



CITY OF FORT LAUDERDALE

## FY 2020 DEPARTMENTAL BUDGET REVIEW SESSIONS WITH THE BUDGET ADVISORY BOARD

100 NORTH ANDREWS AVENUE  
8<sup>th</sup> FLOOR CONFERENCE ROOM  
FORT LAUDERDALE, FLORIDA, 33301  
MAY 22, 2019 – 6:00 P.M.

### ROLL CALL

| Board Member                | Attendance |
|-----------------------------|------------|
| Brian Donaldson, Chair      | Present    |
| David Orshefsky, Vice Chair | Present    |
| William Goetz               | Present    |
| Jeff Lowe                   | Present    |
| Gregg McKee                 | Present    |
| Eric Metz                   | Present    |
| Prabhuling Patel            | Present    |
| Johnnie Smith               | Present    |
| Christopher Williams        | Present    |

### Staff Attending

Chris Lagerbloom, City Manager  
Laura Reece, Budget Director  
Jeff Lucas, Interim Fire-Rescue Chief  
Rhoda Mae Kerr, Interim Assistant City Manager  
Paul Vanden Berg, Public Safety Administrator  
Chantal Botting, Deputy Fire-Rescue Chief  
Marco De Medici, Senior Management Analyst  
Phil Thornburg, Director of Parks and Recreation  
Carl Williams, Deputy Director of Parks and Recreation  
Enrique Sanchez, Deputy Director of Parks and Recreation  
Stacey Daley, Business Operations Manager  
Vedasha Roopnarine, Administrative Supervisor  
Members of the Parks and Recreation Advisory Board  
Paul Berg, Director of Public Works  
Aneisha Daniels, Deputy Director of Public Works  
Joseph Kenny, Assistant Public Works Director  
Nancy Gassman, Assistant Public Works Director  
Talal Abi-Karam, Assistant Public Works Director  
Kymberly Holcombe, Interim Business Manager

### **Departments Reviewed**

1. **Fire-Rescue.** Led by Chief Lucas and staff, presented the department's FY 2020 General Fund Budget requests. **SEE ATTACHED PRESENTATION,** <https://www.fortlauderdale.gov/departments/city-clerk-s-office/advisory-boards-and-committees-agendas-and-minutes/budget-advisory-board>
2. **Parks and Recreation.** Led by Mr. Thornburg and staff, presented the department's FY 2020 General Fund Budget requests. **SEE ATTACHED PRESENTATION,** <https://www.fortlauderdale.gov/departments/city-clerk-s-office/advisory-boards-and-committees-agendas-and-minutes/budget-advisory-board>
3. **Public Works.** Led by Mr. Berg and staff, presented the department's FY 2020 General Fund Budget requests. **SEE ATTACHED PRESENTATION,** <https://www.fortlauderdale.gov/departments/city-clerk-s-office/advisory-boards-and-committees-agendas-and-minutes/budget-advisory-board>

### **Documents**

FY 2020 Fire-Rescue Department Budget Requests  
FY 2020 Parks and Recreation Department Budget Requests  
FY 2020 Public Works Department Budget Requests

### **Adjourn**

There were no further discussions to come before the Board; the FY 2020 Departmental Budget Review Session was adjourned at 8:20p.m.



# CITY OF FORT LAUDERDALE FY 2020 DEPARTMENT REQUEST

## Fire-Rescue Department





# **Fire-Rescue Department**

## **Department Description**

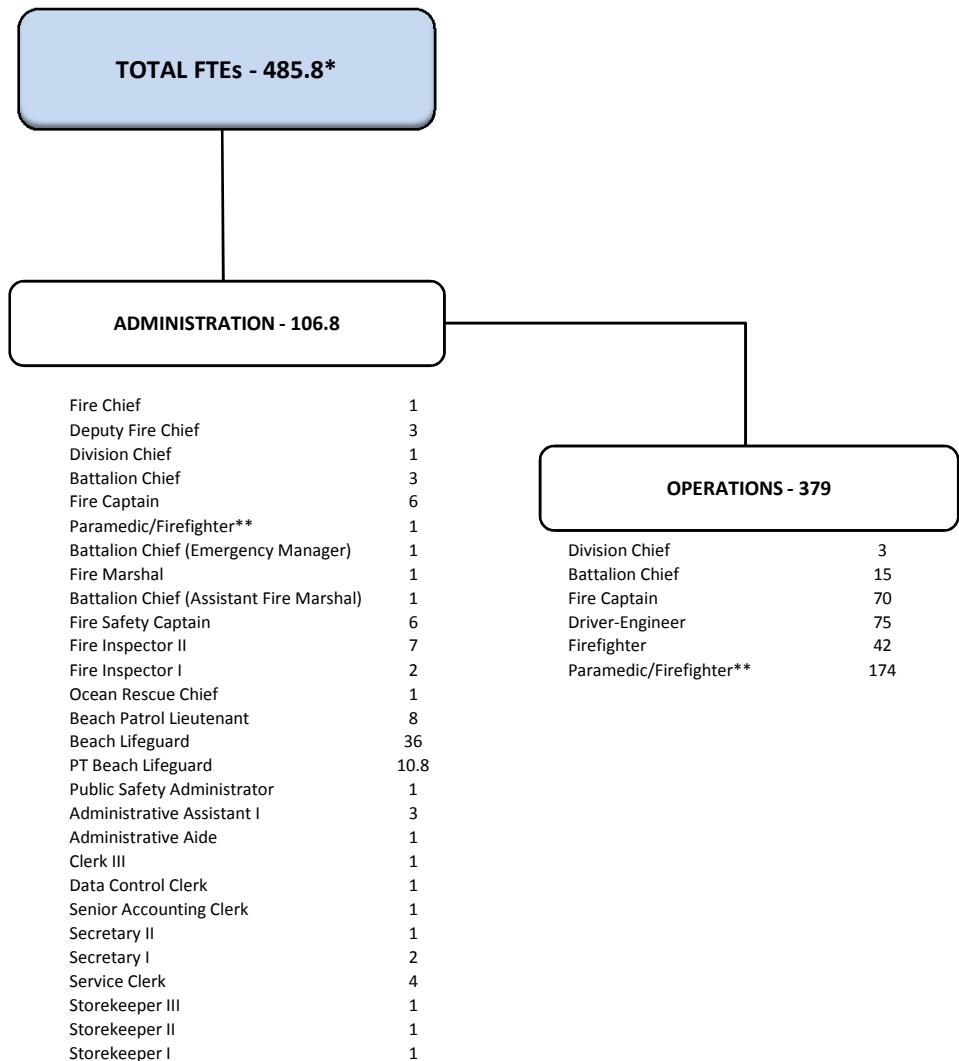
The mission of the Fort Lauderdale Fire Rescue (FLFR) is to preserve life and property, promote public safety, and respond to all calls for emergency assistance within the community. Fort Lauderdale Fire Rescue, established in 1912, works to provide and maintain the highest level of professionalism and efficiency in fire rescue and emergency management services to the neighbors, visitors, property owners, and business interests in Fort Lauderdale, Wilton Manors, and Lazy Lake.

Fort Lauderdale Fire Rescue is the busiest municipal fire rescue department in Broward County, operating 11 fire stations and responding to over 50,000 service calls annually. Fire Rescue deploys many highly trained special operations teams, specializing in Hazardous Materials, Technical Rescue, Marine Rescue and Shipboard Firefighting, Special Weapons and Tactics (SWAT) Medics, and Aircraft Rescue Firefighting (ARFF) disciplines.



# Fire-Rescue Department

## FY 2019 Adopted Budget Organizational Chart



\*Full Time Equivalent (FTE) includes new position(s)

\*\*New Hire Firefighters (February 2016) changed to Paramedic/Firefighters

| Amended<br>FY 2018 | Adopted<br>FY 2019 | Difference |
|--------------------|--------------------|------------|
| 484.8              | 485.8              | 1.0        |



# **Fire-Rescue Department General Fund**





# Fire-Rescue - General Fund

## Departmental Financial Summary

| Financial Summary - Funding Source |                   |                    |                    |                     |                                  |                                  |                                   |                       |
|------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
|                                    | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
| General Fund - 001                 | \$ 87,560,734     | 94,008,602         | 94,039,077         | 94,188,969          | 99,614,506                       | 98,415,030                       | 4,406,428                         | 4.7%                  |
| <b>Total Funding</b>               | <b>87,560,734</b> | <b>94,008,602</b>  | <b>94,039,077</b>  | <b>94,188,969</b>   | <b>99,614,506</b>                | <b>98,415,030</b>                | <b>4,406,428</b>                  | <b>4.7%</b>           |

| Financial Summary - Program Expenditures |                   |                    |                    |                     |                                  |                                  |                                   |                       |
|------------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
|                                          | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
| OFFICE OF THE CHIEF                      | 13,351,636        | 13,513,583         | 13,544,058         | 13,944,057          | 14,776,086                       | 14,531,135                       | 1,017,552                         | 7.5%                  |
| FIRE-RESCUE                              | 74,209,098        | 80,495,019         | 80,495,019         | 80,244,912          | 84,838,420                       | 83,883,895                       | 3,388,876                         | 4.2%                  |
| <b>Total Expenditures</b>                | <b>87,560,734</b> | <b>94,008,602</b>  | <b>94,039,077</b>  | <b>94,188,969</b>   | <b>99,614,506</b>                | <b>98,415,030</b>                | <b>4,406,428</b>                  | <b>4.7%</b>           |

| Financial Summary - Category Expenditures |                      |                    |                    |                     |                                  |                                  |                                   |                       |
|-------------------------------------------|----------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
|                                           | FY 2018<br>Actual    | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
| Personal Services                         | 71,488,616           | 75,158,801         | 75,189,276         | 75,339,362          | 81,129,409                       | 80,064,278                       | 4,905,477                         | 6.5%                  |
| Operating Expenses                        | 15,637,091           | 18,026,301         | 18,026,301         | 18,039,006          | 18,458,097                       | 18,323,752                       | 297,451                           | 1.7%                  |
| Capital Outlay                            | 435,027              | 823,500            | 823,500            | 810,601             | 27,000                           | 27,000                           | (796,500)                         | (96.7%)               |
| <b>Total Expenditures</b>                 | <b>\$ 87,560,734</b> | <b>94,008,602</b>  | <b>94,039,077</b>  | <b>94,188,969</b>   | <b>99,614,506</b>                | <b>98,415,030</b>                | <b>4,406,428</b>                  | <b>4.7%</b>           |
| <i>Full Time Equivalents (FTEs)</i>       | <i>484.8</i>         | <i>485.8</i>       | <i>485.8</i>       | <i>485.8</i>        | <i>485.8</i>                     | <i>485.8</i>                     | <i>-</i>                          | <i>0.0%</i>           |

### FY 2020 Major Variances

#### Personal Services

Increase due to 75th percentile pay range adjustments for salaries, benefits, and overtime \$ 3,291,899

Increase in health care expenses 375,290

#### Operating Expenses

Decrease in other professional services for one-time funding for a special assessment fee study and the Fire-Rescue Strategic Plan (100,000)

Decrease in tools and equipment for one-time funding for body armor replacement (50,000)

#### Capital Outlay

Decrease in one-time equipment expenses for replacement of thermal imaging cameras, additional power lift stretchers, and self contained breathing apparatus equipment (646,500)

Decrease in one-time vehicle expense for two (2) Fire Rescue HumVees and three (3) administrative vehicles to the Fire-Rescue fleet (150,000)

# **Fire-Rescue Department**

## **Administrative Services**

### **Division Description**

The Administrative Services Division works closely with City departments and stakeholders to provide the highest possible level of services to the residents and visitors of the City. This division manages the efforts and delivery of services for the Fire Logistics Bureau overseeing fleet, facilities, Fire Bond, and supply chain management; Homeland Security/Domestic Preparedness and Emergency Management including grants, special projects, CERT and Fire Explorers; Professional Standards Bureau undertaking background checks and internal investigations; and the Community Investment Plan (CIP) by the Financial Management Bureau. The Human Resources Bureau functions as a benefits liaison with the Firefighters' Benevolent Association, the chaplaincy program, and the hiring and promotion process.

### **FY 2019 Major Accomplishments**

- Established the Bureau of Professional Standards for the internal review of issues to increase accountability, proactively address equity and fairness, and provide timely feedback to the community by directly addressing and managing complaints.
- Acquired Operative IQ logistics software for the Logistics area to support inventory management with automated, application-based supply chain management functionality. Operative IQ replaces Excel spreadsheets previously used for inventory control—reducing overages, monitoring par levels, and decreasing waste. It provides a service desk feature to track maintenance and repair requests by stations and apparatus.
- Strengthened the Logistics Bureau oversight by adding a dedicated Battalion Chief to supervise the fleet tasks and to address immediate maintenance needs. The Battalion Chief also evaluates inspection reports, orchestrates purchases, evaluates repairs for quality and safety, and makes cost-effective recommendations within our changing infrastructure and increasing traffic concentration.
- Administered the opening of the new replacement Fire Station #54 which is a category 5 hurricane resistant building with new technology that is designed to alert crews of pending calls.
- Attained 10% completion on the new replacement Fire Station #8, which in the future will serve zones south of the New River. Station #8 will provide a faster response to the community on the east side of the railroad tracks and minimize the impact of busy train crossings.
- Launched the Homeland Security Bureau which includes Emergency Management and the Emergency Operations Center (EOC). The bureau focuses resources on preparedness for severe events by improving community engagement and hurricane readiness with “one message and one voice.”
- Created and funded an Employee Wellness Program.
- Replaced one Engine and two Rescue Transport Units within the fleet.
- Purchased replacement Self Contained Breathing Apparatuses (SCBAs) and Bunker Gear.
- Received a grant and began a “Stop the Bleed” (STB) program in public schools; “Hands only CPR” and STB delivered across City departments.

# **Fire-Rescue Department**

## **Administrative Services, continued**

- Attained the Emergency Management Accreditation Process (EMAP) designation which recognizes the ability of emergency management programs to bring together personnel, resources and communications in preparation for and in response to an emergency. EMAP revolutionizes emergency management programs that coordinate preparedness and response activities for disasters based on global standards.

