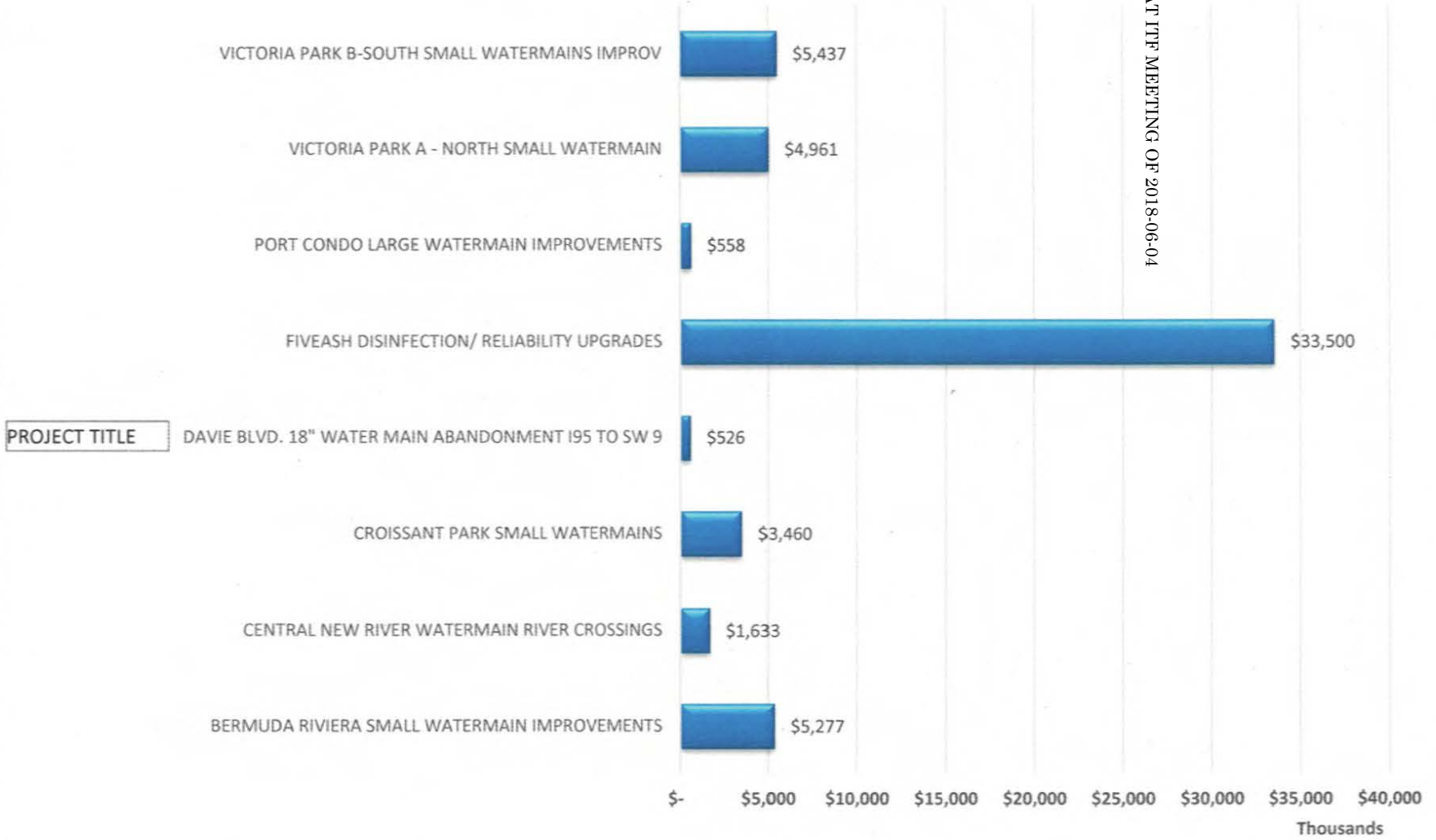


FUND

496 - Central Region    495 - Water/Wastewater Master Plan

Sum of TOTAL PROJECTED COST

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



PROJECT TITLE

FUND

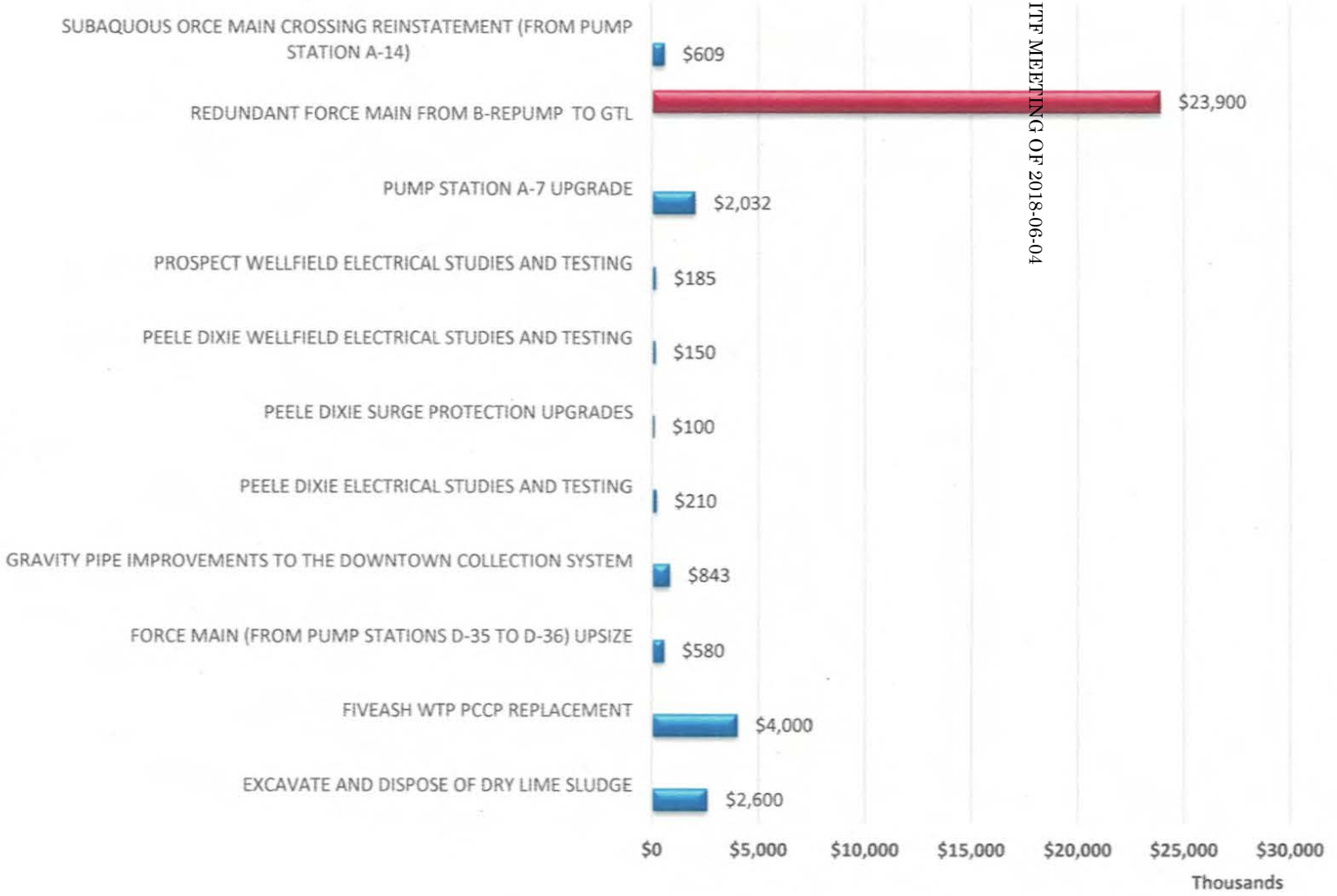
■ 495 - Water/Wastewater Master Plan

BACK-UP PRESENTED AT ITP MEETING OF 2018-06-04

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



## 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>

# 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>23,689</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>84,924</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>1,900,000</b>				<b>3,419,210</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>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>1,133,950</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>30,721</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>12,671,927</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>419,228</b>	

**DRAFT**  
**City of Fort Lauderdale**  
**Infrastructure Task Force Committee**  
**June 4, 2018**  
**2:00 p.m. to 5:00 p.m.**  
**8th Floor City Commission Room – City Hall**  
**Fort Lauderdale, FL 33301**

1. **Call to Order:**
- **Roll Call**

<b>MEMBERS</b>		<b>PRESENT</b>	<b>ABSENT</b>
Marilyn Mammano	P	13	1
Ed Kwoka	P	12	2
Ralph Zeltman	P	14	0
Keith Cobb	P	9	5
Roosevelt Walters	P	13	1
Fred Stresau	A	11	3
Norm Ostrau	P	11	1
David Orshefsky	P	11	0

(arrived at 2:14 p.m.)