### **FY 2020 Major Projects and Initiatives**

- Actively identify public and private partnerships (P3) to establish cooperatives for long-term planning of additional Emergency Medical Service stations addressing the increasing volume of EMS “calls for service” in Fort Lauderdale and City of Wilton Manors.
- Open Fire Station #8, to distribute call volume within the Rio Vista neighborhood with the goal of reducing response times. This will also provide a response model on the east side of railway tracks by relocating apparatus from Station #2.
- Research potential staffing increases and space for the Emergency Operations Center (EOC) through collaborative intra-city department partnerships to more appropriately allocate and integrate fiscal, informational, and operational effectiveness to the residents with a one-stop-shop for all related EOC concerns.
- Relocate Fire Station #13 to a temporary location and begin the demolition and planning for the new facility on the existing site, pending decisions on property demarcations.
- Continue focusing on the Community Emergency Response Team (CERT) and Fire Explorer Program to enhance community outreach and to establish advertising, brochures, and educational initiatives.
- Replace three Engines, one Rescue and one Ladder truck in the fleet, following their build completion.
- Continue “Stop the Bleed” program for all City employees to further educate on the benefits of crisis management during catastrophic incidents.
- Develop and submit a comprehensive Facility Management Program for the proper upkeep of all Fire Rescue facilities.
- Develop a proposal for a new Ocean Rescue Headquarters close to the barrier island to relocate staff currently in temporary locations.

# **Fire-Rescue Department**

## **Emergency Services**

### **Division Description**

The Emergency Services Bureau is responsible for responding to incidents and providing emergency services for over 50,000 calls annually. Calls for service include but are not limited to: fire suppression, ocean rescue, emergency medical responses, hazardous materials, and transportation accident responses involving automobiles, trains, aircraft, and marine emergencies. Emergency Medical Service (EMS) response includes medical treatment and transport, and various classified emergencies to the neighbors in the City of Fort Lauderdale, the City of Wilton Manors, and to the Village of Lazy Lake, through inter-local service agreements.

In addition to fire suppression and emergency medical services, the Emergency Services Bureau provides special operations response to the community: Technical Rescue Team (TRT); Hazardous Materials emergency response (HazMat); Marine, underwater search and rescue as well as aquatic emergencies; Tactical EMS (medical response) for the Police Department's Special Weapons and Tactics (SWAT) incidents; K-9 search and rescue; and Aircraft Rescue Fire Fighting (ARFF) service to the Fort Lauderdale Executive Airport. Fire Rescue Emergency Services Bureau assists with fire prevention activities supporting the Prevention Bureau personnel with annual fixed fire system testing and fire flow inspections for structures in the City. Emergency Services Bureau personnel are charged with the proactive delivery of public education, community outreach, and injury prevention lectures and demonstrations in schools, businesses, hospitals, special events, and homeowner groups. Emergency Services Bureau Firefighters are responsible for the daily maintenance, serviceability, and condition of all Fire Rescue facilities, apparatus fleet, and ancillary equipment.

### **FY 2019 Major Accomplishments**

- Re-allocated a 3<sup>rd</sup> person to rescue units 2, 3, 247 and 35. By placing a 3<sup>rd</sup> person on four (4) of the medical rescue units, it has allowed a single apparatus to respond to incident types that would otherwise require two apparatuses to respond. This increases Fire Rescue's overall unit availability within the City.
- Created the promotional supervisory position of Lieutenant for the transport rescue trucks by allocating a 3<sup>rd</sup> person on a medical rescue unit. This new position has increased supervision in field training as well as quality assurance of patient care in the field, while simultaneously decreasing the workload demand of Fire Rescue personnel per incident.
- Increased accountability and quality of care with the promotion of 16 Lieutenants, forming a full complement of advanced life-saving personnel and integrating essential quality control to units.
- Distributed iPads with tablet command to Operations Chief Officers allowing them to see real-time information on active emergency incidents throughout the City with live unit status and locations.
- Increased Ocean Rescue beach coverage hours from 8 to 10 hours decreasing the likelihood of incidents during previously unguarded beach times.
- Created a foundation for comprehensive wellness with LifeScan physicals. LifeScan focuses on longevity of firefighter/paramedics and addresses job-related exposures that may cause cancer and terminal illness; it focuses on reducing impact to long-term health care costs.

# Fire-Rescue Department

## Emergency Services, continued

- Guided and reorganized staffing with a reengineered department structure; revamped resource assignments with the goal of reducing overtime and enhancing focus on EMS issues across a bureau of 457 full-time employees.
- Enhanced the data analytics and accounting management for the Fire Rescue EMS Bureau by assigning a new budgeted position related to EMS billing issues, inquiries and collections.
- Created an enhanced “Water-Safety” presentation for elementary schools as well as a “Career Day” program at local high schools.
- Imparted two 40 hour United States Lifesaving Association compliant Surf Rescue courses using City facilities, equipment and off-duty personnel; the funds generated by these courses paid for equipment, travel and uniforms for one national lifeguard and seven Florida local tournaments.

### **FY 2020 Major Projects and Initiatives**

- Investigate Mutual Aid and Automatic Aid agreements to lessen the drain on resources of participating municipal fire agencies. These agreements provide residents with the response from the unit closest in proximity to the incident location for all high priority calls and increase the survival rate in patients with critical medical emergencies.
- Consolidate EMS Billing processes and Standard Operating Procedures (SOPs) for more accurate reporting and data analysis of billing to increase collections revenue derived from EMS transport services and provide data transparency to community stakeholders.
- Conduct an apparatus availability analysis with the goal of maximizing rescue unit efficiency for simultaneous incidents. The analysis will also include an optional third person rescue variable in case funding becomes available in the long-term.



# **Fire-Rescue Department**

## **Prevention and Preparedness Services**

### **Division Description**

Prevention and Preparedness Services manages the continued accreditation of the department and oversees fire prevention activities with annual fixed fire system testing and fire flow inspections for structures in the City. In a proactive capacity, Prevention personnel are charged with the delivery of public education, community outreach, and injury prevention lectures and demonstrations in schools, businesses, hospitals, special events, and homeowner groups. The Fire Investigation Bureau conducts fire investigations, enforces fire code compliance, oversees labor management efforts, and develops special projects.

### **FY 2019 Major Accomplishments**

- Created a five-year community driven Fire Rescue Strategic Plan for 2019-2023 with the Commission on Fire Accreditation International (CFAI), by engaging external stakeholders from the public and internal Fire Rescue employees across all rank levels and disciplines within the organization.
- Attained the Commission on Accreditation of Ambulance Services (CAAS). CAAS provides a quality assurance system to help identify areas for improvement in service delivery and where standards exceed those of state or local regulation. CAAS standards increase operational efficiency while decreasing risk and liability to our organization and municipality.

### **FY 2020 Major Projects and Initiatives**

- Hire a Public Educator to develop and manage a Community Risk Reduction program including “Hands only CPR” or bystander CPR to turn onlookers into the “first line of defense” before first responders arrive on scene. Educating citizens on fire hazards, safer habits, and “to do your part” will foster community engagement and reduce risk inherent in delayed responses. Breaking the causal chain of events of a fire is learned through public education.
- Add a Fire Plans Reviewer to expedite the turnaround time for the review of plans and also improve the collection times of the revenues this activity produces.
- Deploy Automated External Defibrillators (AED) to all City locations based on the density of City employees and to reduce the risk to both employees and neighbors with an early lifesaving intervention.
- Continue the smoke alarm program for early detection of fires with the goal of installing a smoke alarm in every residential home in the City. Further efforts include replacing older 9-volt battery type smoke alarms with 10-year Lithium based smoke alarms that use a smart chip to rule out false alarms.
- Complete the deployment of Accela, a land management software, across the division for fire inspections. It allows plan review for permitting, displays results of permitted projects in the City, and will operationalize the purchase of 17 iPads for mobile use dependent upon the deployment.

# **Fire-Rescue Department**

## **Support Services**

### **Division Description**

Support Services manages the efforts and is comprised of the Communications and Information Technology areas, Research and Development, Safety Committee, Emergency Medical Services and Training Bureaus. This division of Fire Rescue supports all other areas in the department to ensure we are providing the best service possible by managing processes, process improvements and quality management systems; training and researching new and innovative methodologies; and implementing new and supporting current technology across Fire Rescue. The EMS bureau is responsible for the delivery of Emergency Medical Services to the community. Fire Rescue ensures that all our personnel are provided with the information and equipment needed to provide exceptional service to the community.

### **FY 2019 Major Accomplishments**

- Launched Target Solutions Learning Management System (LMS) as an essential component of digital e-training. The application creates curriculums, sends notifications of scheduled and required courses, tracks progress, and collects data records in a data repository for reporting. It functions as the primary educational support for Training & Special Operations Bureau disciplines.
- Integrated PowerDMS as support for the accreditation process, with the potential for optional modules, to automate document management in the Cloud. PowerDMS is a cost-effective solution and enables staff to collaborate and approve memorandums, rules and regulations, and SOPs.
- Upgraded to a real-time first responder database with First Due Sizeup, a software that has increased usability and efficiency in displaying hazards located on a property for first due responders. The software reduces overall risk to everyone involved in incidents, especially the neighbors within our community.
- Supported the installation and configuration of Operative IQ for Logistics to improve inventory control and the management of maintenance and repair requests.

### **FY 2020 Major Projects and Initiatives**

- Investigate a self-sustaining Fort Lauderdale Fire Rescue Training Facility as a public/private partnership (P3) which would, as part of the agreement, provide land and support to the facility. This facility, as an asset to the City, would use cost recovery revenues and simultaneously engage the community at all levels.
- Upgrade the patient care medical tracking system from Intermedix to National Fire Incident Reporting System (NFIRS) ImageTrend. The new software has more accurate reporting with real-time entry and retrieval from the Cloud. It is designed to improve the accuracy of billing for EMS services and increase revenue and collections.
- Streamline inventory control within logistics by further integrating Operative IQ into all department processes.

# Fire-Rescue Department

## Support Services, continued

- Monitor Federal and State Legislative approvals that would allow the cost reimbursement to Medicaid for public emergency transport services application for Public Emergency Medical Transport (PEMT) Phase II. If the legislation passes it would open a source of revenue for Fire Rescue projected to be at least \$5,000,000 annually.
- Continue to research response time deficiencies in the downtown district corridor by analyzing statistical models to increase levels of service east of the railroad tracks in the downtown area, which currently has no fire stations.
- Revolutionize Return of Spontaneous Circulation (ROSC) Improvement/Cardiac Arrest survival rates for patients who go into cardiac arrest and measure with quantitative goals and benchmarks.
- Increase the number of hands-on training hours (night drills, vent-enter-search for new Lieutenants, fire truck company training). In 2018, FLFR had approximately four (4) hours per person of facility training—ISO accreditation prefers 18 hours. The goal has been increased to eight (8) hours for 2019, and 12 hours for 2020.
- Quantitatively demonstrate, with improved data collection methodology, the need to reduce the training ratio of instructor to sworn staff from 1:200 to 1:80, the average for other municipal fire departments.

# Fire-Rescue Department

## Department Core Processes and Performance Metrics

|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>STRATEGIC OBJECTIVES AND PERFORMANCE MEASURES</b></p> <ul style="list-style-type: none"> <li>➤ Provide quick and exceptional fire, medical, and emergency response</li> <li>➤ Involve neighbors with prevention efforts and emergency preparedness</li> <li>➤ Reduce fire risk through prevention, and provide exceptional fire rescue response times</li> <li>➤ Increase drills, simulations, and training to ensure personnel can successfully address diverse emergency challenges</li> <li>➤ Deliver best in class medical protocols</li> <li>➤ Provide superior quality and multi-functional emergency response</li> </ul> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Department Core Process                                                                                                                                         | Performance Measures                                                                                            | CY 2017 Actual      | CY 2018 Actual      | CY 2019 Target | CY 2019 Projection | CY 2020 Target |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------|---------------------|----------------|--------------------|----------------|
| Maintain, monitor and improve a level of response times consistent with the ability to be an accredited agency, working toward NFPA 1710 standards <sup>1</sup> | Emergency Medical Services (EMS) - Total Time First Unit Arrival <sup>2</sup> (freq. below) <sup>3</sup> ERF 2  | 8:08                | 7:50                | 6:00           | 7:45               | 6:00           |
|                                                                                                                                                                 |                                                                                                                 | 31,636 <sup>3</sup> | 31,724 <sup>3</sup> | Decrease       | 32,675             | Decrease       |
|                                                                                                                                                                 | Residential ERF Suppression (Call to Arrival Time of 16th Firefighter) <sup>2</sup> (freq. below) <sup>3</sup>  | 10:51               | 13:30               | 10:20          | 11:00              | 10:20          |
|                                                                                                                                                                 |                                                                                                                 | 20 <sup>3</sup>     | 29 <sup>3</sup>     | Decrease       | 39                 | Decrease       |
|                                                                                                                                                                 | Commercial ERF Suppression - (Call to Arrival Time of 22nd Firefighter) <sup>2</sup> (freq. below) <sup>3</sup> | 20:21               | 16:17               | 14:20          | 20:00              | 14:20          |
|                                                                                                                                                                 |                                                                                                                 | 13 <sup>3</sup>     | 16 <sup>3</sup>     | Decrease       | 20                 | Decrease       |
| Improve preparedness of community builders and neighbors through education and coordination of emergency management and disaster recovery                       | Percent of National Incident Management System (NIMS) Compliant City Employees across all departments           | 88.5%               | *                   | 100.0%         | 90.0%              | 100.0%         |

<sup>1</sup> Response time performance measures are calculated at the 90<sup>th</sup> percentile with an Effective Response Force (ERF) designation in the calculation pertaining to the category of response.

<sup>2</sup> Response time performance measures and targets have been updated to reflect Center for Public Safety accreditation requirements.

All times are reflected in Calendar Year (CY) and not Fiscal Year (FY) for consistency with accreditation requirements and are Code 3.

<sup>3</sup> Frequencies displayed to illustrate the variance in robust 90<sup>th</sup> percentile data record sets. Lower frequency of fire data records results in stronger influence on 90<sup>th</sup> percentile change with marginal incident increase.

\*Data unavailable at the time of publication.