**Staff Present**

Meredith Shuster, Administrative Assistant  
Raj Verma, Interim Assistant Public Works Director  
Christopher Lagerbloom, Assistant City Manager  
Rhonda Montoya Hasan, Assistant City Attorney  
Michael Mitchel, Prototype-Inc. recording secretary

2. **Approval of Agenda**

**Motion** made by Mr. Walters, seconded by Mr. Kwoka, to approve the agenda. In a voice vote, the motion carried unanimously.

3. **Approval of Previous Meeting Minutes**

**A. May 7, 2018**

Mr. Zeltman made the following corrections, additions, and deletions:

- Page 13 at the bottom should read as, “**Mr. Zeltman advised that it is to meet code compliance, maintenance, and structural integrity of the buildings**”.
- Page 15, fourth line, should read as, “**Mr. Zeltman mentioned Federal, State, and Broward County Schools are exempt**” instead of certain buildings.
- Page 15, sixth line, second sentence that starts with “Mr. Zeltman asked if there were inspections at that location because it is well over 40 years” then add “**and**”

***the maintenance people at the Police Headquarters indicated a lot of the Fire protection issues were grandfathered in”.***

- Page 18, fifth comment from the bottom should read as, ***“Mr. Zeltman indicated that he obtained some photographs”.***
- Mr. Zeltman requested to change someone’s comment about his language to a ***comment or concern.***
- Mr. Kwoka believed that the appropriate phrase was that he took issues with Mr. Zeltman’s ***comment.***

Mr. Orshefsky made the following corrections, additions, and deletions:

- Page 5, third paragraph, second line, should read as ***“Wall Street”.***
- Page 7, sixth paragraph, should read as, ***“70 mills”***, not 70 million.
- Page 15, paragraph 7, first sentence, remove ***“not”***.

Mr. Verma requested clarification on Page 20, third paragraph, last sentence, “Where the base material fails resurfacing would work” should read as, “would ***not*** work”.

**Motion** made by Mr. Walters seconded by Mr. Kwoka, to approve the May 7, 2018 meeting as amended. In a voice vote, the motion carried unanimously.

#### **4. General Discussion (Board Members)**

Chair Mammano introduced Jacquelyn “Jackie” Scott, representative from the Planning and Zoning Board. She has not yet been appointed by the Planning and Zoning Board to be its representative on the Infrastructure Task Force Committee. Ms. Scott is not a voting member at this meeting; however, her comments should be recorded as a guest.

Chair Mammano was very pleased with graphics provided by staff that describe the bond fund projects by categories so they can be visually seen.

Mr. Orshefsky mentioned the second handout for Public Works, which was transmitted electronically. It is a CIP and Fund 331 budget model. Everyone said they received the handout.

#### **5. Old Business**

##### **A. City Attorney Response to Board Member Term**

Mr. Kwoka explained that at the last meeting there was vigorous debate about whether appointment to the ITFC once made was for the duration of the Infrastructure Task Force Committee or when an ITF member was no longer a member of the underlying board would that mean there would be a new appointment. There was a great deal of concern about the amount of time and effort that has gone into coming up to speed and what turnover would do to the Committee. It was decided that an interpretation would be provided from the City Attorney’s Office. There was a fairly strong consensus amongst the members of the

Committee, the initial order from the Commission was for the duration of the Infrastructure Task Force Committee now 36 months.

Mr. Orshefsky asked if the positions on this Committee were ex-officio or if they were for the term of the Committee. There is language in the Resolutions that does both.

Assistant City Attorney, Rhonda Montoya-Hasan advised the original Resolution, 17-46, delineates the requirements of membership for the Infrastructure Task Force Committee. Members must be a resident and property owner in the City of Fort Lauderdale. Then there are various members who are appointed either by the Mayor and Commission or that come from various Boards, the Chamber, and the Civic Association. In the case of Mr. Hansen, he was no longer a Board designee of the Planning and Zoning Board; however, he could have served until a new Board member was appointed for that position. If it is the desire of the Infrastructure Task Force Committee to have the Commission consider having Mr. Hansen stay on this Committee through the end of the term, the composition of the Infrastructure Task Force Committee that is delineated in the original Resolution, 17-46, would need to be modified.

Mr. Ostrau commented that the original Resolution says, "Each member shall serve the term of appointment." Term is defined in the Resolution title and it says term in the Resolution; nothing was said about status.

Ms. Montoya-Hasan stated the original Resolution delineated the requirements for membership in the Infrastructure Task Force Committee. Additionally Resolution 17-127 delineates the category under which all the appointments were made. It says members were appointed for an 18-month term that would go through September 6, 2018. As mentioned, the life of the Infrastructure Task Force Committee was extended until March 2020. Resolution 18-07 delineates that all the Infrastructure Task Force Committee members appointments are extended from September 7, 2018 until March 7, 2020. Implicit in the extensions of those terms was that members must maintain their eligibility. If members move out of the City of Fort Lauderdale or if they sell their property, they would no longer be a member by the membership requirements of the original Resolution. One of the questions was what if the Chamber decided to appoint somebody else. They cannot as long as the member maintains the other eligibility requirements because their term has been extended through March 2020. If a member is no longer a member of one of the particular Boards, either the Budget Advisory or the Planning and Zoning Board, then they do not have the eligibility requirements to continue on. If they are appointed by the Mayor or Commission that is different; those appointments clearly serve until 2020 as long as they are residents and maintain property in the City of Fort Lauderdale.

Ms. Montoya-Hasan indicated that Mr. Hansen could have served until someone else was appointed because the language in all the Resolutions allow a member to serve until a successor is appointed.

Chair Mammano questioned if Mr. Hansen could have continued if the Planning and Zoning Board Chair took the position that it would be better for the general work of the Committee not to appoint a successor even though Mr. Hansen was no longer a member of the Planning and Zoning Board.

Ms. Montoya-Hasan advised that the language of the Resolutions allow for that. If the Planning and Zoning Board fails to make any appointment, Mr. Hansen would serve because by the language consistent in all the Resolutions, any of the members, if they were to lose their eligibility, would continue to serve until such time as a successor member is appointed.

Mr. Orshefsky questioned how the Committee would ask the Commission to resolve this and if they should communicate with the Commission and say, "Please make these permanent non-ex-officio appointments".

Ms. Montoya-Hasan replied yes.

**Motion** made by Mr. Kwoka, seconded by Mr. Walters, recommending the City Commission consider all current appointments made to this Committee as of its inception to be for the duration of the Committee through the current 36 months or as extended.

Ms. Montoya-Hasan assumed that would include the issue of other eligible requirements about resident and property owners.

Member Edward Kwoka made the motion, seconded by member Roosevelt Walters recommending the City Commission consider all current appointments as of its inception to this Committee to be for the duration of the 36 months or as extended. Residency and property ownership should be a consideration for the duration.

In a voice vote, the motion carried unanimously.

Ms. Hasan advised that the Communication goes to the City Clerk as a communication from this Board and then goes to Conference.

Mr. Orshefsky questioned if Ms. Shuster would make sure that the copy of the Communication is circulated to the Committee and that the Committee be kept advised as to when it is going to be heard by the Commission.

Ms. Montoya-Hasan indicated that a Resolution would have to be done and brought forward. Chair Mammano commented that the Committee would have to be there to express why.

## **B. Description of the \$200 Million Bond Fund Projects**

Mr. Orshefsky spent some time with Assistant City Manager Chris Lagerbloom trying to address some of the bond issues. He understood the green and the red portions of the pie chart included in the backup. The green portion was not in the CIP but was in the Master Plan

and has now been added to the CIP because there are bond funds. The red portion were projects to be deferred, abandoned, otherwise, not immediately funded under the CIP. Fiveash was put back but others were deferred. Mr. Orshefsky questioned if this was the list of the deferred items now funded.