# Fire-Rescue Department

## Department Core Processes and Performance Metrics, continued

|                                                                                     |                                                                         |                       |                       |                       |                           |                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|---------------------------|-----------------------|
| Reduce incident levels with risk reduction initiatives through community engagement | Total Number of Calls for Service <sup>4</sup>                          | 52,674                | 50,161 <sup>3</sup>   | Decrease              | 51,666                    | Decrease              |
|                                                                                     | “Lives Saved” as a Percent of Interventions – Ocean Rescue <sup>5</sup> | 0.3%                  | 0.3%                  | 2.0%                  | 0.3%                      | 2.0%                  |
|                                                                                     | <b>Performance Measures</b>                                             | <b>FY 2017 Actual</b> | <b>FY 2018 Actual</b> | <b>FY 2019 Target</b> | <b>FY 2019 Projection</b> | <b>FY 2020 Target</b> |
|                                                                                     | Percentage of Fires Confined to Structure of Origin                     | 97.8%                 | 100.0%                | 100.0%                | 100.0%                    | 100.0%                |

<sup>3</sup> Frequencies displayed to illustrate the variance in robust 90<sup>th</sup> percentile data record sets. Lower frequency of fire data records results in stronger influence on 90<sup>th</sup> percentile change with marginal incident increase.

<sup>4</sup> Overall decrease reflects methodology change in Broward County Computer Aided Dispatch System (CAD) to eliminate duplicate address records and reassign incident numbers in new version.

<sup>5</sup> Response times adjusted per updates to reported data released in October 2018.

# **FY 2020 Budget Modification Requests**





# FY 2019 BUDGET MODIFICATION SUMMARY

## Fire-Rescue - 001 General Fund

| Priority # | Request Type    | Title of Request                                     | # of Pos     | Net Cost            | Page # |
|------------|-----------------|------------------------------------------------------|--------------|---------------------|--------|
| 1          | Program-New     | Fire-Rescue - New Software Maintenance Cost          | 0.00         | 269,302             | 19     |
| 2          | Program-Revised | Fire-Rescue Overtime and Operational Expense Funding | 0.00         | 295,743             | 22     |
| 3          | Program-New     | Code Compliance- Fire Safety Inspections             | 2.00         | (64,583)            | 24     |
| 4          | Program-New     | Fire Rescue Substation (2 Person Rescue Unit)        | 9.00         | 851,931             | 27     |
| 5          | Program-New     | Fire Rescue Substation (3 Person Rescue Unit)        | 14.00        | 1,446,113           | 30     |
| 6          | Program-New     | Chaplaincy Program                                   | 0.00         | 60,000              | 34     |
|            |                 |                                                      | <b>25.00</b> | <b>\$ 2,858,506</b> |        |



# FY 2020 BUDGET MODIFICATION FORM

## Fire Rescue - 001 General Fund

**Priority No:** 1

**Title of Request:** Fire Rescue - New Software Maintenance Cost

**Request Type:** Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

First Due SizeUp Software - Annual Maintenance - \$39,800

First Due Sizeup maintains a currently installed, real-time data platform in the City of Fort Lauderdale Fire Rescue that informs first responders ahead of time to potential hazards. The annual maintenance fee assures that we have continued access to vital data that provides foresight with cataloged knowledge of all structures within the City. Multiple databases are joined to aggregate datasets from Broward County Property Appraiser, Accela Land Management software (fire inspections and permitting), and Regional Computer Aided Dispatch (CAD). The linking of these data sets has increased the efficiency of the Fire Rescue responders and reduced overall risk to everyone involved in incidents, especially the residents within our community.

Target Solutions Software - Annual Maintenance - \$36,345

Target Solutions annual maintenance fee allows Fire Rescue to automate the process of tracking and managing mandatory training. The application is a Learning Management System (LMS) that creates curriculums, sends notifications, tracks progress, and serves as a repository of records. It functions as the primary educational support for Training & Special Operations Bureau disciplines. Ongoing required training includes Paramedic/EMT training and licensure, and maintenance of Inspector and Instructor certifications. Specialty training courses including hazardous materials, technical rescue, and aircraft firefighting help mitigate specialized catastrophes within the community by keeping staff current in their skill sets.

Fire Rescue deployed this software to replace a legacy product (Global Learning Systems (GLS). GLS lacked reporting and other functionality due to its limited scalability across disciplines. The recent Commission on Ambulance Accreditation identified Target Solutions as the industry training standard and as a critical need to improve service delivery to the bureaus. Designed specifically for Fire Rescue, the application includes Fire, EMS, and Specialty training.

In addition, it mitigates risks by providing courses on document management, privacy, sexual harassment, and human resources compliance. The software increases efficiencies to an overextended training staff that is already in need of additional personnel. Target solutions provides extensive information directly to the State for both EMS and Fire certifications, providing baselines for performance and helping to identify areas for improvement.

PowerDMS Software - Annual Maintenance - \$18,742

The PowerDMS annual fee is for support and maintenance of the accreditation document management system. Accreditation reduces the overall cost of insurance to the business community and provides a quality management system that improves processes and reduces waste. PowerDMS has the option of integrating pre-packaged modules to support accreditation and is cost effective with its unlimited user license contract. Other competitive software products have a tiered pricing structure (individual licenses per user) that limits their cost benefits to a large entity such as Fire Rescue. PowerDMS provides a common forum for all staff to review and approve memorandums, rules and regulations, or SOPs, enhancing accountability and mitigating risks.

Operative IQ Software - Annual Maintenance - \$14,160

The Operative IQ inventory management annual fee maintains software that chronicles and organizes the entire inventory at Fire Rescue. Operative IQ leverages supply chain management (SCM) efficiencies and replaces Excel spreadsheets previously used without the ability to produce metadata. SCM efficiencies allow Fire Rescue to analyze changes in inventory control for cost savings. The service desk feature creates services orders to track requests made, issues at stations or issues on apparatus.

TeleStaff Upgrade Software - Upgrade Costs \$66,355

The current version of TeleStaff is not supported by technology as a legacy software and requires an upgrade to the critical staffing solution for Fire Rescue. With better analyses of payroll expenses in the upgrade, the new TeleStaff will provide more proactive approaches to shift staffing. It also has enhanced mobile features. Since the City prefers Cloud-based solutions, Fire Rescue requests the software as a service (SaaS) solution to minimize the impact to out IT department, reducing the need for additional IT support. The upgrade to Workforce TeleStaff includes the web based access module at no cost to the City with the upgrade. The SaaS upgrade promotion ends on 9/30/19.

#### NFORS Software - \$18,000 Implementation Fee

Fire Rescue's goal is to identify, define, and standardize data collected on community risks and the deployment of fire department resources. A secondary goal is to improve the quality and consistency of data used to document resource allocation and related fire service decisions.

Fire departments need a flexible data system with a web dashboard that easily allows them to collect their own information yet still participate as part of the national data system for incident reporting. New technology makes the system easier to use and less expensive for Fire Rescue. NFORS software reports can be generated on demand, in real-time, promoting operational best practices and benchmarking performance over a span of time.

A final goal is to develop recommendations for data collection processes, including a list of data elements that could easily be collected and analyzed by local fire departments to measure a department's availability, capability, and operational effectiveness.

NFORS accounts for the full range of fire department activities. Additionally, aggregate de-identified reports will be accessible by governmental and professional organizations at the state and national levels to assist in research and support the fire industry in its budget process and to provide data transparency to decision makers.

#### Tenzinga Software - Implementation Fee - \$26,400

Annual fees for Tenzinga comprehensive performance management software will install accountability for all fire rescue employees and automate the routing and approval process. Most importantly, it allows for the supervisor to provide monthly documentation to the employee and to solicit feedback from him or her. At the end of the year there is an effective evaluation done on a continuous basis, and not on a single point in time, previously agreed upon by both parties. The system is geared to provide fair and unbiased feedback over time. Fire Rescue department conducts daily evaluations on a probationary employees and this software allows the employee and supervisor to communicate each day that they work to ensure we are evaluating them for the entire time they are on probation.

#### NFIRS Module - Image Trend - Annual Software Licensing Fee - \$20,000

Image Trend annual NFIRS module fee provides the database software utilized for EMS billing, supporting 6.7 million dollars per year in revenue for Fire Rescue. ImageTrend NFIRS allows the department to integrate both the medical and fire reports on one system, reducing the impact to staff time and increasing task flexibility. Currently, firefighters/paramedics report the EMS data on scene and then return to quarters to fill out the Fire data. Image Trend activation allows us to complete both reports on scene. Department staff have the flexibility to address other tasks at the station like training, cleaning equipment, inventory of tools and equipment and medical supplies, apparatus upkeep— or to address strategic initiatives to improve response times.

#### Pulse Point - \$10,500

PulsePoint is an alerting software that the general public can install on their personal phones and get alerted that a nearby person needs CPR. We all know that early CPR and AED use saves lives and this application helps to notify personnel that are trained in CPR of a nearby call thus increasing bystander CPR and AED use. The application also has a database of the closest AED to the patient and helps them locate it. This application was initially funded by the City of Sunrise who allowed the City of Fort Lauderdale to join in for free. In later years the application was funded by a grant through the trauma services division of the County. Effective October 1st 2019 the grant will expire and we will need to fund the application. The price for the base application is \$8,000 and the verified responder fee is \$2,500 per year for a total of \$10,500. We are working with area hospitals to see if they would like to sponsor the application County wide but if that does not happen we will need to fund the \$10,500 expense if we would like to keep this valuable lifesaving application available to the public.

**(For New Position Request) Can this function be better / more efficiently performed by a third party? Why or Why Not?**

Not Applicable

### **Performance Measures:**

| Measure Type | Request Description | FY 2019<br>Target | FY 2020<br>Target | FY 2020 Target<br>with Modification |
|--------------|---------------------|-------------------|-------------------|-------------------------------------|
|--------------|---------------------|-------------------|-------------------|-------------------------------------|

|               |                                                                                  |               |             |               |
|---------------|----------------------------------------------------------------------------------|---------------|-------------|---------------|
| Efficiency    | Percentage of Fire/EMS Reports Completed On Scene                                | 0%            | 0%          | 80%           |
| ClearPoint    | Additional Number of Residents Using Pulse Point                                 | 250/Quarterly | 0/Quarterly | 250/Quarterly |
| ClearPoint    | Fire Rescue Performance Evaluations Completed On Time Annually                   | 100%          | 75%         | 100%          |
| Efficiency    | Percentage of Documents Processed for Accreditation Digitally                    | 100%          | 50%         | 100%          |
| Efficiency    | Percent of [Allowable] Training Completed Digitally                              | Increase      | Maintain    | Increase      |
| Effectiveness | Percent of Structures with Catalogued Fire Safety Information in Fort Lauderdale | 90%           | 90%         | 100%          |
| Efficiency    | Hours Utilized to Produce Shift Staffing Algorithms and Manage Payroll           | Decrease      | Increase    | Decrease      |
| Efficiency    | Percent of Logistics Inventory Supply Managed by SCM Software                    | 0%            | 50%         | 75%           |

### Strategic Connections:

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Cylinder:</b>                | Public Safety                                                                                                  |
| <b>Goal:</b>                    | Be the safest urban coastal City in South Florida through preventive and responsive police and fire protection |
| <b>Objective:</b>               | Provide quick and exceptional fire, medical, and emergency response                                            |
| <b>Source of Justification:</b> | Not identified in an approved plan                                                                             |

### Expenditure Amounts:

| One Time Expense         | Expenditure Amt. Requested: | Job Description                       | Index Code | Sub Object | SubObject Title    |
|--------------------------|-----------------------------|---------------------------------------|------------|------------|--------------------|
| <input type="checkbox"/> | 39,800                      | <i>First Due Sizeup</i>               | FIR010101  | 3401       | COMPUTER MAINT     |
| <input type="checkbox"/> | 36,345                      | <i>Target Solutions</i>               | FIR010101  | 3401       | COMPUTER MAINT     |
| <input type="checkbox"/> | 18,742                      | <i>PowerDMS</i>                       | FIR010101  | 3401       | COMPUTER MAINT     |
| <input type="checkbox"/> | 14,160                      | <i>Operative IQ</i>                   | FIR010101  | 3401       | COMPUTER MAINT     |
| <input type="checkbox"/> | 66,355                      | <i>Kronos/Telestaff Upgrade</i>       | FIR030101  | 6405       | COMPUTER SOFTWARE  |
| <input type="checkbox"/> | 18,000                      | <i>NFORS Software</i>                 | FIR010101  | 6405       | COMPUTER SOFTWARE  |
| <input type="checkbox"/> | 20,000                      | <i>NFIRS Module (Image Trend)</i>     | FIR030101  | 3907       | DATA PROC SUPPLIES |
| <input type="checkbox"/> | 19,000                      | <i>SMARSH Application</i>             | FIR010101  | 3907       | DATA PROC SUPPLIES |
| <input type="checkbox"/> | 26,400                      | <i>Tenzinga</i>                       | FIR030101  | 3401       | COMPUTER MAINT     |
| <input type="checkbox"/> | 10,500                      | <i>Pulse Point Annual Maintenance</i> | FIR010101  | 3907       | DATA PROC SUPPLIES |
|                          | <b>\$269,302</b>            | <b>Total Expenditure</b>              |            |            |                    |

**Status:**

# FY 2020 BUDGET MODIFICATION FORM

## Fire Rescue - 001 General Fund

**Priority No:** 2

**Title of Request:** Fire Rescue Overtime and Operational Expense Funding

**Request Type:** Program - Revised

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

Ocean Rescue - Extended Hours Impact - \$130,000

In March of 2014, the former City Manager requested that the Ocean Rescue Division extend the Life Safety coverage from 8-10 hours per day for beach patrons. Prior to this date, the Ocean Rescue Division would end the Life Safety coverage at or near 5:00PM daily. The City Managers intent was to provide this protection during the daylight hours, especially at the end of each day when the City beaches are still populated with patrons.

The causal effect of this was an increase in approximately 19,710 labor hours annually. We did not receive any additional FTE's to support these additional labor hours. Subsequently these additional labor hours were derived from the use of Part-Time Lifeguards and when they are insufficient part-time lifeguards available, they were funded from overtime with our Full-Time lifeguard staff.

Over the course of several fiscal year budgets, we were able to absorb these costs through modest funding adjustments and annual salary savings across all of the Fire Rescue divisions. We have now reached the point in which there is insufficient budgetary allocations to fund these additional labor hours.

Operations - SWAT Medic/Spring Break/City Sponsored Overtime Funding

SWAT Medic Program Funding

The Fire Rescue Department has been providing the Police Department with a SWAT Medic (Special Weapons and Tactics) Team for over 20 years now. The Fire Rescue Department trains with the Police SWAT Team and is deployed on all SWAT team incidents. The Fire Rescue department spends between \$60-\$70,000 annually in overtime to support this vital program.