Mr. Verma replied yes.

Mr. Orshefsky asked for clarification of the purple section. His understanding was it was City policy to have 90 days in operation reserves and noted that it is now 50 – 55 days in order to fund operations with the emergency repair. That is different than the capital funding that was otherwise funded by the CIP. He questioned if it was 90 days and noted that it is now below the 90-day level. The purple amount was to go back into the reserve to fund from the current 50 or 55 days or whatever it was back to 90 days to fulfill the elements of the policy. Ultimately, what used to be capital dollars are becoming operational dollars.

Chair Mammano expressed concern about that as well.

Mr. Orshefsky referenced the blue section of the pie chart and stated that there was an overlap between the Consent Order projects and projects that were funded or partially funded by the CIP. When the bond dollars came in, the bond dollars substituted for those CIP dollars. The \$97 million number was clear based on the budget amendments done to pour the \$200 million into the CIP; that is the number. The number Mr. Orshefsky was still chasing was what percentage, if any, of the \$97 million was substituted for existing CIP dollars and if so, where those CIP dollars went.

Mr. Lagerbloom stated that a large spreadsheet was put together that was not immediately available but provides an insight. Mr. Orshefsky was still looking for the answer because if there was some or all of the \$97 million-dollar amount of CIP dollars floating around loose, he would like to know where it went; he thought some of it went to the operational fund. Mr. Orshefsky questioned if there were other dollars and if so, where they went. Then, there would be an idea of how much actually was in the CIP to spend in Fiscal Year 2018 or 2019.

Chair Mammano indicated that was also her concern. The purple was returning money to the reserve fund. It was questioned why money was not being taken out of the Enterprise fund to up the reserve, which is where the reserve money comes from.

Mr. Orshefsky did not know if that was true and noted that the money comes from the ratepayers. It is believed that is where the replacement dollars were coming from; they were coming from CIP within those funds.

Chair Mammano stated that those funds were coming from the bond.

Mr. Kwoka mentioned that an incredible amount was spent moving sewage from one side of town to the other; \$25 million to \$26 million was spent on the 30-inch force main project. Mr.

Kwoka questioned if that came out of the general fund or if it was reallocated someplace from the CIP.

Mr. Walters indicated that when there was an emergency with the sewer and the streets and the 30-inch force main had to be done; it was not originally in the budget and was emergency money that had to come from somewhere. Mr. Walters questioned if that money went back to where it was before the emergency took place once the City got the \$200 million bond.

Mr. Verma advised that it probably went into the bond funds. When reviewing the spreadsheet, it showed approximately \$8.5 million charged to the Consent Order project of emergency repairs to the 30-inch force main.

Mr. Orshefsky commented that if more than \$8 million was spent on that project it came from a different source.

Mr. Walters stated that it was not complete. It says there was money moving around and he did not know where it was going or where it came from. Mr. Walters previously asked the City Manager about this and was told that staff would do a report twice a month to keep the Committee informed as to what has been funded and paid.

Mr. Verma indicated he was translating what was prepared in both the graphical form and in the spreadsheet. That is the maximum information.

Mr. Kwoka mentioned that there was a check for the \$200 million and someone somewhere transferred \$200 million into an account; they did not transfer it into 47 accounts. There has to be a register. Mr. Kwoka would like to see a breakdown of \$200 million to zero. The sheet given shows the 2 accounts 495 and 495 that the money went into and how it is allocated. It is in the process of being spent.

Mr. Verma believed a copy of the spreadsheet could be made that gives a list of projects, how much money came in from the bonds, what has been expended so far, what has been encumbered, and what is remaining. If there are more detailed questions, he would be happy to contact the right people and get back to the Committee as an informational item at the next meeting.

Chair Mammano mentioned the priority deferred projects, the \$55 million, and stated that a good amount of it was to put back money into the Fiveash plan. There was \$33 million for Fiveash and she assumed there was an account somewhere for Fiveash. Chair Mammano questioned if \$33,500,000 went back into that account.

Mr. Verma stated that whenever an account code has been set up for a project it has been tied together.

Chair Mammano noted that they were back to the funding they had for Fiveash before they had to borrow from Fiveash and likewise, for the Victoria Park small water mains.

Mr. Orshefsky was only concerned about CIP dollars that were already allocated. The other ones are subject to out-year vagaries and whatever the budget comes in at. The out-years are not allocated, not encumbered.

Mr. Verma mentioned that that was done because certain projects that did not have enough monies were planned over a two or three-year period. Rather than coming back and spending more money, because the monies are now available, those projects were consolidated. There would probably be some more monies than what was in the five-year plan and in some cases, it was taken away and that was why there may be some discrepancies.

Mr. Walters questioned how someone would know what Mr. Verma just said.

Mr. Verma has not checked the City's website but was sure all the information was available.

Chair Mammano advised that the red portion of the pie chart was priority deferred projects and currently funded by the bond, which is \$55 million.

Mr. Verma stated that these are deferred projects because they did not have the monies at the time they were in the CIP. Now, the monies are available and the projects are being funded as a part of this bond.

Chair Mammano commented that these are very clearly projects that would have been funded with CIP dollars if the bonds were not purchased.

Mr. Orshefsky clarified that the \$97 million represents the Consent Order dollars. The Consent Order list was primarily based on existing CIP projects. Under the existing CIP projects, some or all of those projects had been funded or were intended to be funded in the near term. Mr. Orshefsky questioned what happened to the CIP dollars when the bond dollars came in, if anything. He was not presuming that the funds went anywhere but there was an overlap between the Consent Order projects and previously funded for allocated CIP projects and he would like to know what the overlap was.

Mr. Verma stated that he would get a specific answer.

Mr. Orshefsky questioned if the new piece of paper was all CIP or just Consent Order.

Mr. Verma indicated that these were all the projects allocated under two different accounts. The projects add up to \$200 million and the expenditures to date is about \$12 million, which leaves, as of June 1, 2018, \$188 million.

Mr. Walters questioned if they are encumbered funds or not.

Mr. Verma advised this is how the funds have been budgeted from various types of projects. He referenced the last page and noted that it gave a breakdown by funds. On the pie chart

exhibit, the blue and purple add up to \$84 million and the red and green add up to \$115 million. The 495 fund is the Water Wastewater Master Plan fund and the 496 is the Central Region. That is the same \$200 million; there are two exhibits; one breaks it down by funds and the other by projects; both add up to \$200 million.

Mr. Cobb questioned what happened to the transaction cost.

Mr. Verma did not have the details but thought it was separate.

Mr. Kwoka clarified that Mr. Verma was saying that the City was holding onto \$188 million. He referenced the 30-inch force main and the \$8.5 million. That is the sheet that shows \$386,000 of \$8.5 million has been spent and he questioned how that was possible. More than \$8.5 million was spent; \$26 million was spent; they are not sitting on \$188 million.

Mr. Orshefsky stated that the main was finished and questioned if that meant that at least the \$8.5 million had been spent.

Mr. Verma stated that he would check on that.

Chair Mammano thought that the simplified pie chart enabled the Committee to ask more questions with more specificity.

Mr. Kwoka indicated that the Committee could not say to the public that there is \$188 million of \$200 million sitting in the bank when there is not; it is not possible. The real question is what is the lag behind what is said there is and what there really is. Mr. Kwoka understood there was some trickle down. This is not just a couple of hundred thousand dollars difference; an \$8.5 million discrepancy was pulled out. When talking about a \$200 million bond he would like a person who can answer the questions to sit at this table.

Chair Mammano questioned if this discussion could be continued at the July meeting.

Mr. Verma stated that as far as those projects are concerned, they are the planning numbers; estimates that have been assigned to different projects. Until the projects are completed, the actual numbers are not available.

Mr. Kwoka commented that project management staff will do rolling budgets. He questioned how long the 30-inch main project has been going on. He heard that the numbers are not certain until projects are complete. This was discussed at the last meeting and the City should understand where they are at any point in a project.

Mr. Orshefsky indicated that the contractor managing these projects should be able to generate a report.