Spring Break Labor Hours

In addition, due to the increase number of patrons who visit and spend time at our beaches during the Spring Breach season, the Fire Rescue department has needed to provide additional labor hours to protect and respond to incidents at our local beaches. The crowds at our local beaches during March and April of each can be overwhelming to our standard deployed service personnel. We equip our paramedics with Detail Carts, Medical Bags, and Life saving equipment for which they can respond and treat patients immediately while waiting for a rescue unit to be deployed for transport to local hospitals.

City Sponsored Special Event Funding

Additionally, the Fire Rescue department provides additional labor hours for City Sponsored events which include, but not limited to, New Year's Eve, Martin Luther King parade, Sistrunk Festival, Memorial Day Weekend, 4th of July, Mini-Lobster Season, Labor Day weekend, and the Winterfest Boat parade. These additional labor hours are paid through overtime to mitigate and protect the patrons who attend these events.

The Fire Rescue department is requesting the additional overtime hours to maintain this level of service and have a structurally balanced budget on a go-forward basis.

New Fire Station 8 Utility Expense

The additional funding for the utility expense line items is for the new Fire Station 8 which should be completed by the end of 2018. The new Fire Station 8 is a new facility which will need separate funding for general utility expenses.

## Performance Measures:

| Measure Type  | Request Description                                 | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|-----------------------------------------------------|----------------|----------------|----------------------------------|
| ClearPoint    | Number of Lives Saved as a Percent of Interventions | 2%             | 2%             | 2%                               |
| Effectiveness | Total Hours of Beach Lifeguard Coverage             | 10 hours       | 8 hours        | 10 hours                         |
| Efficiency    | Lives Saved and Interventions (Preventions)         | Increase       | Increase       | Increase                         |

## Strategic Connections:

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Cylinder:                | Internal Support                                                               |
| Goal:                    | Be a leader government organization, managing resources wisely and sustainably |
| Objective:               | Ensure sound fiscal management                                                 |
| Source of Justification: | Not identified in an approved plan                                             |

## Expenditure Amounts:

| One Time Expense         | Expenditure Amt. Requested: | Job Description                           | Index Code | Sub Object | SubObject Title    |
|--------------------------|-----------------------------|-------------------------------------------|------------|------------|--------------------|
| <input type="checkbox"/> | 115,000                     | <i>Extended Hours Impact</i>              | FIR010102  | 1501       | OVERTIME 1.5X PAY  |
| <input type="checkbox"/> | 8,798                       | <i>FICA Impact</i>                        | FIR010102  | 2304       | SUPPLEMENTAL FICA  |
| <input type="checkbox"/> | 130,000                     | <i>SWAT Medic/City Sponsored Overtime</i> | FIR030101  | 1501       | OVERTIME 1.5X PAY  |
| <input type="checkbox"/> | 9,945                       | <i>FICA Impact</i>                        | FIR030101  | 2301       | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,000                      | <i>New Fire Station 8</i>                 | FIR030101  | 3249       | SECURITY SERVICES  |
| <input type="checkbox"/> | 10,000                      | <i>New Fire Station 8</i>                 | FIR030101  | 3601       | ELECTRICITY        |
| <input type="checkbox"/> | 2,000                       | <i>New Fire Station 8</i>                 | FIR030101  | 3607       | NAT/PROPANE GAS    |
| <input type="checkbox"/> | 2,000                       | <i>New Fire Station 8</i>                 | FIR030101  | 3628       | TELEPHONE/CABLE TV |
| <input type="checkbox"/> | 8,000                       | <i>New Fire Station 8</i>                 | FIR030101  | 3634       | WATER/SEW/STORM    |
|                          | <b>\$295,743</b>            | <b>Total Expenditure</b>                  |            |            |                    |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Fire Rescue - 001 General Fund

Priority No: 3

Title of Request: Code Compliance - Fire Safety Inspections

Request Type: Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 2.00                       | 0.00                    | 0.00                 | 2.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

Fire Inspectors - Two (2) additional Fire Inspectors

Fire Inspectors are required to be certified as a Florida Firefighter, Florida Fire Safety Inspector I, and Board of Rules and Appeals (BORA) Fire Inspector. The City is required to annually inspect all existing commercial buildings and all existing residential buildings with 3 or more units. Fire Inspectors enforce the provisions of the Florida Fire Prevention Code (FFPC), State Laws, City Ordinances, and Broward County Amendments to the FFPC. Fire Inspectors are also assigned to conduct fire cause and origin investigations to determine the cause of fires and to perform fire -related public education. Fire Inspectors are also required to inspect new construction sites and work with Building Department plan reviewers to ensure plans meet relevant local, state, and federal codes. Per FTL Ordinance 9-53, Fire Inspectors bill for services as a cost recovery effort for fire inspections, permits, and after-hours requests.

- One (1) Fire Inspector for Plans review/Permit inspections. Fire Inspectors are also required to approve all new commercial construction projects in conjunction with the Department of Sustainability (DSD). Fire Plans review demand has increased requiring another Fire Inspector position to assist with the review and inspection of all commercial permits for new construction. Currently two Fire Inspectors perform the work required to review the plans and to inspect the new construction in the field. Plans review is performed after hours on overtime to keep up with the demand of submitted projects for review. The permit inspection process requires the Fire Marshal to assign another territory inspector to permits to meet the demand for inspection on permitted projects. Fees are collected by ordinance based on the demand for all plans reviews and inspections for complete cost recovery. During FY17/18, \$958,201.34 in fees was collected for plan reviews and permit inspections.

- One (1) Inspector for Annual Territory Fire Inspections. Broward County Amendments to the Florida Fire Prevention Code-Section F-103.2.4, "It shall be the duty of the Fire Chief of the Fire Service Provider/Fire Department to inspect or cause to be inspected by his /her duly authorized representatives of the Fire Prevention Bureau, as often as may be necessary, but not less than annually." With the exception of our High Index properties (High Rise and Sprinklered buildings), based on current staffing levels, we are averaging 15-18-month durations between inspections on smaller commercial buildings. We are requesting the additional staff to reduce the duration to the stated goal of 12 month/annual inspections. Increasing the number of annual inspections should decrease the potential for fire loss to our neighbors. Additionally, the associated increase in annual inspection revenue will offset the additional cost for personnel for complete cost recovery. Fees were adjusted within the last year in conjunction with DSD ordinance change to accommodate cost recovery increases. An additional increase in fees will occur in the next year to make up for increased salaries for complete cost recovery. During FY 17/18, \$1,337,198.90 in fees was collected for existing building fire inspections.

NFPA 1730 - Standard on Organization and Deployment of Fire Prevention Inspection and Code Enforcement, Plan Review, Investigation, and Public Education Operations. This standard provides the worksheets for calculating the amount of work required by the Bureau, using available employees to do it. Due to collective bargaining benefits, the bureau staff is only available 75% of the time due to vacations, sick, and family sick time used. Using this guide, we have determined that we need to add two (2) additional fire inspectors to perform all the annual inspections, follow-up re inspections, meetings with property owners, and meet the demand for more fire plan reviews with Department of Sustainable Development (DSD) required by the fire code within a 1-year time period for every building and occupancy in the city. If the Fire Prevention Bureau is able to inspect and bill for all the occupancies in the city, approximately \$1,700,000 in inspection fees would be generated. Currently, only \$1,365,000 is forecasted to be billed and collected based on the availability of the inspectors. The additional \$335,000 in additional revenue will cover the cost for both newly proposed employees with no general fund impact.

### Performance Measures:

| Measure Type | Request Description | FY 2019<br>Target | FY 2020<br>Target | FY 2020 Target<br>with Modification |
|--------------|---------------------|-------------------|-------------------|-------------------------------------|
|--------------|---------------------|-------------------|-------------------|-------------------------------------|

|            |                                                     |               |               |               |
|------------|-----------------------------------------------------|---------------|---------------|---------------|
| ClearPoint | Percentage of Fires Confined to Structure of Origin | 100%          | 100%          | 100%          |
| ClearPoint | Number of All Fire Inspections Performed            | Increase      | Increase      | Increase      |
| ClearPoint | Number of Fire Plan Reviews Conducted               | 3000/annually | 3000/annually | 3750/annually |
| Workload   | Fire Safety Territory Inspections                   | 80%           | 100%          | 100%          |

### Strategic Connections:

|                                 |                                                                          |
|---------------------------------|--------------------------------------------------------------------------|
| <b>Cylinder:</b>                | Public Safety                                                            |
| <b>Goal:</b>                    | Be well-prepared for and responsive to all hazards                       |
| <b>Objective:</b>               | Involve our neighbors with prevention efforts and emergency preparedness |
| <b>Source of Justification:</b> | 2035 Vision Plan: Fast Forward Fort Lauderdale                           |

### Position Requests:

| <u>PosType</u> | <u>JobCode</u> | <u>Job Description</u> | <u>Budgeted Salary</u> |
|----------------|----------------|------------------------|------------------------|
| Add Position   | 0641F          | Fire Inspector I (641) | \$69,631               |
| Add Position   | 0641F          | Fire Inspector I (641) | \$69,631               |

### Expenditure Amounts:

| <u>One Time Expense</u>  | <u>Expenditure Amt. Requested:</u> | <u>Job Description</u> | <u>Index Code</u> | <u>Sub Object</u> | <u>SubObject Title</u> |
|--------------------------|------------------------------------|------------------------|-------------------|-------------------|------------------------|
| <input type="checkbox"/> | 54,494                             | Fire Inspector I (641) | FIR010402         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/> | 4,169                              | Fire Inspector I (641) | FIR010402         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/> | 10,968                             | Fire Inspector I (641) | FIR010402         | 2404              | HEALTH INSURANCE       |
| <input type="checkbox"/> | 54,494                             | Fire Inspector I (641) | FIR010402         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/> | 4,169                              | Fire Inspector I (641) | FIR010402         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/> | 10,968                             | Fire Inspector I (641) | FIR010402         | 2404              | HEALTH INSURANCE       |
| <input type="checkbox"/> | 22,495                             | Assignment Pay         | FIR010402         | 1304              | ASSIGNMENT PAY         |
| <input type="checkbox"/> | 200                                | Clothing Allowances    | FIR010402         | 1404              | CLOTHING ALLOWANCES    |
| <input type="checkbox"/> | 3,000                              | SCBA Equipment         | FIR010402         | 3946              | TOOLS/EQUIP < \$5000   |
| <input type="checkbox"/> | 9,000                              | Uniforms/Bunker Gear   | FIR010402         | 3949              | UNIFORMS               |
| <input type="checkbox"/> | 960                                | MiFi - Tablet          | FIR010402         | 3628              | TELEPHONE/CABLE TV     |
| <input type="checkbox"/> | 7,500                              | Laptop/Computer        | FIR010402         | 3925              | OFFICE EQUIP < \$5000  |
| <input type="checkbox"/> | 3,000                              | Certification Training | FIR010402         | 4101              | CERTIFICATION TRAIN    |
| <input type="checkbox"/> | 9,000                              | Radios                 | FIR010402         | 3946              | TOOLS/EQUIP < \$5000   |
| <input type="checkbox"/> | 6,000                              | Gasoline               | FIR010402         | 3801              | GASOLINE               |

|                          |                  |                                 |           |      |          |
|--------------------------|------------------|---------------------------------|-----------|------|----------|
| <input type="checkbox"/> | 70,000           |                                 | FIR010402 | 6416 | VEHICLES |
|                          |                  | <i>Fire Inspection Vehicles</i> |           |      |          |
|                          | <b>\$270,417</b> | <b>Total Expenditure</b>        |           |      |          |

**Offsetting Revenue:**

| One Time Revenue         | Amount of Offsetting Revenue | Index Code                      | SubObject | SubObject Title        |
|--------------------------|------------------------------|---------------------------------|-----------|------------------------|
| <input type="checkbox"/> | 315,000                      | FIR010402                       | J101      | FIRE INSPECTION FEES   |
| <input type="checkbox"/> | 20,000                       | FIR010402                       | J109      | FIRE REINSPECTION FEES |
|                          | <b>\$335,000</b>             | <b>Total Offsetting Revenue</b> |           |                        |
|                          | <b>\$(64,583)</b>            | <b>Net Fund Support</b>         |           |                        |
|                          |                              | (Expenditures less Revenues)    |           |                        |

Status:



# FY 2020 BUDGET MODIFICATION FORM

## Fire Rescue - 001 General Fund

Priority No: 4

Title of Request: Fire Rescue Substation (2 Person Rescue Unit)

Request Type: Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 9.00                       | 0.00                    | 0.00                 | 9.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

Fire Rescue Substation: "2 Person Minimum" Staffing Model Request

In conjunction with the CIP request (#12328) to design and construct a Fire Rescue substation, a staffing contingent of two people is recommended as a budget modification. As a recap, the substation is proposed to address the response times of EMS calls east of the railway tracks. Zones 2A, 2B and 2C ('downtown') which lag overall City EMS response times of 7:50 in 2018 at the 90th percentile. These zones combined have times of 8:15 for EMS priority calls. A tighter margin of accreditation of 70th percentile times for the first arriving unit in these zones is 6:31, as compared to overall times for the City at 6:00. Physical obstructions, primarily the railway, and increased schedule of transit and road lane closures are the primary justification for this CIP and staffing request, based on statistical software modelling and data analysis. Special emphasis is placed on the topics of this modification relating to a smaller staff request:

- high-risk calls requiring a third person from another engine/station;
- slower response times concurrent with an external engine;
- absence of sworn supervision at the facility (Lieutenant);
- resource assignment of driver to transport and of one paramedic to computer health information with no additional support for care;
- decreased overall unit availability of additional ALS (Engine) with 3rd person attending.

Two-person rescue models lack a third person (Fire Lieutenant), reducing the level of supervision and experience of the team. Lieutenants are selected based on stringent testing criteria and are noted for outperforming in standards of EMS care. The two-person model leaves a driver-engineer to almost entirely focus on transport, the second paramedic to focus predominantly on mandated medical documentation, and both to multi-task in the care of the patient. The standard of care is pushed to a marginal limit by having only two paramedics isolated at a substation with high call volume during a shift.

A lack of sworn supervision at the facility removes a link in the chain of command and requires due diligence on any "unknown unknowns" to be conducted by contacting another station lieutenant. The lieutenant functions as a health care subject matter expert, increasing the level of patient care and chances of survival in high risk (3 paramedic) events. During these 3-paramedic events, as mandated by dispatch, the additional contingent of the third-person must be supplied anyway by an engine from another station. The truck's drive from another station results in slower response times, and decreased unit availability to respond to incidents native to that engine's home station.