Mr. Verma stated that because the projects have been encumbered and are not done yet, a final number would not be available to compare the planning numbers to the actual dollars.

Mr. Orshefsky commented that it is appropriate to ask the project manager without telling them how to project manage.

Mr. Verma stated that when the project is bid out staff does the quantity take off. The quantities are taken out by staff for all the items and based on the estimated quantities, the project goes out for bids. At the time of payment, amounts are paid based on the estimate. Prices are adjusted depending on the contract and the final actual amount when the project is completed.

Mr. Kwoka would like to see a copy of the original contract for the 30-inch force main and where they are at progress wise.

Mr. Verma believed that all the documentation could be provided. The only caveat was, because it was an emergency project, he could not say with certainty how it was then and how it is now. It would not be a good example. Mr. Verma stated construction is not definite.

Mr. Cobb thought the simple question was what was done with the \$200 million. He thought the Financial Director and the Deputy Financial Director of the City should be present to explain what happened to the finances with the \$200 million bond.

Mr. Orshefsky advised that the entire Finance Department from Procurement on is currently in the middle of a multi-million-dollar of their software system. The problem is that these people can talk to the Committee but because they do not have those software elements in place we may not get the level of detail desired.

Mr. Cobb would like to know if the \$200 million was net or gross.

Mr. Walters mentioned that some of the bond money has been used to replace other monies and that needs to be accounted for.

Chair Mammano stated that \$55 million went back for CIP projects.

Mr. Verma advised that the 30-inch force main project was allocated or assigned to the bond monies; the rest of the projects are in design phases.

Chair Mammano commented that everyone was in agreement that progress was being made. There are more questions and additional information will be provided at the next meeting. The Director and Deputy Director from the Finance Department will be invited to explain the \$200 million as well as the transaction costs. Chair Mammano noted that the new Commission is running ahead; they are already talking about the Stormwater Management Fee methodology. A lot of things are moving faster than they were under the previous Commission.

**C. Recommendation to City Commission on Six Priorities**  
**i. Preliminary Report by Board Member David Orshefsky**

Mr. Orshefsky advised that the basic elements are needed and based on the direction given on May 7, 2018, he thought most of that was in this document.

Mr. Kwoka was reluctant to inject much more into this and thought the information should be wrapped up. The temperament of the new Commission needs to be tested.

Mr. Orshefsky advised that the tail end of the memo was not organized the way it needed to be; there is a lot that needs to be a next step. The Committee needs to think about what the next step should be.

Mr. Ostrau suggested that it would be hard for a first-time reader to find the precise recommendations. After the introduction, he would list the five or six recommendations in abbreviated summary form and then let the rest of the document justify that.

Mr. Orshefsky indicated that he was going to do something with fonts and noted that if it was a recommendation it would be bold, underlined, italicized, or something so it jumps out. He will run through what has been heard on each of the recommendations from the City and they can be discussed some more. Ultimately, what must happen for cut #2, is to massage these recommendations so they are consensus of the Committee and to deal with suggestions from the City administration. Mr. Orshefsky reiterated that he was trying to be scrivener. One of the people he is scrivening is City administration; they are at the table too. He was not taking their agenda or the Committee's agenda unless he is given direction to do so. It is important to listen to City administration because they are the ones that have to either implement or make recommendations about the Committees' recommendations.

Chair Mammano believed some of the things could be put in the appendices; they do not have to be put in the report. In the front where we talked about the directive; this is our scope and then membership.

Mr. Orshefsky stated there are two audiences; the City Commission, which may or may not have read the enabling resolutions, and the public, which is a minimum amount.

Chair Mammano mentioned the Committee's first workshop. She noted that she would be happy to send comments to Ms. Shuster, who could then forward them to Mr. Orshefsky.

Mr. Kwoka felt like each of the members should be able to put together no more than a single page of their overall thoughts.

Mr. Orshefsky reminded everyone that the Committee knows more about the background than anyone else who would see this document. He needed to know how the Committee felt about the recommendations and if there were some that he missed.

Mr. Kwoka did not think anymore recommendations should be made.

Mr. Orshefsky stated that until the City Manager is directed otherwise, he is going to continue using ROI as a funding method. A history of disinvestment has been seen over the last ten years. There are only two ways to do this; raise ad valorem and make sure it gets little capital earmarks on it, which is the established minimum on Page 11. Ad valorem may need to be raised for other things like ending ROI, but ad valorem needs to be raised to a minimum amount and it needs to remain earmarked. The problem is that ROI comes out of the Enterprise funds, goes into general funds, and does not have capital earmarks. The end of ROI has two pieces, one is how to replace the ROI dollars in the general fund, which is where the City Manager is coming from, and \$20 million is plus or minus 7% to 10% of the overall budget of the City; which is a hit. Ad valorem tax dollars need to be raised to replace ROI. In speaking with administration, one of the mechanisms is to leave the ROI transfer where it is, is to do the transfer to general fund, but as ROI dollars are transferred, leave the capital earmarks and it is done over a certain number of years. That is a policy direction that the Committee would recommend to the Commission.

Mr. Cobb did not think the Committee should give an alternative solution. The Infrastructure Task Force Committee disagrees with the ROI and it should stop today.

Mr. Kwoka agreed.

Ms. Scott suggested phasing it out over one year.

Mr. Orshefsky advised that he has heard that discussion and that was why an alternative was provided.

Mr. Cobb believed that two choices should not be given and that it should be effective with Fiscal Year 2020 instead of Fiscal Year 2019.

Mr. Kwoka believed the statement should be strong because they just pulled a \$200 million bond that fills all kinds of back-holes. Those back holes have been dug by nine years of ROI; that is \$200 million.

Mr. Orshefsky mentioned the recommendation of ending ROI and was hopeful that the gavel would fall on the final version of this interim report by July 2, 2018 so it would go to the Commission in time to set ad valorem tax rates for the oncoming year.

Mr. Cobb suggested not putting a timeframe, just recommend ending it.

Mr. Orshefsky stated that the potential fiscal effectiveness is that the ROI stays in the Enterprise Fund flush with \$200 million worth of cash that cannot be spent; however, if the ROI mechanism is left in place, it gets brought over to the General Fund side with capital earmarks. If it is left in the Water and Sewer Enterprise Fund, which is where ROI is currently coming from, it can either be used for capital elements of the funds or the operational elements of those funds. It is still locked in to these two funds. The Commission asked what happens if the ROI is ended and in response, the City Manager came up with the list over the last fiscal

year of what ROI funded, which was about \$17 million to \$18 million worth of operational costs, soft costs, and \$2 million worth of capital expenditures mostly in the form of maintenance. Chair Mammano commented that there was no bond in there.

Mr. Orshefsky advised that there would be an operational shortfall in FY19 if there is no ROI transfer. A portion of that ROI transfer, which has been used in the past for capital, streets, parks, etc. is no longer available because they are busy trying to deal with operational costs. They will end up with a surplus of capital dollars in one area. The question is whether the City wants to use some or all of the ROI transfer with capital earmarks to fund bridges, streets, etc.

Mr. Orshefsky stated that the capital account in the General Fund is 331, which every department uses if they do not have access to enterprise funds. Police needed \$4.1 million, about \$1.5 million of which is to replace freight elevators in a 50-year-old building. Public Works number unfunded in the utility funds or in the enterprise funds was \$64 million. There is a huge shortage.

Mr. Cobb commented that should not be funded with water/sewer money.

Mr. Ostrau questioned how capital earmarks would be added if ad valorem was done.

Mr. Orshefsky stated that a recommendation would be made to the Commission and the City administration would be directed to do it.

Mr. Cobb believed that the fundamental issue was the difference of the tax base and the fee base. There was no logic behind the ROI that he could endorse.

Mr. Orshefsky advised that Mr. Feldman did not want to give up the ROI.

Mr. Kwoka indicated that Mr. Feldman and the auditor were challenged at a previous meeting at which time it was said if the ROI were eliminated they would have to figure out where to cut costs. Something like 85% or 90% of the City's budget was in employees.

Chair Mammano stated that Mr. Feldman told her if the ROI was taken out, that money would have to be replaced.

Mr. Orshefsky commented that there was an existing policy that says if there is too much money in the enterprise funds, rates would be reduced.

Mr. Kwoka stated that was very unlikely that eliminating the ROI would leave them with a surplus of cash.

Mr. Orshefsky advised that the operating reserves were just replaced and it is being recommended that the City get back up to their policy line. Conceivably the City could end up with \$20 million worth of excess cash in that fund. Mr. Orshefsky was all for reducing water and sewer bills.

Chair Mammano stated that was one of her comments in the draft; reducing water and sewer rates as a possibility of one of the recommendations.

Mr. Cobb commented that if the City Commission decided to eliminate the ROI the City Manager would find a way to do so.

Chair Mammano mentioned that the City's tax base is increasing next year because of the increase in all of the property values.

Mr. Cobb picked up a copy from the accountant and noted that the fund balance of the City is substantially in excess of the City's policy by some \$25 million.

Chair Mammano stated that Mr. Feldman told her they could not buy down the bonds if they stopped taking the ROI.

Mr. Orshefsky advised that they could because the Federal law just changed.

Ms. Scott indicated that if the ROI was discontinued they would find a solution.

Mr. Kwoka stated there are a lot of other things that need to be dealt with.

Mr. Walters mentioned the \$200 million and noted that they have to be careful about what would happen if it were applied for other future monies.

Paul Chettle, resident, commented that the ROI must be ended. Referenced was made to the pie chart and it was noted that it could be broken down very simply. Mr. Chettle stated that \$90 million was in Reiss as \$70 million; therefore, Reiss built in a \$20 million cushion. Two big observations were that there was \$60 million from the \$200 million that was for fully funded CIP items. Of that \$60 million, \$31 million was from the balance carried forward in the first year; therefore, \$31 million is real dollars. There is a Charter in the City that does not address reimbursing the fully funded CIP. Mr. Chettle questioned the status of the \$60 million worth of projects that have been funded by the bond that were not abandoned. The CIP was effective October 1, 2018, so there would have been a consolidated budget amendment between October 1, 2018 and today to the tune of at least \$31 million of the \$60 million. In addition, there was about \$28 million of partially funded CIP documents and of those, again, the balance carried forward the first year was \$13 million. There was at least \$45 million at a minimum when the cash balance was carried forward in the first year. Staff has to give better information. This data says June 1 but there is no way this is June 1<sup>st</sup> information; the City has done a disservice. Mr. Chettle referenced Project P11589, the project referred to on Fiveash. Fiveash was in the CIP from 2013 to 2017, and the City abandoned \$15 million, then used that money for the 30-inch force main. Within the \$200 million bond is \$33.5 million and half of that money went to Fiveash. The 30-inch force main was not on the 2017 CIP but it was on the 2018 CIP; it was a fully funded amount of about \$15 million or \$15.5 million. There is \$45 million somewhere that someone needs to explain. There also needs to be an explanation as

to how the City did not have a consolidated budget amendment to abandon those projects per the Charter.

Mr. Orshefsky advised that he needed a consensus.

There was a consensus for no ROI.

Mr. Orshefsky mentioned there were two pieces; one was end the ROI and the other was to replace the ROI to the general fund or leave it open.

There was a consensus for no replacement recommendation and no phase out.

Mr. Cobb suggested not saying no replacement; do not offer it.

Mr. Orshefsky questioned what the Committee wanted to do with ad valorem; this was half of ad valorem. The other half of ad valorem was that ad valorem dollars for capital expenditures on an annual basis need to be raised and that has to be tied down as much as possible.

Chair Mammano mentioned that the report says 1% is currently allocated..

Mr. Orshefsky stated that was the policy. In April 2014, the Budget Advisory Board made a recommendation to the City Commission to set a goal of a 2.5% annual contribution to the capital projects fund, which was never implemented. These were capital expenditures funded out of general revenue. The latest information as of April 2018 says it is the policy of the City that the annual contributions of this program from the general fund are at a minimum of 1% of total general fund expenses. Additional contributions may be made during the fiscal year throughout the budget amendments as desired projects and funding sources become available; however, additional funding from the general fund will not be permitted if the use of the fund balance causes the unrestricted fund balance to fall below the minimum requirement. It is subject to the reserve requirement. There is a minimum unrestricted fund balance and there is a maximum unrestricted fund balance. If the City goes above the maximum they have to start spending. The City Manager may pursue alternate methods by funding these projects through Federal, State, or Local grants that are publicly innovated financial options of public private partnerships. The City's general fund contribution to capital projects in FY16 was \$8.7 million plus or minus or 2.8% of the FY16 adopted budget. The FY17 general fund CIP allocation was \$14.4 million or 4.4% of operating expenses. The FY18 adopted general fund CIP was \$25.8 million plus or minus or 7% of operating expenses. The FY18 includes \$13 million in one-time funding received from the sale of surplus property. The real allocation was \$12 million. It is currently way above the 1%. If taxes need to be raised to get the minimum funding level done, then do it.

Ms. Scott questioned what the number needs to be.

Mr. Orshefsky stated that half a mill in taxes is \$16 million, which is approximately what was spent last fiscal year. The budget is \$300 million so \$2.5 million of the overall budget is 14 mills; a half mill is about 2.5%.

Mr. Cobb was not sure that it was this Committee's job to figure out what the ad valorem tax should be. He thought the recommendation should be to do these things and that it be funded with ad valorem tax. Perhaps it is the Committee's purview to say that the number should be 5% instead of 1%; it certainly should not be 1%.

Chair Mammano commented that maybe the number could be tied to a percentage of the City's capital.

Mr. Orshefsky clarified that the Committee does not want to tell the Commission how many mills but everyone was in favor of telling them what percent of the general revenue budget should be allocated to capital expenditures. He questioned that percentage.

Mr. Cobb believed the percentage should be 5%.

Ms. Scott questioned what percentage of the budget was the ROI.

Mr. Cobb replied 7% or 8%.

Ms. Scott commented that the basis was from the beginning and since it was known that they are using 7% or 8%, that could be used.

Mr. Orshefsky commented not Citywide.

Ms. Scott questioned if a specific amount could be increased immediately.

Mr. Orshefsky stated that the question was what the policy floor should be. Personally, since the tax roll keeps going like this, he thought there should be a minimum floor without worrying about the assets. As the tax roll goes up every year so should the percentage, which should go to capital investment.

Chair Mammano believed everyone was in agreement that there should be a dedicated minimum amount of money going into that fund. There was nothing to say they could not do more if they wanted.

Mr. Cobb indicated that the reason there were no funds for the Police Department or City Hall was because that money has not been set aside.

Mr. Kwoka advised that the administration felt they should pull bonds and residents should pay for it going forward as they are using it.

Ms. Scott questioned the number.

Chair Mammano stated that the number has been going up.

Mr. Orshefsky indicated that the number has been going up because ROI has relieved pressure on the general fund.

Mr. Kwoka was concerned that this was being made too complicated. He thought a recommendation should be made before going too deep.

Mr. Ostrau was in favor of having the ad valorem tax in the recommendation. He would like to stand behind that.

Mr. Orshefsky mentioned that 7% in FY18 was more than \$25 million and questioned if that was a nice round number.

Ms. Scott suggested higher.

Chair Mammano did not think they would ever catch up; the consequence of that would be raising taxes.

Mr. Cobb stated that he was thinking 5%.

Mr. Ostrau believed 7% to 10% funded should be from ad valorem.

Mr. Orshefsky questioned if it was to be locked into the 331.

Chair Mammano replied yes.

Mr. Orshefsky advised that in FY16 it was 2.8% of the adopted budget; in FY17 it was 4.4% of operating expenses; in FY18 it was 25% of operating expenses; therefore, he was going to 7% to 10% of operating expenses.

Chair Mammano mentioned there was a third recommendation; the storm water rate.

Mr. Orshefsky stated that money was needed to fund the storm improvement. He questioned whether the 5% increase to water and sewer should be examined for potential reduction.

Chair Mammano advised that there was previous discussion about support for new rate methodology on a basis of not raising more money necessarily; that was a consequence. The new methodology is more equitable; the question of equity became very important. During that discussion the Committee did not want to change the methodology because they wanted to raise more money; it was more equitable and this way the individual homeowners were not carrying a bigger burden than the condominium owners.

Mr. Orshefsky indicated that the recommendation was to approve whatever the methodology was.

Chair Mammano stated it was also best practices and it made more sense.