Overall, the two-person model is viable for a sub-station, but places additional variables in the equation of patient care. Travel times are included from a remote location, experience is removed from the model, and additional focus on patient care is reduced. The effectiveness and success of care in the station is difficult to quantify and anticipate when adding these external variables and leaves the geographic area open to many of the same risks before the installation of the substation.

### Performance Measures:

| Measure Type  | Request Description                                                                     | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|-----------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| ClearPoint    | Emergency Medical Services Total Time First Unit Arrival                                | 0:06:00        | 0:06:00        | 0:06:00                          |
| ClearPoint    | Percentage of Cardiac Arrest Patients Arriving at Medical Facility Resuscitated         | Increase       | Increase       | Increase                         |
| Effectiveness | Satisfaction with How Quickly Fire Rescue Responds to 911 Emergencies (Neighbor Survey) | 91%            | 91%            | 92%                              |

## Strategic Connections:

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Cylinder:</b>                | Public Safety                                                                                                  |
| <b>Goal:</b>                    | Be the safest urban coastal City in South Florida through preventive and responsive police and fire protection |
| <b>Objective:</b>               | Provide quick and exceptional fire, medical, and emergency response                                            |
| <b>Source of Justification:</b> | 2035 Vision Plan: Fast Forward Fort Lauderdale                                                                 |

## Position Requests:

| PosType      | JobCode | Job Description             | Budgeted Salary |
|--------------|---------|-----------------------------|-----------------|
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |
| Add Position | 0640F   | Paramedic/Firefighter (640) | \$69,718        |

## Expenditure Amounts:

| One Time Expense         | Expenditure Amt. Requested: | Job Description             | Index Code | Sub Object | SubObject Title    |
|--------------------------|-----------------------------|-----------------------------|------------|------------|--------------------|
| <input type="checkbox"/> | 54,575                      | Paramedic/Firefighter (640) | FIR030101  | 1101       | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175                       | Paramedic/Firefighter (640) | FIR030101  | 2301       | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968                      | Paramedic/Firefighter (640) | FIR030101  | 2404       | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575                      | Paramedic/Firefighter (640) | FIR030101  | 1101       | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175                       | Paramedic/Firefighter (640) | FIR030101  | 2301       | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968                      | Paramedic/Firefighter (640) | FIR030101  | 2404       | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575                      | Paramedic/Firefighter (640) | FIR030101  | 1101       | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175                       | Paramedic/Firefighter (640) | FIR030101  | 2301       | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968                      | Paramedic/Firefighter (640) | FIR030101  | 2404       | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575                      | Paramedic/Firefighter (640) | FIR030101  | 1101       | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175                       | Paramedic/Firefighter (640) | FIR030101  | 2301       | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968                      | Paramedic/Firefighter (640) | FIR030101  | 2404       | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575                      | Paramedic/Firefighter (640) | FIR030101  | 1101       | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175                       | Paramedic/Firefighter (640) | FIR030101  | 2301       | SOC SEC/MEDICARE   |

|                          |                  |                               |           |      |                      |
|--------------------------|------------------|-------------------------------|-----------|------|----------------------|
| <input type="checkbox"/> | 10,968           | Paramedic/Firefighter (640)   | FIR030101 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/> | 54,575           | Paramedic/Firefighter (640)   | FIR030101 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/> | 4,175            | Paramedic/Firefighter (640)   | FIR030101 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/> | 10,968           | Paramedic/Firefighter (640)   | FIR030101 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/> | 54,575           | Paramedic/Firefighter (640)   | FIR030101 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/> | 4,175            | Paramedic/Firefighter (640)   | FIR030101 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/> | 10,968           | Paramedic/Firefighter (640)   | FIR030101 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/> | 54,575           | Paramedic/Firefighter (640)   | FIR030101 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/> | 4,175            | Paramedic/Firefighter (640)   | FIR030101 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/> | 10,968           | Paramedic/Firefighter (640)   | FIR030101 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/> | 54,575           | Paramedic/Firefighter (640)   | FIR030101 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/> | 4,175            | Paramedic/Firefighter (640)   | FIR030101 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/> | 10,968           | Paramedic/Firefighter (640)   | FIR030101 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/> | 77,932           |                               | FIR030101 | 1304 | ASSIGNMENT PAY       |
|                          |                  | <i>Paramedic Pay</i>          |           |      |                      |
| <input type="checkbox"/> | 34,442           |                               | FIR030101 | 1316 | UPGRADE PAY          |
|                          |                  | <i>Assignment Pay</i>         |           |      |                      |
| <input type="checkbox"/> | 900              |                               | FIR030101 | 1404 | CLOTHING ALLOWANCES  |
|                          |                  | <i>Clothing Allowance</i>     |           |      |                      |
| <input type="checkbox"/> | 13,590           |                               | FIR030101 | 3946 | TOOLS/EQUIP < \$5000 |
|                          |                  | <i>SCBA Equipment</i>         |           |      |                      |
| <input type="checkbox"/> | 40,500           |                               | FIR030101 | 3949 | UNIFORMS             |
|                          |                  | <i>Uniforms/Bunker Gear</i>   |           |      |                      |
| <input type="checkbox"/> | 18,000           |                               | FIR030101 | 6499 | OTHER EQUIPMENT      |
|                          |                  | <i>SCBA Packs</i>             |           |      |                      |
| <input type="checkbox"/> | 28,269           |                               | FIR030101 | 1101 | PERMANENT SALARIES   |
|                          |                  | <i>Base Salary Adjustment</i> |           |      |                      |
| <input type="checkbox"/> | 10,836           |                               | FIR030101 | 2301 | SOC SEC/MEDICARE     |
|                          |                  | <i>Base Salary Adjustment</i> |           |      |                      |
|                          | <b>\$851,931</b> | <b>Total Expenditure</b>      |           |      |                      |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Fire Rescue - 001 General Fund

**Priority No:** 5

**Title of Request:** Fire Rescue Substation (3 Person Rescue Unit)

**Request Type:** Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 14.00                      | 0.00                    | 0.00                 | 14.00                 |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

Fire Rescue Substation: "3-Person Full Complement" Staffing Model Request

In conjunction with the CIP request (#12328) to design and construct a Fire Rescue substation, a staffing contingent of three people is recommended as a budget modification. As a recap, the substation is proposed to address the response times of EMS calls east of the railway tracks. Zones 2A, 2B and 2C ('downtown') which lag behind overall City EMS response times of 7:50 in 2018 at the 90th percentile. These zones combined have times of 8:15 for EMS priority calls. A tighter margin of accreditation of 70th percentile times for the first arriving unit in these zones is 6:31, as compared to overall times for the City at 6:00. Physical obstructions, primarily the railway, and increased schedule of transit and road lane closures are the primary justification for this CIP and staffing request, based on statistical software modeling and data analysis aforementioned. Special emphasis is placed on the topics of this modification relating to this staff request:

- high-risk calls not requiring a third person from another engine/station;
- faster response times concurrent with all three paramedics on site;
- support of sworn supervision at the facility (Lieutenant);
- resource assignment of driver to transport, and of one paramedic to computer health documentation, and a dedicated paramedic as the support for care;
- increased overall unit availability of other engines in other zones with a third person.

Three-person rescue models add a third staff member, a Lieutenant, increasing the level of supervision and experience of the team. Lieutenants are selected based on stringent testing criteria and are noted for outperforming in standards of EMS care. The three-person model leaves a driver-engineer to almost entirely focus on transport, the second paramedic to focus predominantly on mandated medical documentation, and the third paramedic to focus entirely on the medical care of the patient. The standard of care is seldom pushed to any limit with three paramedics at a substation and a high call volume during a shift.

The support of sworn supervision at the facility creates a link in the chain of command and has on site due diligence of any "unknown unknowns" to be addressed by the lieutenant. The lieutenant functions as a health care subject matter expert, increasing the level of patient care and chances of survival in high risk (3 paramedic) events. During these 3-paramedic events, as mandated by dispatch, the additional contingent of the third-person is already on-site as part of the team. There is no drive from another station which results in faster response times, as all three people are the "first arriving unit." Other units have more availability to respond to calls in their home station zones.

Overall, the three-person model is an optimal configuration for a sub-station and removes unknown variables in the equation of patient care. Travel times are eliminated from a remote location, experience is added to the model, and focus on patient care is assured with higher chances for survival. The effectiveness and success of care in the station is easy to quantify and forecast and augments a dimension to the geographic area reducing the risks present before the installation of the substation.

### Performance Measures:

| Measure Type  | Request Description                                                                     | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|-----------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| ClearPoint    | Emergency Medical Services Total Time First Unit Arrival                                | 0:06:00        | 0:06:00        | 0:06:00                          |
| ClearPoint    | Percentage of Cardiac Arrest Patients Arriving at Medical Facility Resuscitated         | Increase       | Increase       | Increase                         |
| Effectiveness | Satisfaction with How Quickly Fire Rescue Responds to 911 Emergencies (Neighbor Survey) | 91%            | 91%            | 98%                              |

### Strategic Connections:

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Cylinder:</b>                | Public Safety                                                                                                  |
| <b>Goal:</b>                    | Be the safest urban coastal City in South Florida through preventive and responsive police and fire protection |
| <b>Objective:</b>               | Provide quick and exceptional fire, medical, and emergency response                                            |
| <b>Source of Justification:</b> | 2035 Vision Plan: Fast Forward Fort Lauderdale                                                                 |

### Position Requests:

| <b>PosType</b> | <b>JobCode</b> | <b>Job Description</b>      | <b>Budgeted Salary</b> |
|----------------|----------------|-----------------------------|------------------------|
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0640F          | Paramedic/Firefighter (640) | \$69,718               |
| Add Position   | 0666F          | Fire Lieutenant (666)       | \$83,725               |
| Add Position   | 0666F          | Fire Lieutenant (666)       | \$83,725               |
| Add Position   | 0666F          | Fire Lieutenant (666)       | \$83,725               |
| Add Position   | 0666F          | Fire Lieutenant (666)       | \$83,725               |
| Add Position   | 0666F          | Fire Lieutenant (666)       | \$83,725               |

### Expenditure Amounts:

| <b>One Time Expense</b>  | <b>Expenditure Amt. Requested:</b> | <b>Job Description</b> | <b>Index Code</b> | <b>Sub Object</b> | <b>SubObject Title</b> |
|--------------------------|------------------------------------|------------------------|-------------------|-------------------|------------------------|
| <input type="checkbox"/> | 67,587                             | Fire Lieutenant (666)  | FIR030101         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/> | 5,170                              | Fire Lieutenant (666)  | FIR030101         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/> | 10,968                             | Fire Lieutenant (666)  | FIR030101         | 2404              | HEALTH INSURANCE       |
| <input type="checkbox"/> | 67,587                             | Fire Lieutenant (666)  | FIR030101         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/> | 5,170                              | Fire Lieutenant (666)  | FIR030101         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/> | 10,968                             | Fire Lieutenant (666)  | FIR030101         | 2404              | HEALTH INSURANCE       |
| <input type="checkbox"/> | 67,587                             | Fire Lieutenant (666)  | FIR030101         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/> | 5,170                              | Fire Lieutenant (666)  | FIR030101         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/> | 10,968                             | Fire Lieutenant (666)  | FIR030101         | 2404              | HEALTH INSURANCE       |
| <input type="checkbox"/> | 67,587                             | Fire Lieutenant (666)  | FIR030101         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/> | 5,170                              | Fire Lieutenant (666)  | FIR030101         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/> | 10,968                             | Fire Lieutenant (666)  | FIR030101         | 2404              | HEALTH INSURANCE       |

|                          |        |                             |           |      |                    |
|--------------------------|--------|-----------------------------|-----------|------|--------------------|
| <input type="checkbox"/> | 67,587 | Fire Lieutenant (666)       | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 5,170  | Fire Lieutenant (666)       | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Fire Lieutenant (666)       | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 4,175  | Paramedic/Firefighter (640) | FIR030101 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 10,968 | Paramedic/Firefighter (640) | FIR030101 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 54,575 | Paramedic/Firefighter (640) | FIR030101 | 1101 | PERMANENT SALARIES |

|                          |                    |                                        |           |      |                      |
|--------------------------|--------------------|----------------------------------------|-----------|------|----------------------|
| <input type="checkbox"/> | 4,175              | Paramedic/Firefighter (640)            | FIR030101 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/> | 10,968             | Paramedic/Firefighter (640)            | FIR030101 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/> | 54,575             | Paramedic/Firefighter (640)            | FIR030101 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/> | 4,175              | Paramedic/Firefighter (640)            | FIR030101 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/> | 10,968             | Paramedic/Firefighter (640)            | FIR030101 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/> | 178,718            |                                        | FIR030101 | 1304 | ASSIGNMENT PAY       |
|                          |                    | <i>Paramedic Pay</i>                   |           |      |                      |
| <input type="checkbox"/> | 33,004             |                                        | FIR030101 | 1316 | UPGRADE PAY          |
|                          |                    | <i>Assignment Pay</i>                  |           |      |                      |
| <input type="checkbox"/> | 1,400              |                                        | FIR030101 | 1404 | CLOTHING ALLOWANCES  |
|                          |                    | <i>Clothing Allowances</i>             |           |      |                      |
| <input type="checkbox"/> | 21,350             |                                        | FIR030101 | 3946 | TOOLS/EQUIP < \$5000 |
|                          |                    | <i>SCBA Equipment</i>                  |           |      |                      |
| <input type="checkbox"/> | 48,300             |                                        | FIR030101 | 3949 | UNIFORMS             |
|                          |                    | <i>Uniforms/Bunker Gear</i>            |           |      |                      |
| <input type="checkbox"/> | 21,600             |                                        | FIR030101 | 6499 | OTHER EQUIPMENT      |
|                          |                    | <i>SCBA Packs</i>                      |           |      |                      |
| <input type="checkbox"/> | 73,709             |                                        | FIR030101 | 1101 | PERMANENT SALARIES   |
|                          |                    | <i>Salary Adjustment</i>               |           |      |                      |
| <input type="checkbox"/> | 21,945             |                                        | FIR030101 | 2301 | SOC SEC/MEDICARE     |
|                          |                    | <i>Social Security/FICA Adjustment</i> |           |      |                      |
|                          | <b>\$1,446,113</b> | <b>Total Expenditure</b>               |           |      |                      |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Fire Rescue - 001 General Fund

**Priority No:** 6

**Title of Request:** Chaplaincy Program

**Request Type:** Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

Fort Lauderdale Fire Rescue Chaplaincy Program

Fort Lauderdale Fire Rescue's Chaplaincy's Program began in December 2012 with the appointment of Father Ron Perkins to the position of Senior Chaplain. Chaplain Perkins had been serving the Fort Lauderdale Police Department as a police chaplain since 2009.