Mr. Orshefsky questioned if the equity argument should be mentioned, which he fully agreed with.

Chair Mammano would mention it but deferred to the Committee members.

Mr. Kwoka recommended staying with the recommendation from the consulting part.

Mr. Orshefsky advised that the consultant's numbers would be straight forward and the recommendation was going to be, "If they wanted to raise \$200 million here are the three ways to do it."

Mr. Kwoka stated that going to equitable opens a can of worms. There is value in the equity component to this.

Chair Mammano commented that the Committee was recommending that a dedicated amount of money be put into the capital budget so there is money to do what needs to be done. The recommendation was not doing the ROI so there was more money in the Enterprise funds to do whatever. She questioned why there was a recommendation to change the rate methodology.

Mr. Kwoka replied to resolve substantial stormwater and flooding issues in the City.

Chair Mammano indicated that if the Committee was in favor of changing the methodology to raise more money she would prefer to go with an equity argument. If the recommendation was to just raise more money the same methodology could be kept and continue raising the rates.

Mr. Orshefsky advised that was one of the things that was going to be presented; that existing single-family rates from \$10 to \$18 per month be doubled.

Mr. Kwoka stated there is a lot of claim for doing the right things for neighborhoods that were built 50 years ago that can arguably be flooding because of additional development in the City that is not being addressed.

Mr. Orshefsky indicated that the question was if they want to do it with an equitable mechanism or inequitable mechanism.

Mr. Kwoka mentioned that for every condo owner that comes out there would be someone who comes from another neighborhood that floods who has a legitimate bit of grief.

Chair Mammano understood but that was not the equity issue she was talking about. She was saying that money has to be raised to address those problems. Under the current methodology they just keep raising rates. Under the current methodology, the burden is on the home owner. If the recommendation is to change the methodology it is not only to raise more money but to do so equitably.

Chair Mammano stated that was one of the reasons that recommendation was being made was because it also has a consequence of raising sufficient money to deal with other issues.

Mr. Orshefsky commented that the slightly less aggressive argument drafted was that the City needs to start banking against future potential emergency requirements and things in the FDEP. In the first two years, an inventory will be done and then a Capacity Management Plan. After that, additional things may be found that need to be done.

Mr. Cobb believed the Commission would agree to this if it was recommended unequivocally.

Mr. Kwoka thought staff would push back hard. He questioned how many times has this Committee was going to recommend something unanimously and they keep saying no before this Committee says this is a waste of time.

Chair Mammano agreed that the Committee has already done this three times but let's do it a fourth time.

Mr. Orshefsky advised that the Budget Advisory Board scheduled the same thing. He referenced the bottom of Page 7; 5% increases to water and sewer. The recommendation was that the City consider this be reviewed annually or every three years.

Chair Mammano commented that Mr. Feldman told her that it was not automatic; it was reviewed every five years.

Mr. Orshefsky stated there is a resolution that frames water and sewer rates. In the body of that resolution there is an automatic 5% annual increase. The do not collect too much money policy is in a separate policy that says if your water and sewer fund meets these five criteria start returning some of the rates. This ends up in a situation where there is a possibility of lowering rates across the board, which gets to Mr. Cobb's argument that it can be funded with ad valorem or with rates.

Chair Mammano questioned the recommendation was to review it every year or every two years.

Mr. Cobb reiterated that he would tell them to do it rather than say consider it.

Mr. Verma mentioned the regulatory requirement becomes extremely complicated year by year. The Committee may want to consider the practicalities that go into running a utility. He has never found any regulatory requirements getting easier.

Mr. Orshefsky stated that he was going to draft generically and say consider modifying the existing Resolution for water and sewer issues. The Committee wants an executive summary, recommendations will be put in colors or fonts, end ROI, no replacement recommendation in terms of ad valorem, etc., no phase out offer, and use the existing rationale, banking against future disasters, capital needs. A minimum floor for the general capital funds will be created, 331, there will be a lock box, and 7% to 10% of operating expenses will be funded by ad valorem. With regard to stormwater, the methodology presentation was not going to be the same as before. It is going to be a flat piece of paper that says if the existing methodology is used, rates need to be bumped to this. If a trip methodology is used this is what happens and if a blended methodology is used this is what happens. A recommendation is not going to be made.

Chair Mammano emphasized that at the last Commission Workshop meeting the Commission was told to adopt a new methodology, the trip methodology.

Mr. Orshefsky stated that was what he needed; now they are into the equity rationale.

Mr. Verma questioned the 5% increase.

Mr. Orshefsky advised that generic language would be used saying do not make it 5% or automatic.

**6. Board Member Comments – None.**

**7. New Business**

**a. Gridics Zonar Software**

Chair Mammano advised that this is a graphics software used by architects and planners to estimate development potential on individual lots.

Mr. Orshefsky questioned if this has been run by GIS.

Chair Mammano stated this is the future; everyone is using it. The City of Fort Lauderdale has a contract with this company to use it in the City for its development review process and planning process, and they also have a contract with them to do infrastructure analysis. They are able, through this program, to take the entire City, run a scenario of what would happen if everything were developed at its existing potential and calculate how many gallons of water, how many gallons of sewage, how much electricity is needed, etc. It is a combination GIS and a visual graphic program. At the end of this year, this information will be available, which is incredibly pertinent to our long-term discussion. She recommended that at some point we get a face-to-face presentation of this technology and what we can expect the work product to be at the end of this year beginning of next year.

Mr. Orshefsky suggested there be a couple of hypotheticals by way of example because that is the purpose of visualization software.

Mr. Verma stated that this company has taken the development code and translated it into a 3D model. There is a scale on their program that simplifies the review process. It is not a substitute for the analysis of the pipe or lift station but it does tell how much flow is going to be generated so that can be added onto your system and analyzed.

Ms. Scott questioned if it could tell some of the existing issues with some of the plants that are substandard and need to be repaired and if that could be put into the model. Last month, the Planning and Zoning Board talked about a standard letter that showed the capacity was fine. They are interested in knowing capacity.

Mr. Verma advised that the capacity Ms. Scott was talking about was different than the capacity that deals with the flow generated by new development.

Mr. Kwoka stated that he has seen this tool. It is a great tool when all of the information is available. Two years from now, when they are done analyzing what was provided, it will be a good tool; currently it is propaganda.

Chair Mammano disagreed. The City is using this to analyze what happens if every piece of property along Federal Highway was developed to its current density and how many cars would be generated so a build out could be done.

Mr. Orshefsky mentioned one more recommendation; impact fees.

Mr. Ostrau commented that in the last minutes Dr. Gassman stated that she equated seawalls to Code Enforcement just like fences and yards.

Chair Mammano advised that was said because that is what the previous Commission said. The new Commission's action plan lists seawalls.

Mr. Ostrau emphasized that seawalls are not a code enforcement issue; they are a world issue.

Mr. Orshefsky stated that special assessments were discussed in the past and were suggested for canal maintenance and others. They could be used for seawalls or drainage.

Chair Mammano advised that everyone has to recognize that this is an interim report and recommendations are being made. She thought it would be beneficial in the next steps to say that more recommendations would be coming.

Mr. Verma stated that the Assistant City Manager shared the Commission's request to the Committee of seven priority areas. The Committee needs to consider prioritization for those seven areas along with any other recommendations.

Mr. Orshefsky commented that if he was told how to prioritize it he would write it.

Chair Mammano believed the way it was written was in no particular order.

Mr. Verma reiterated that there are seven different areas including the seawalls and the sea level rise as well.

**8. Public Comments – None.**

**9. Adjournment – Next Regular Meeting –July 2, 2018**

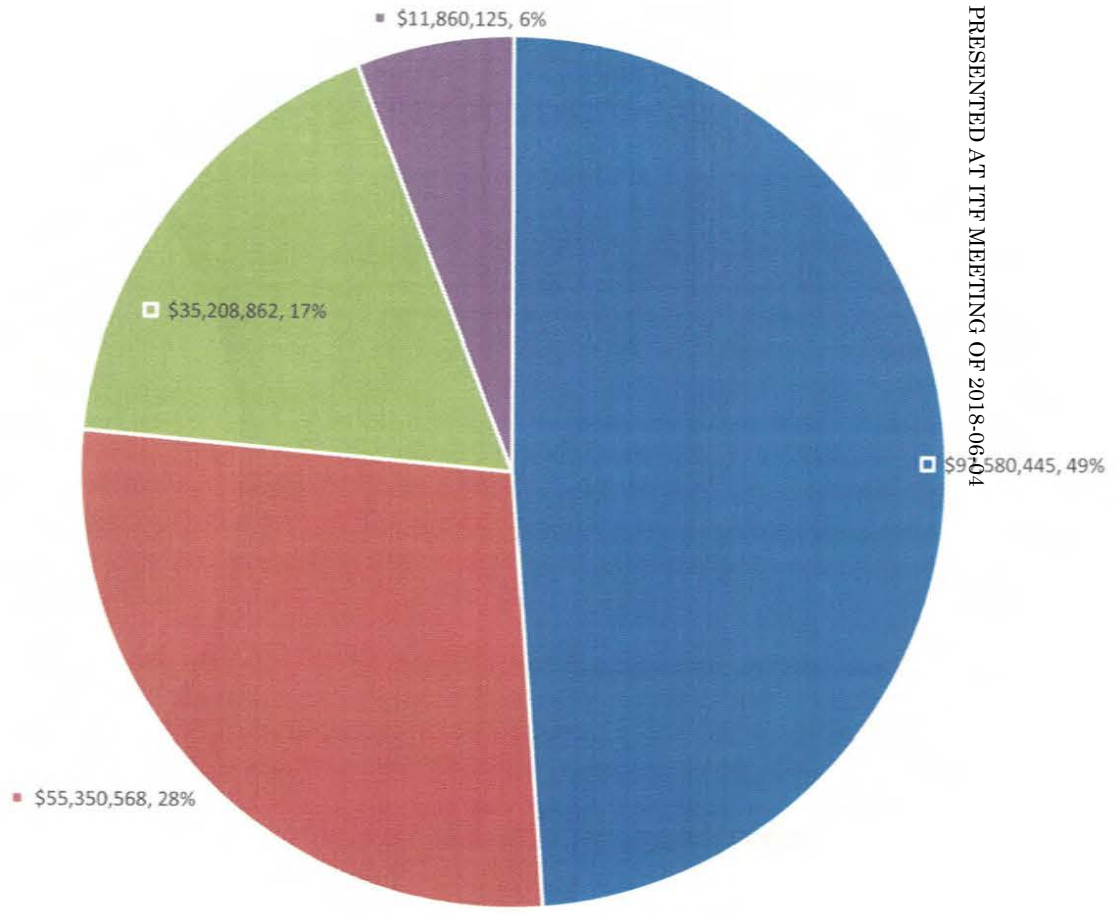
Chair Mammano questioned if everyone could make it to the next meeting on July 2<sup>nd</sup>?

All of the members said they would be present.

There being no further business to come before the Committee at this time, the meeting was adjourned at 4:41 p.m.

Any written public comments made 48 hours prior to the meeting regarding items discussed during the proceedings have been attached hereto.

### Bond Funded Projects - By Category

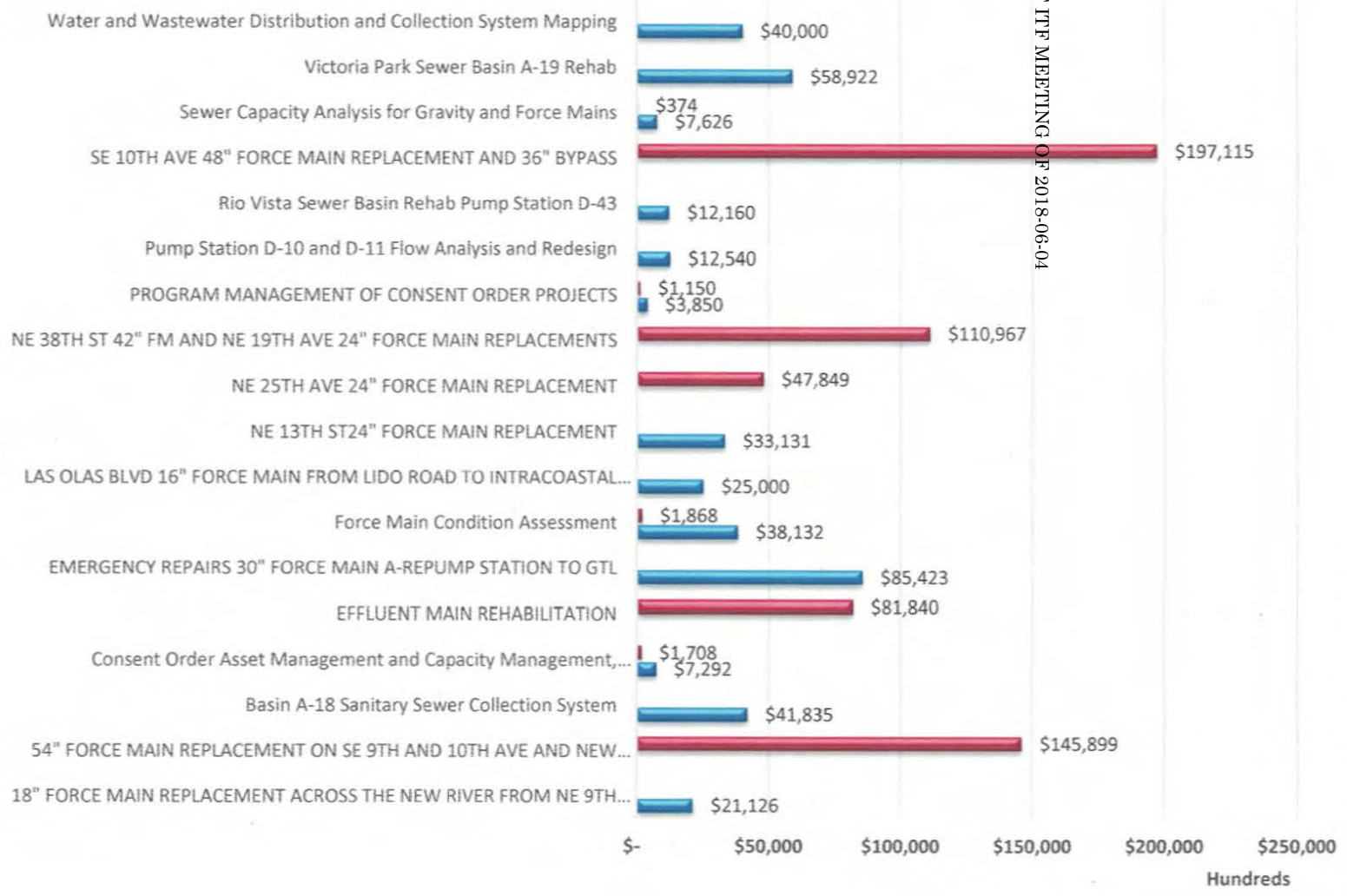


- Consent Order Projects (Central Region \$58,876,860 + W/WW Master Plan \$38,703,585)
- Priority Deferred Projects/Future CIP Projects Now Funded by Bond Monies
- CUSMP [Comprehensive Utility Strategic Master Plan / Reese Report] (Central Region \$23,900,000 +W/WW Master Plan \$11,308,862)
- Projects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