Since 2012, Father Perkins has volunteered over 2000 hours of service with our firefighters, command staff, fire families and our retired community.

During the calendar year 2017 alone, Father Perkins conducted 190 fire station visits, interacted one-on-one with 128 firefighters, participated in 47 ceremonies, responded to 30 emergency scenes (at all hours of the day and night), and performed 18 Critical Incident Stress Management (CISM) debriefs or defusing. Major incidents to which he responded and provided services to our firefighters include the January 6, 2017, airport shooting, multiple pediatric and traffic fatalities, numerous death notifications for families, intervention in two firefighter suicide attempts and threats as well as actions in support of Hurricane Irma recovery.

In the early months of 2018, Father Perkins responded to the Parkland shooting, a fatal fire and several traffic fatalities.

Between 2012 and 2016, Father Perkins and two other fire chaplains have provided their chaplaincy services to FLFR strictly as volunteers. However, in 2016, a non-profit 501(c)3 corporation – Public Safety Chaplaincy, Inc. – was established. One of the prime objectives of this organization is to provide at least one full-time equivalent chaplain to Fort Lauderdale Fire Rescue. Start-up funding for this organization has been provided by the Fort Lauderdale Firefighters Local 765, Motorola Solutions (a major equipment vendor to FLFR) and private donors.

Public Safety Chaplaincy, Inc.'s mission is to provide pastoral, spiritual and emotional care for public safety sworn and civilian personnel in our communities. Law enforcement officers and firefighters are part of a vulnerable population. The stress they endure while keeping the community safe is extreme, and they rarely ask for any help in return. There are not many resources available to provide these men and women the support and counsel that they need after experiencing trauma. All too often, first responders, as well as their families, are left to work through profound stress on their own. The highly volatile trauma they've experienced requires deep emotional counseling and support.

As PSC increases its ability to serve this key population, key objectives include:

- Prevention and intervention of suicide in public safety personnel
- Assist families and their first responders recognize the signs of critical levels of stress and what to do in specific situations
- Help families gain knowledge of resources available to them and their public safety family members
- Serving as the first line of defense for our heroes and their families in areas of emotional and spiritual health
- Ensure that families of public safety personnel develop survival tactics for themselves & their public safety family members

Given the documented value that Father Perkins and the PSC chaplains have provided FLFR, this command requests a budget allocation (non-profit donation) for FY 2020 of \$ 30,000 to allow our chaplaincy program to provide further professional pastoral and emotional support to our department personnel.

### Performance Measures:

| Measure Type  | Request Description                                           | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|---------------------------------------------------------------|----------------|----------------|----------------------------------|
| Effectiveness | Interventions with Public Safety Personnel In Need of Support | Increase       | Maintain       | Increase                         |



**Strategic Connections:**

Cylinder:

Internal Support

Goal:

Be a well-trained, innovative, and neighbor-centric workforce that builds community

Objective:

Improve employee safety and wellness

Source of Justification:

2035 Vision Plan: Fast Forward Fort Lauderdale

**Expenditure Amounts:**

| One Time Expense         | Expenditure Amt. Requested: | Job Description          | Index Code | Sub Object | SubObject Title |
|--------------------------|-----------------------------|--------------------------|------------|------------|-----------------|
| <input type="checkbox"/> | 30,000                      | Funding Support          | FIR010101  | 3199       | OTHER PROF SERV |
| <input type="checkbox"/> | 30,000                      | Funding Support          | POL030201  | 3199       | OTHER PROF SERV |
|                          | <b>\$60,000</b>             | <b>Total Expenditure</b> |            |            |                 |

Status:

# Descriptions & Line Items By Division





# Office of the Chief - Expenditures

| Subobject                    | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended (%)<br>Different) | Basis of Expense                                                                                                                                                                                                                                                               |
|------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries      | 6,447,225         | 6,748,912          | 6,748,912          | 6,892,067           | 7,742,297                          | 7,742,297                        | 993,385                                       | 15%                                                                | Includes the 75th Percentile differential                                                                                                                                                                                                                                      |
| 1104 Temporary Salaries      | -                 | 71,160             | 71,160             | -                   | 74,718                             | 74,718                           | 3,558                                         | 5%                                                                 |                                                                                                                                                                                                                                                                                |
| 1107 Part Time Salaries      | 448,680           | 388,669            | 388,669            | 506,113             | 408,102                            | 408,102                          | 19,433                                        | 5%                                                                 |                                                                                                                                                                                                                                                                                |
| 1110 Sick Conv to Cash       | 37,643            | 27,950             | 27,950             | 27,950              | -                                  | -                                | (27,950)                                      | (100%)                                                             |                                                                                                                                                                                                                                                                                |
| 1113 Vac Mgmt Conv           | 35,035            | 24,050             | 24,050             | 24,050              | -                                  | -                                | (24,050)                                      | (100%)                                                             |                                                                                                                                                                                                                                                                                |
| 1116 Comp Absences           | -                 | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 1119 Payroll Accrual         | (1,276)           | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 1199 Other Reg Salaries      | -                 | 106,098            | 106,098            | 106,098             | 74,649                             | 74,649                           | (31,449)                                      | (30%)                                                              | Includes the 75th Percentile differential                                                                                                                                                                                                                                      |
| 1201 Longevity Pay           | 190,043           | 154,241            | 154,241            | 146,852             | 134,005                            | 134,005                          | (20,236)                                      | (13%)                                                              |                                                                                                                                                                                                                                                                                |
| 1204 Longevity Accr          | -                 | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 1304 Assignment Pay          | 603,237           | 635,588            | 635,588            | 645,363             | 690,751                            | 690,751                          | 55,163                                        | 9%                                                                 | Includes the 75th Percentile differential                                                                                                                                                                                                                                      |
| 1307 P&F Incentive Pay       | 22,740            | 21,600             | 21,600             | 26,980              | 27,480                             | 27,480                           | 5,880                                         | 27%                                                                |                                                                                                                                                                                                                                                                                |
| 1313 Standby Pay             | 8,772             | 8,500              | 8,500              | 8,500               | 9,000                              | 9,000                            | 500                                           | 6%                                                                 |                                                                                                                                                                                                                                                                                |
| 1316 Upgrade Pay             | 13,147            | 10,350             | 10,350             | 11,209              | 10,917                             | 10,917                           | 567                                           | 5%                                                                 |                                                                                                                                                                                                                                                                                |
| 1401 Car Allowances          | 4,000             | 3,000              | 3,000              | 12,300              | 60,240                             | 60,240                           | 57,240                                        | 1908%                                                              |                                                                                                                                                                                                                                                                                |
| 1404 Clothing Allowances     | 1,900             | 2,100              | 2,100              | 2,300               | 2,100                              | 2,100                            | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 1407 Expense Allowances      | 11,040            | 12,318             | 12,318             | 11,982              | 13,920                             | 13,920                           | 1,602                                         | 13%                                                                |                                                                                                                                                                                                                                                                                |
| 1413 Cellphone Allowance     | 14,460            | 20,760             | 20,760             | 1,200               | 1,200                              | 1,200                            | (19,560)                                      | (94%)                                                              |                                                                                                                                                                                                                                                                                |
| 1501 Overtime 1.5X Pay       | 629,269           | 378,000            | 378,000            | 633,371             | 404,041                            | 404,041                          | 26,041                                        | 7%                                                                 | Includes the 75th Percentile differential                                                                                                                                                                                                                                      |
| 1504 Overtime 1X Pay         | 30,144            | 3,570              | 3,570              | 15,914              | 3,816                              | 3,816                            | 246                                           | 7%                                                                 | Includes the 75th Percentile differential                                                                                                                                                                                                                                      |
| 1701 Retirement Gifts        | 1,000             | 250                | 250                | 250                 | 250                                | 250                              | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 1707 Sick Termination Pay    | 19,472            | -                  | -                  | 1,766               | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 1710 Vacation Term Pay       | 41,224            | -                  | -                  | 2,445               | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 1799 Other Term Pay          | -                 | 26,796             | 26,796             | 26,796              | 31,494                             | 31,494                           | 4,698                                         | 18%                                                                |                                                                                                                                                                                                                                                                                |
| 1801 Core Adjustments        | -                 | -                  | 30,475             | -                   | -                                  | (174,556)                        | (174,556)                                     | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 2104 Mileage Reimburse       | 885               | -                  | -                  | -                   | 500                                | 500                              | 500                                           | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 2107 Moving Expense          | 10,000            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 2119 Wellness Incentives     | 5,500             | -                  | -                  | -                   | -                                  | 15,000                           | 15,000                                        | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 2204 Pension - General Emp   | 423,708           | 327,817            | 327,817            | 327,817             | 270,846                            | 270,846                          | (56,971)                                      | (17%)                                                              |                                                                                                                                                                                                                                                                                |
| 2207 Pension - Police & Fire | 798,076           | 744,212            | 744,212            | 744,212             | 838,987                            | 838,987                          | 94,775                                        | 13%                                                                |                                                                                                                                                                                                                                                                                |
| 2299 Pension - Def Cont      | 122,565           | 154,441            | 154,441            | 130,510             | 147,558                            | 147,558                          | (6,883)                                       | (4%)                                                               |                                                                                                                                                                                                                                                                                |
| 2301 Soc Sec/Medicare        | 607,073           | 606,537            | 606,537            | 575,624             | 663,582                            | 663,582                          | 57,045                                        | 9%                                                                 | Includes the 75th Percentile differential                                                                                                                                                                                                                                      |
| 2307 Year End FICA Accr      | 63                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 2402 Life Insurance          | -                 | -                  | -                  | -                   | 4,991                              | 4,991                            | 4,991                                         | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 2404 Health Insurance        | 759,904           | 880,494            | 880,494            | 880,494             | 958,474                            | 958,474                          | 77,980                                        | 9%                                                                 |                                                                                                                                                                                                                                                                                |
| 2410 Workers' Comp           | 314,689           | 423,020            | 423,020            | 423,020             | 423,020                            | 423,020                          | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| <b>Personal Services</b>     | <b>11,600,220</b> | <b>11,780,433</b>  | <b>11,810,908</b>  | <b>12,185,183</b>   | <b>12,996,938</b>                  | <b>12,837,382</b>                | <b>1,056,949</b>                              | <b>9%</b>                                                          |                                                                                                                                                                                                                                                                                |
| 3113 Fin & Bank Serv         | 3,462             | 2,500              | 2,500              | 313                 | 3,500                              | 3,500                            | 1,000                                         | 40%                                                                | This is for recurring bank fees for the processing of payments through the LockBox and Credit Card fee collections                                                                                                                                                             |
| 3198 Backflow Program        | -                 | 10,305             | 10,305             | 10,305              | 10,305                             | 10,305                           | -                                             | 0%                                                                 | Required funding for the City's backflow preventer program.                                                                                                                                                                                                                    |
| 3199 Other Prof Serv         | -                 | 50,000             | 50,000             | 34,999              | 50,000                             | -                                | (50,000)                                      | (100%)                                                             |                                                                                                                                                                                                                                                                                |
| 3201 Ad/Marketing            | -                 | 250                | 250                | 250                 | 250                                | 250                              | -                                             | 0%                                                                 | This is used for new hire recruiting (Consent Decree) as well as Department publications & marketing products.                                                                                                                                                                 |
| 3216 Costs/Fees/Permits      | 1,838             | 2,800              | 2,800              | 4,120               | 1,950                              | 1,950                            | (850)                                         | (30%)                                                              | This is for fees associated with the Fire Administration building, elevator certificate renewal, annual ALS (Advanced Life Support) license renewal, notary renewals, Fire Prevention exams/certification tests, and annual EMS (Emergency Medical Services) Lock box charges. |
| 3222 Custodial Services      | 21,128            | 21,200             | 21,200             | 33,761              | 38,200                             | 21,200                           | -                                             | 0%                                                                 | This is for the expense to maintain custodial services for Fire Administration, Fire Training, Emergency Management, and Support Services (Logistics) locations.                                                                                                               |
| 3231 Food Services           | 1,928             | 2,500              | 2,500              | 2,500               | 2,100                              | 2,100                            | (400)                                         | (16%)                                                              | Annual Fire Explorer/CERT (Community Emergency Response Team) volunteer awards ceremony.                                                                                                                                                                                       |
| 3243 Prizes & Awards         | (70)              | -                  | -                  | 5,130               | 3,000                              | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                |
| 3249 Security Services       | 1,616             | 1,500              | 1,500              | -                   | 1,600                              | 1,600                            | 100                                           | 7%                                                                 | This is used for Monitoring Service for Narcotics and MMRS Drug Cache in Logistics                                                                                                                                                                                             |

## Office of the Chief - Expenditures

| Subobject               | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended (%)<br>Different) | Basis of Expense                                                                                                                                                                                                                                                                        |
|-------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3299 Other Services     | 14,452            | 13,500             | 13,500             | 13,500              | 11,850                             | 11,850                           | (1,650)                                       | (12%)                                                              | The primary expense relates to NCSPlus, a 3rd Party Debt Collection service contract.                                                                                                                                                                                                   |
| 3304 Office Equip Rent  | 12,886            | 15,100             | 15,100             | 15,100              | 15,800                             | 15,800                           | 700                                           | 5%                                                                 | Office equipment rentals, primarily for monthly copier rentals for Fire Administration, Ocean Rescue, Emergency Management, Training Bureau, Fire Prevention, and Support Services.                                                                                                     |
| 3310 Other Equip Rent   | 780               | 750                | 750                | -                   | 780                                | 780                              | 30                                            | 4%                                                                 | This expense is to fund the storage trailer for the Fire training bureau.                                                                                                                                                                                                               |
| 3401 Computer Maint     | 26,560            | 26,000             | 26,000             | 26,000              | 25,000                             | 25,000                           | (1,000)                                       | (4%)                                                               | Allocation for software and computer applications not funded through Information Technology Services (ITS) Department; \$23,000 for Deccan International, \$2,000 for Tablet Command.                                                                                                   |
| 3404 Components/Parts   | 1,285             | -                  | -                  | 29                  | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                         |
| 3407 Equip Rep & Maint  | 13,179            | 8,600              | 8,600              | 8,600               | 8,600                              | 8,600                            | -                                             | 0%                                                                 | Funding for Repairs and Maintenance to Ocean Rescue Jet Ski's, Ocean Rescue Tower lighting maintenance, and generator maintenance for the Emergency Operations Center (EOC).                                                                                                            |
| 3428 Bldg Rep & Maint   | 5,194             | 6,000              | 6,000              | 6,000               | 10,000                             | 10,000                           | 4,000                                         | 67%                                                                | The expense relates to miscellaneous building repair & maintenance for Ocean Rescue Lifeguard Towers/Headquarters.                                                                                                                                                                      |
| 3434 Imp Rep Materials  | 4,203             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                         |
| 3613 Special Delivery   | 543               | 950                | 950                | 950                 | 1,100                              | 600                              | (350)                                         | (37%)                                                              | Special Delivery - FedEx, Certified mail, etc. for Fire Administration, Ocean Rescue, EMS Administration, Training & Special Operations, and Fire Prevention bureaus.                                                                                                                   |
| 3628 Telephone/Cable Tv | 4,423             | 4,100              | 4,100              | 14,512              | 4,600                              | 4,600                            | 500                                           | 12%                                                                | Telephone/Wireless Charges for Fire Administration/Fire Prevention bureaus, Satellite Cable Service (EOC), and the Measles, Mumps, & Rubella (MMR) Center for Disease Control (CDC) monitored phone line in Support Services.                                                           |
| 3799 Other Chemicals    | -                 | 1,000              | 1,000              | 1,000               | 1,000                              | -                                | (1,000)                                       | (100%)                                                             | Funding will be utilized to replace depleted foam supply used by the Training & Special Operations Bureau.                                                                                                                                                                              |
| 3801 Gasoline           | 69,988            | 82,916             | 82,916             | 82,916              | 76,777                             | 76,777                           | (6,139)                                       | (7%)                                                               | The budgeted expense relates to all Fire Administrative vehicles including Fire Administration, Ocean Rescue, Emergency Management, EMS Administration, Training & Special Operations, Fire Prevention, and Support Services.                                                           |
| 3804 Diesel Fuel        | 699               | 557                | 557                | 557                 | 823                                | 823                              | 266                                           | 48%                                                                | The budgeted expense relates to all Fire Administrative vehicles including Fire Administration, Ocean Rescue, Emergency Management, EMS Administration, Training & Special Operations, Fire Prevention, and Support Services. Recommended funding based on current year spending.       |
| 3807 Oil & Lubricants   | -                 | -                  | -                  | 50                  | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                                                                                         |
| 3904 Books & Manuals    | 9,175             | 5,400              | 5,400              | 5,400               | 4,550                              | 4,550                            | (850)                                         | (16%)                                                              | Expenses included promotional exam publications, Cardiopulmonary Resuscitation/Automated External Defibrillator workbooks, Health Insurance Portability and Accountability Act Compliance Training Packages, National Fire Protection Association Compliance and Building Code Updates. |

# Office of the Chief - Expenditures

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended (%)<br>Different) | Basis of Expense                                                                                                                                                                                                  |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3907 Data Proc Supplies        | 44,575            | 22,850             | 22,850             | 22,850              | 22,850                             | 22,850                           | -                                             | 0%                                                                 | Expenses include software licenses for performance software and EOC applications.                                                                                                                                 |
| 3916 Janitorial Supplies       | 520               | 750                | 750                | 750                 | 750                                | 750                              | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 3925 Office Equip < \$5000     | 14,272            | 9,543              | 9,543              | 9,543               | 9,250                              | 9,250                            | (293)                                         | (3%)                                                               | Funding is utilized to purchase office equipment as needed.                                                                                                                                                       |
| 3926 Furniture <\$5000         | -                 | 8,000              | 8,000              | 8,000               | 5,000                              | -                                | (8,000)                                       | (100%)                                                             |                                                                                                                                                                                                                   |
| 3928 Office Supplies           | 19,013            | 17,500             | 17,500             | 17,500              | 19,900                             | 15,000                           | (2,500)                                       | (14%)                                                              | Funding is utilized to purchase office supplies as needed.                                                                                                                                                        |
| 3931 Periodicals & Mag         | 317               | 250                | 250                | 250                 | 300                                | 300                              | 50                                            | 20%                                                                | Fire Prevention publications and Fire Code updates.                                                                                                                                                               |
| 3940 Safety Shoes              | 378               | 500                | 500                | 500                 | 500                                | 500                              | -                                             | 0%                                                                 | Funding for four (4) pairs of shoes for support service/logistics staff.                                                                                                                                          |
| 3946 Tools/Equip < \$5000      | 16,096            | 13,000             | 13,000             | 13,000              | 14,250                             | 14,250                           | 1,250                                         | 10%                                                                | Replacement of the Ocean Rescue rescue boards.                                                                                                                                                                    |
| 3949 Uniforms                  | 44,555            | 33,450             | 33,450             | 33,450              | 38,000                             | 38,000                           | 4,550                                         | 14%                                                                | Uniform replacements for Ocean Rescue staff and Fire Administrative bureaus.                                                                                                                                      |
| 3999 Other Supplies            | 27,147            | 25,400             | 25,400             | 25,400              | 28,100                             | 25,400                           | -                                             | 0%                                                                 | Miscellaneous expenses to support Fire Administration, Ocean Rescue (Junior Lifeguard Program), Emergency Management, Training and Special Operations, and Fire Prevention bureaus.                               |
| 4101 Certification Train       | 16,800            | 41,000             | 41,000             | 41,000              | 44,000                             | -                                | (41,000)                                      | (100%)                                                             | The Fire Rescue Department must outsource all new hire training and ongoing Field Training to the Broward Fire Academy.                                                                                           |
| 4104 Conferences               | 40,824            | 29,000             | 29,000             | 29,000              | 38,000                             | -                                | (29,000)                                      | (100%)                                                             | Conferences for Fire Administration personnel including: Fire Administration, Ocean Rescue, Training Bureau (Including Competition Teams), and Fire Prevention Bureaus.                                           |
| 4107 Investigative Trips       | 140               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4110 Meetings                  | 5,463             | 3,750              | 3,750              | 3,750               | 5,500                              | -                                | (3,750)                                       | (100%)                                                             | Fire Administration personnel attending meetings outside the city limits, etc.                                                                                                                                    |
| 4113 Memberships/Dues          | 7,947             | 4,600              | 4,600              | 4,600               | 8,350                              | -                                | (4,600)                                       | (100%)                                                             | Memberships/dues for Fire Administration, Ocean Rescue, and Fire Prevention personnel.                                                                                                                            |
| 4116 Schools                   | -                 | 750                | 750                | 750                 | -                                  | -                                | (750)                                         | (100%)                                                             | Meetings/certification training for Fire Administration/Fire Prevention personnel.                                                                                                                                |
| 4119 Training & Travel         | -                 | -                  | -                  | -                   | -                                  | 64,600                           | 64,600                                        | 0%                                                                 |                                                                                                                                                                                                                   |
| 4210 Social Contr              | 129               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4308 Overhead-Fleet            | 18,732            | 26,516             | 26,516             | 26,516              | 26,516                             | 26,516                           | -                                             | 0%                                                                 | Expense relating to all Fire Administrative vehicles including Fire Administration, Ocean Rescue, Emergency Management, EMS Administration, Training & Special Operations, Fire Prevention, and Support Services. |
| 4334 Servchg-Airport           | 29,899            | 30,445             | 30,445             | 30,445              | -                                  | 30,445                           | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4343 Servchg-Info Sys          | 712,675           | 664,390            | 664,390            | 664,390             | 664,390                            | 664,390                          | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4355 Servchg-Print Shop        | 5,794             | 5,710              | 5,710              | 5,710               | 6,200                              | 5,710                            | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4372 Servchg-Fleet Replacement | 166,970           | 140,992            | 140,992            | 140,992             | 184,647                            | 184,647                          | 43,655                                        | 31%                                                                |                                                                                                                                                                                                                   |
| 4373 Servchg-Fleet O&M         | 69,012            | 48,175             | 48,175             | 48,175              | 131,459                            | 131,459                          | 83,284                                        | 173%                                                               |                                                                                                                                                                                                                   |
| 4374 Servchg-Non Fleet         | 4,520             | 6,500              | 6,500              | 6,500               | 6,750                              | 6,750                            | 250                                           | 4%                                                                 |                                                                                                                                                                                                                   |
| 4385 Servchg-Misc Grants       | 2,185             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4401 Auto Liability            | 35,914            | 54,783             | 54,783             | 54,784              | 54,783                             | 54,783                           | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4407 Emp Proceedings           | 59,404            | 33,060             | 33,060             | 33,060              | 33,060                             | 33,060                           | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4410 General Liability         | 42,414            | 52,303             | 52,303             | 52,303              | 52,303                             | 52,303                           | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4416 Other Ins Charges         | 43,439            | 85,505             | 85,505             | 85,505              | 85,505                             | 85,505                           | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4422 Pol/Fire AD&D             | 2,562             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| 4431 Pub Officials Liab        | 4,708             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                 |                                                                                                                                                                                                                   |
| <b>Operating Expenses</b>      | <b>1,629,674</b>  | <b>1,614,650</b>   | <b>1,614,650</b>   | <b>1,624,715</b>    | <b>1,752,148</b>                   | <b>1,666,753</b>                 | <b>52,103</b>                                 | <b>3%</b>                                                          |                                                                                                                                                                                                                   |
| 6413 Office Furn & Equip       | -                 | 1,500              | 1,500              | -                   | -                                  | -                                | (1,500)                                       | (100%)                                                             |                                                                                                                                                                                                                   |
| 6416 Vehicles                  | 20,388            | 90,000             | 90,000             | 118,459             | -                                  | -                                | (90,000)                                      | (100%)                                                             |                                                                                                                                                                                                                   |
| 6499 Other Equipment           | 101,354           | 27,000             | 27,000             | 15,700              | 27,000                             | 27,000                           | -                                             | 0%                                                                 | EMS Detail Cart Replacement Funding                                                                                                                                                                               |
| <b>Capital Outlay</b>          | <b>121,742</b>    | <b>118,500</b>     | <b>118,500</b>     | <b>134,159</b>      | <b>27,000</b>                      | <b>27,000</b>                    | <b>(91,500)</b>                               | <b>(77%)</b>                                                       |                                                                                                                                                                                                                   |
| <b>Division Total</b>          | <b>13,351,636</b> | <b>13,513,583</b>  | <b>13,544,058</b>  | <b>13,944,057</b>   | <b>14,776,086</b>                  | <b>14,531,135</b>                | <b>1,017,552</b>                              | <b>8%</b>                                                          |                                                                                                                                                                                                                   |