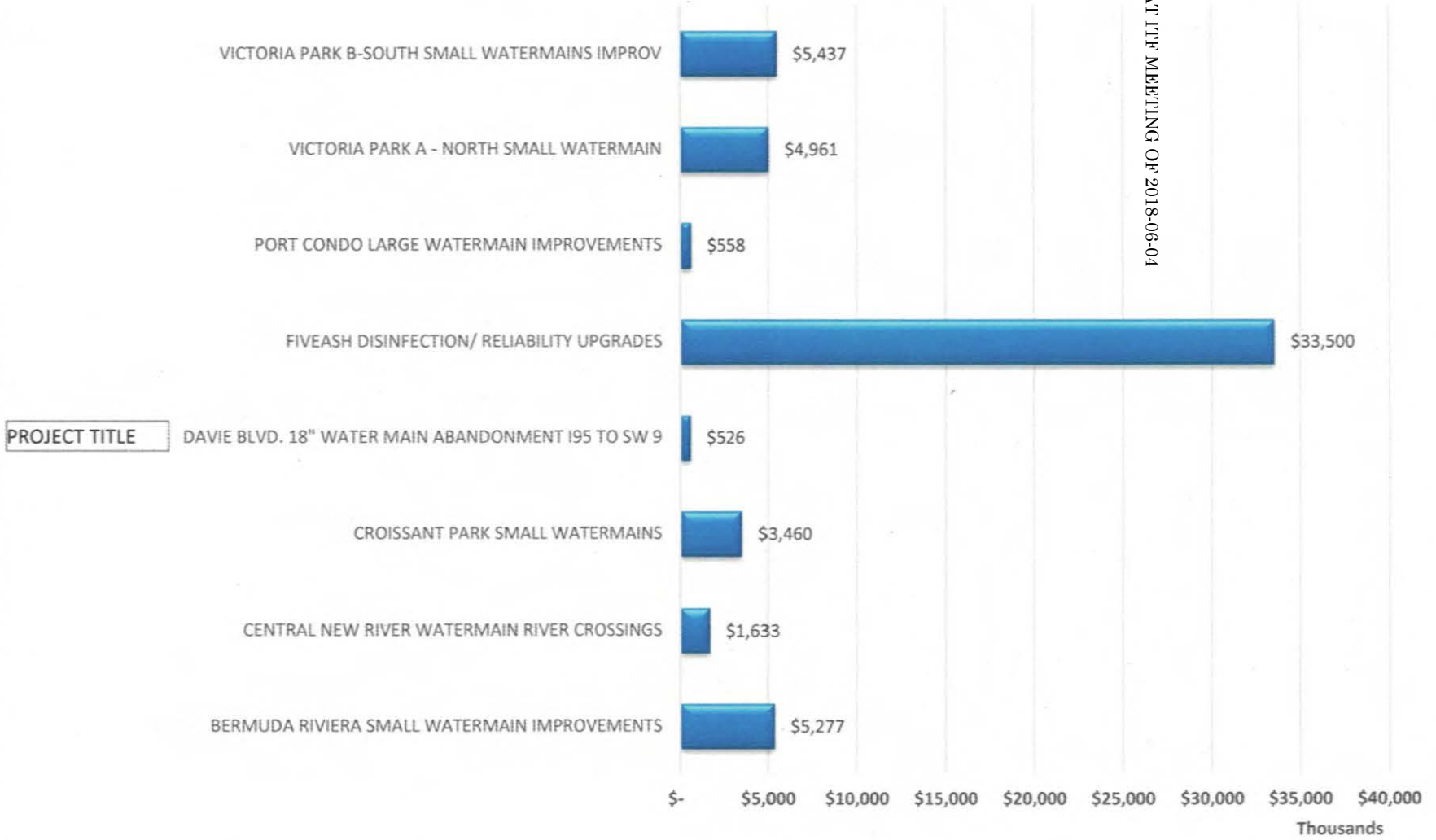


FUND

496 - Central Region    495 - Water/Wastewater Master Plan

Sum of TOTAL PROJECTED COST

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



PROJECT TITLE

FUND

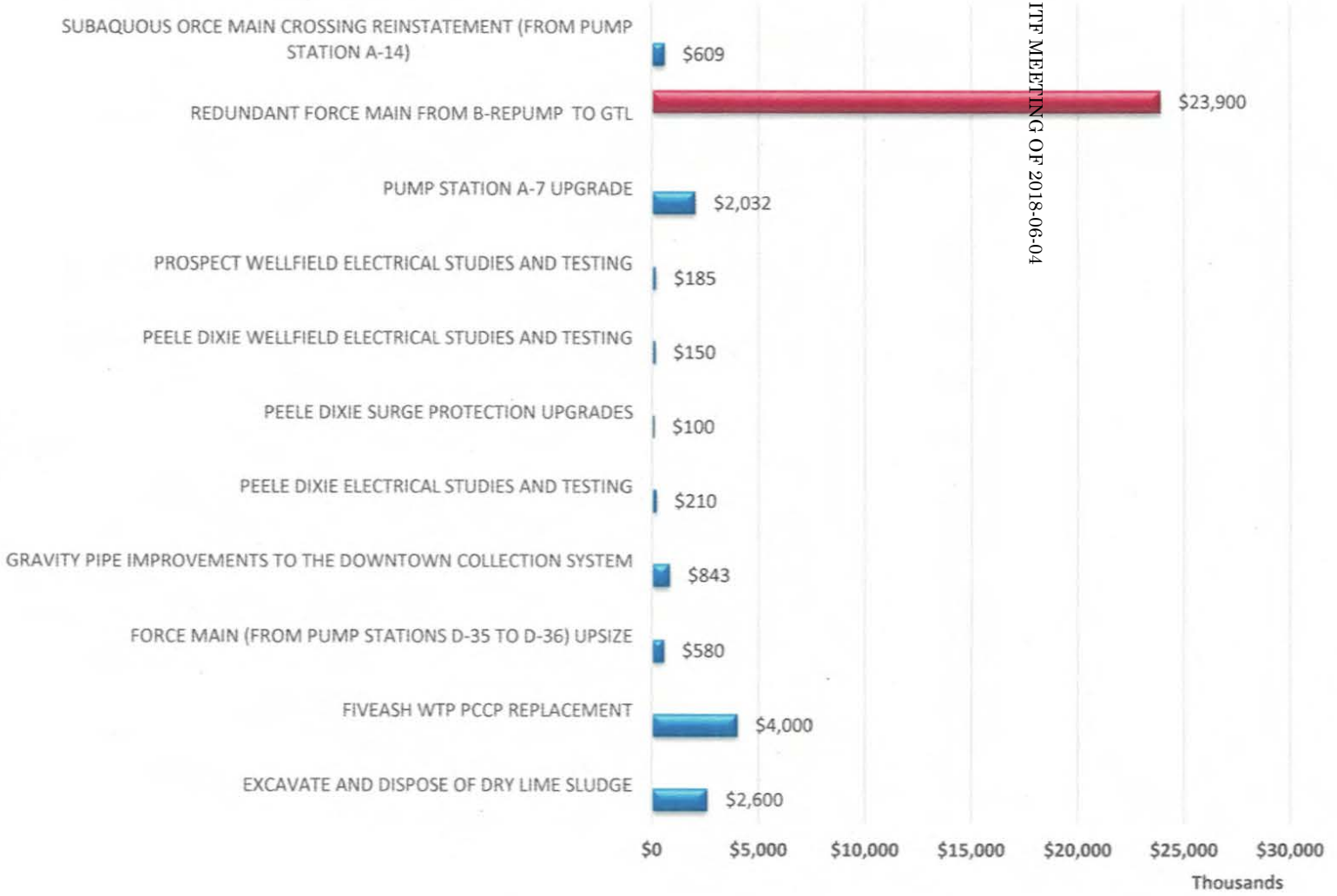
495 - Water/Wastewater Master Plan

BACK-UP PRESENTED AT ITP MEETING OF 2018-06-04

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

**City of Fort Lauderdale  
Infrastructure Task Force Committee**

**June 4, 2018  
8th Floor City Commission Room – City Hall  
Fort Lauderdale, FL 33301**

		<b>January-December 2018</b>	
<b>MEMBERS</b>		<b>PRESENT</b>	<b>ABSENT</b>
Marilyn Mammano	P	13	1
Ed Kwoka	P	12	2
Ralph Zeltman	P	14	0
Keith Cobb	P	9	5
Roosevelt Walters	P	13	1
Fred Stresau	A	11	3
Norm Ostrau	P	11	1
David Orshefsky	P	11	0

**Staff Present**

Christopher Lagerbloom, Assistant City Manager  
Raj Verma, Interim Assistant Public Works Director  
Rhonda Montoya Hasan, Assistant City Attorney  
Meredith Shuster, Administrative Assistant  
Michael Mitchel, Prototype-Inc. recording secretary

Roll was called at 2:04 p.m. and a quorum was established.

**Communication to the City Commission**

1. Member Edward Kwoka made the motion, seconded by member Roosevelt Walters recommending the City Commission consider all current appointments as of its inception to this Committee to be for the duration of the 36 months or as extended. Residency and property ownership should be a consideration for the duration.

In a voice vote, the motion carried unanimously.