# Fire-Rescue - Expenditures

| Subobject                            | FY 2018 Actual    | FY 2019 Adopted   | FY 2019 Amended   | FY 2019 Estimate  | FY 2020 Department Requested | FY 2020 Budget Recommended | FY 2019 Adopted vs. FY 2020 Recommended | FY 2019 Adopted vs. FY 2020 Recommended (% Different) | Basis of Expense                                                                                                                                              |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|------------------------------|----------------------------|-----------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | 29,877,344        | 29,997,274        | 29,997,274        | 29,768,592        | 33,115,706                   | 33,115,706                 | 3,118,432                               | 10%                                                   | Includes the 75th Percentile differential                                                                                                                     |
| 1104 Temporary Salaries              | -                 | 280,000           | 280,000           | -                 | 294,000                      | 294,000                    | 14,000                                  | 5%                                                    |                                                                                                                                                               |
| 1107 Part Time Salaries              | 301,102           | -                 | -                 | 320,213           | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 1110 Sick Conv to Cash               | 47,013            | 40,000            | 40,000            | 40,000            |                              |                            | (40,000)                                | (100%)                                                |                                                                                                                                                               |
| 1113 Vac Mgmt Conv                   | 26,962            | 25,000            | 25,000            | 25,000            |                              |                            | (25,000)                                | (100%)                                                |                                                                                                                                                               |
| 1116 Comp Absences                   | (2,306)           | -                 | -                 | -                 | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 1119 Payroll Accrual                 | 28,839            | -                 | -                 | -                 | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 1199 Other Reg Salaries              | -                 | 581,983           | 581,983           | 581,983           | 651,571                      | 651,571                    | 69,588                                  | 12%                                                   | Includes the 75th Percentile differential                                                                                                                     |
| 1201 Longevity Pay                   | 432,406           | 444,906           | 444,906           | 442,799           | 427,056                      | 427,056                    | (17,850)                                | (4%)                                                  |                                                                                                                                                               |
| 1304 Assignment Pay                  | 3,888,985         | 4,122,946         | 4,122,946         | 3,972,776         | 4,627,746                    | 4,627,746                  | 504,800                                 | 12%                                                   | Includes the 75th Percentile differential                                                                                                                     |
| 1307 P&F Incentive Pay               | 171,540           | 171,480           | 171,480           | 168,600           | 167,880                      | 167,880                    | (3,600)                                 | (2%)                                                  |                                                                                                                                                               |
| 1316 Upgrade Pay                     | 1,009,255         | 1,097,365         | 1,097,365         | 1,035,520         | 1,178,187                    | 1,178,187                  | 80,822                                  | 7%                                                    |                                                                                                                                                               |
| 1401 Car Allowances                  | 50,750            | 51,000            | 51,000            | 48,800            | 51,840                       | 51,840                     | 840                                     | 2%                                                    |                                                                                                                                                               |
| 1404 Clothing Allowances             | 36,600            | 38,200            | 38,200            | 35,400            | 36,200                       | 36,200                     | (2,000)                                 | (5%)                                                  |                                                                                                                                                               |
| 1407 Expense Allowances              | -                 | -                 | -                 | 702               | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 1413 Cellphone Allowance             | 5,060             | 7,920             | 7,920             | -                 | -                            | -                          | (7,920)                                 | (100%)                                                |                                                                                                                                                               |
| 1501 Overtime 1.5X Pay               | 686,072           | 846,825           | 846,825           | 1,450,450         | 1,064,336                    | 1,064,336                  | 217,511                                 | 26%                                                   | Includes the 75th Percentile differential                                                                                                                     |
| 1504 Overtime 1X Pay                 | 53,488            | 422,605           | 422,605           | 81,430            | 531,153                      | 531,153                    | 108,548                                 | 26%                                                   | Includes the 75th Percentile differential                                                                                                                     |
| 1701 Retirement Gifts                | 250               | 500               | 500               | 900               | 500                          | 500                        | -                                       | 0%                                                    |                                                                                                                                                               |
| 1707 Sick Termination Pay            | 13,145            | -                 | -                 | 2,345             | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 1710 Vacation Term Pay               | 12,296            | -                 | -                 | 18,834            | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 1799 Other Term Pay                  | -                 | 25,048            | 25,048            | 25,048            | 62,804                       | 62,804                     | 37,756                                  | 151%                                                  |                                                                                                                                                               |
| 1801 Core Adjustments                | -                 | 1,675,570         | 1,675,570         | 1,675,570         | 1,675,570                    | 711,995                    | (963,575)                               | (58%)                                                 | April 75th Percentile assumption                                                                                                                              |
| 2104 Mileage Reimburse               | 339               | 100               | 100               | 100               | 300                          | 300                        | 200                                     | 200%                                                  |                                                                                                                                                               |
| 2119 Wellness Incentives             | 5,000             | -                 | -                 | -                 | -                            | 58,000                     | 58,000                                  | 0%                                                    |                                                                                                                                                               |
| 2207 Pension - Police & Fire         | 7,854,754         | 7,220,641         | 7,220,641         | 7,220,641         | 7,248,138                    | 7,248,138                  | 27,497                                  | 0%                                                    |                                                                                                                                                               |
| 2299 Pension - Def Cont              | -                 | -                 | -                 | 16,373            | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 2301 Soc Sec/Medicare                | 2,669,101         | 2,816,248         | 2,816,248         | 2,709,346         | 2,986,041                    | 2,986,041                  | 169,793                                 | 6%                                                    | Includes the 75th Percentile differential                                                                                                                     |
| 2304 Supplemental Fica               | -                 | -                 | -                 | -                 | 22,491                       | 22,491                     | 22,491                                  | 0%                                                    |                                                                                                                                                               |
| 2307 Year End FICA Accr              | 3,575             | -                 | -                 | -                 | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                               |
| 2402 Life Insurance                  | -                 | -                 | -                 | -                 | 21,344                       | 21,344                     | 21,344                                  | 0%                                                    |                                                                                                                                                               |
| 2404 Health Insurance                | 3,091,819         | 3,308,461         | 3,308,461         | 3,308,461         | 3,605,771                    | 3,605,771                  | 297,310                                 | 9%                                                    |                                                                                                                                                               |
| 2410 Workers' Comp                   | 1,611,625         | 2,198,160         | 2,198,160         | 2,198,160         | 2,198,160                    | 2,198,160                  | -                                       | 0%                                                    |                                                                                                                                                               |
| 9237 Transfer To Special Obligations | 8,013,383         | 8,006,136         | 8,006,136         | 8,006,136         | 8,165,677                    | 8,165,677                  | 159,541                                 | 2%                                                    |                                                                                                                                                               |
| <b>Personal Services</b>             | <b>59,888,396</b> | <b>63,378,368</b> | <b>63,378,368</b> | <b>63,154,179</b> | <b>68,132,471</b>            | <b>67,226,896</b>          | <b>3,848,528</b>                        | <b>6%</b>                                             |                                                                                                                                                               |
| 3113 Fin & Bank Serv                 | 407,877           | 425,000           | 425,000           | 425,811           | 425,000                      | 425,000                    | -                                       | 0%                                                    | Intermedix/ADPI funding for the billing and collection of EMS Transport Fee Revenues, Lock Box and Credit Card Payment Charges                                |
| 3125 Medical Services                | 179,195           | 333,000           | 333,000           | 333,000           | 333,000                      | 333,000                    | -                                       | 0%                                                    | LifeScan and Wellness Program Funding, Balance of Funding For Random Drug Testing, Fit for Duty, HazMat Entrance/Exit Physicals, Dive Rescue Annual Physicals |
| 3198 Backflow Program                | -                 | 3,435             | 3,435             | 3,435             | 3,435                        | 3,435                      | -                                       | 0%                                                    | Funding is for the Fire-Rescue departments allocation of the backflow prevention program.                                                                     |
| 3199 Other Prof Serv                 | 247,365           | 150,000           | 150,000           | 150,000           | 150,000                      | 150,000                    | -                                       | 0%                                                    | Allocating \$50,000 for medical director contract and \$100,000 for Public Emergency Medical Transport (PEMT) consultant services.                            |
| 3201 Ad/Marketing                    | 1,579             | 1,000             | 1,000             | 1,000             | 1,500                        | 1,500                      | 500                                     | 50%                                                   | Funding for the advertising of Fire Assessment Fee updates.                                                                                                   |
| 3207 Laundry Services                | -                 | 250               | 250               | 250               | -                            | -                          | (250)                                   | (100%)                                                | This expense is for linens and cleaning of Bunker Gear for Operations.                                                                                        |
| 3216 Costs/Fees/Permits              | 49,688            | 50,200            | 50,200            | 50,200            | 50,250                       | 50,200                     | -                                       | 0%                                                    | This expense is for Broward County Property Appraiser - Fire Assessment Fee processing and Advanced Life Support Licensing Fees.                              |

# Fire-Rescue - Expenditures

| Subobject                    | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3222 Custodial Services      | 310               | 2,000              | 2,000              | 2,000               | 2,000                              | 2,000                            | -                                                | 0%                                                                | Custodial services for 2 Fire Stations for pressure washing services                                                                                                                                                                                                                                                                                                                              |
| 3231 Food Services           | 6,030             | 5,500              | 5,500              | 5,500               | 6,000                              | 6,000                            | 500                                              | 9%                                                                | Funding to provide water and Gatorade to first responders.                                                                                                                                                                                                                                                                                                                                        |
| 3237 Lawn & Tree Service     | 29,677            | 10,000             | 10,000             | 10,764              | 35,380                             | 35,380                           | 25,380                                           | 254%                                                              | Lawn & Tree Service for Fire Stations (Operations)'s City Contracted Vendor.                                                                                                                                                                                                                                                                                                                      |
| 3255 Solid Waste Collections | 2,118             | 2,195              | 2,195              | 2,195               | 2,195                              | 2,195                            | -                                                | 0%                                                                | This expense is for the removal of Bio- Hazardous waste disposal for Fire Stations.                                                                                                                                                                                                                                                                                                               |
| 3299 Other Services          | 53,711            | 60,250             | 60,250             | 60,250              | 55,250                             | 55,250                           | (5,000)                                          | (8%)                                                              | Primary Expense is for the 3rd Party Debt Collection Service (EMS Transport Fees), also includes Pest Control Services @ 10 Fire Stations, and Disposal of Expired Medications                                                                                                                                                                                                                    |
| 3304 Office Equip Rent       | 270               | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                | Copier leases at certain Fire Stations.                                                                                                                                                                                                                                                                                                                                                           |
| 3307 Vehicle Rental          | 855               | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                                | 0%                                                                | Vehicle Rental expense for large special events (Air Show/Tortuga Festival, etc.)                                                                                                                                                                                                                                                                                                                 |
| 3310 Other Equip Rent        | 3,021             | 2,000              | 2,000              | 2,000               | 3,000                              | 3,000                            | 1,000                                            | 50%                                                               | This is expense is for equipment rental needed for Fire Operations.                                                                                                                                                                                                                                                                                                                               |
| 3401 Computer Maint          | 33,199            | -                  | -                  | -                   | 35,000                             | -                                | -                                                | 0%                                                                | This funding request was for the Tablet Command Annual Maintenance.                                                                                                                                                                                                                                                                                                                               |
| 3404 Components/Parts        | 23,670            | 10,000             | 10,000             | 10,000              | 25,000                             | 25,000                           | 15,000                                           | 150%                                                              | This expense is for components/parts for Operation's equipment. Equipment includes components/parts for the Fire Boat, Dive Rescue, Bunker Gear, Self- Contained Breathing Apparatus's (SCBAs), Fire Station Generators and Pneumatic fittings, hose nozzles, and miscellaneous items.                                                                                                            |
| 3407 Equip Rep & Maint       | 267,817           | 261,000            | 261,000            | 261,000             | 262,500                            | 261,000                          | -                                                | 0%                                                                | This expense is for the equipment repair & maintenance for equipment used by Operations. (Lifepak 15's, Lucas Devices, Technical Rescue Team (TRT) Equipment, Self-Contained Breathing Apparatus (SCBA), Air Compressors, Fire Boats, Annual Fire Systems/Fire Alarm Inspections at individual Fire Stations, Bunker Gear inspections/repair, and repairs to appliances within each Fire Station. |
| 3425 Bldg Rep Materials      | 1,592             | -                  | -                  | 202                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3428 Bldg Rep & Maint        | 27,862            | 50,000             | 50,000             | 50,000              | 50,500                             | 30,000                           | (20,000)                                         | (40%)                                                             | Anticipated Expense for Improvements and Maintenance Charges to Maintain 10 Fire Stations (Services Not Provided by Parks & Recreation)                                                                                                                                                                                                                                                           |
| 3434 Imp Rep Materials       | 3,215             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3601 Electricity             | 280,745           | 305,300            | 305,300            | 305,300             | 286,387                            | 286,387                          | (18,913)                                         | (6%)                                                              | Utility Expense for 10 Fire Stations                                                                                                                                                                                                                                                                                                                                                              |
| 3607 Nat/Propane Gas         | 22,554            | 26,250             | 26,250             | 26,084              | 23,750                             | 23,750                           | (2,500)                                          | (10%)                                                             | Utility Expense for 10 Fire Stations                                                                                                                                                                                                                                                                                                                                                              |
| 3613 Special Delivery        | 56                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3628 Telephone/Cable Tv      | 84,424            | 53,400             | 53,400             | 53,400              | 84,500                             | 84,500                           | 31,100                                           | 58%                                                               | Verizon Wireless - MDT's and Operational and Administrative Cellphones (Department Paid), Increased Expense for FY19 offset by a FY20 Reduction in Cellphone and Expense Allowance in Character 10 Expenses                                                                                                                                                                                       |
| 3634 Water/Sew/Storm         | 152,020           | 142,750            | 142,750            | 142,750             | 167,602                            | 167,602                          | 24,852                                           | 17%                                                               | Utility Expense for 10 Fire Stations - Based on Historicals                                                                                                                                                                                                                                                                                                                                       |



# Fire-Rescue - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3799 Other Chemicals            | 17,447            | 21,000             | 21,000             | 21,000              | 21,000                             | 21,000                           | -                                                | 0%                                                                | Other Chemicals - Fire Suppression Foam and certain chemicals used by Hazard Materials Team.                                                                                                                                                                                                                                                                                    |
| 3801 Gasoline                   | 18,347            | 18,835             | 18,835             | 18,835              | 19,097                             | 19,097                           | 262                                              | 1%                                                                | Fuel charges for assigned Operation vehicles. Decrease based on current year consumption.                                                                                                                                                                                                                                                                                       |
| 3804 Diesel Fuel                | 300,609           | 359,930            | 359,930            | 359,930             | 335,840                            | 335,840                          | (24,090)                                         | (7%)                                                              | The budgeted expense relates to all Fire Administrative vehicles (as well as the Fire Boat) including Fire Administration, Ocean Rescue, Emergency Management, EMS Administration, Training & Special Operations, Fire Prevention, and Support Services.                                                                                                                        |
| 3807 Oil & Lubricants           | 3,877             | 1,000              | 1,000              | 1,984               | 4,000                              | -                                | (1,000)                                          | (100%)                                                            |                                                                                                                                                                                                                                                                                                                                                                                 |
| 3904 Books & Manuals            | 452               | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
| 3907 Data Proc Supplies         | 23,643            | 25,000             | 25,000             | 25,000              | 25,000                             | 25,000                           | -                                                | 0%                                                                | Data processing supplies for Operations software applications                                                                                                                                                                                                                                                                                                                   |
| 3910 Electrical Supplies        | 1,367             | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                | Electrical supplies for individual Fire Stations.                                                                                                                                                                                                                                                                                                                               |
| 3913 Horticultural Sup          | 80                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
| 3916 Janitorial Supplies        | 58,872            | 50,000             | 50,000             | 50,000              | 55,000                             | 55,000                           | 5,000                                            | 10%                                                               | Janitorial supplies for individual Fire Stations.                                                                                                                                                                                                                                                                                                                               |
| 3922 Medical Supplies           | 496,027           | 450,000            | 450,000            | 450,000             | 480,000                            | 480,000                          | 30,000                                           | 7%                                                                | This expense is for medical supplies for Fire Stations relating to EMS.                                                                                                                                                                                                                                                                                                         |
| 3925 Office Equip < \$5000      | 20,481            | 3,000              | 3,000              | 3,000               | 5,000                              | 5,000                            | 2,000                                            | 67%                                                               | This expense is for office equipment at individual fire stations.                                                                                                                                                                                                                                                                                                               |
| 3926 Furniture <\$5000          | -                 | 2,000              | 2,000              | 2,000               | 2,000                              | 2,000                            | -                                                | 0%                                                                | Office Furniture Replacement for 10 Fire Stations                                                                                                                                                                                                                                                                                                                               |
| 3928 Office Supplies            | 16,311            | 15,000             | 15,000             | 15,000              | 15,000                             | 15,000                           | -                                                | 0%                                                                | Office Supplies for 10 Fire Stations                                                                                                                                                                                                                                                                                                                                            |
| 3940 Safety Shoes               | 14,350            | 15,000             | 15,000             | 15,000              | 15,000                             | 15,000                           | -                                                | 0%                                                                | Shoes for 120 employees at \$125 per pair.                                                                                                                                                                                                                                                                                                                                      |
| 3946 Tools/Equip < \$5000       | 178,291           | 300,000            | 300,000            | 299,999             | 200,000                            | 200,000                          | (100,000)                                        | (33%)                                                             | This expense is for tools & equipment for Operations (Apparatus and Specialty Teams).                                                                                                                                                                                                                                                                                           |
| 3949 Uniforms                   | 267,605           | 285,000            | 285,000            | 285,000             | 250,000                            | 250,000                          | (35,000)                                         | (12%)                                                             | The expense includes annual allocations for uniform (Work and Dress), bunker gear, and body armor replacements for community builders.                                                                                                                                                                                                                                          |
| 3999 Other Supplies             | 106,218           | 95,000             | 95,000             | 95,000              | 100,000                            | 95,000                           | -                                                | 0%                                                                | Fire Station Expenses- Miscellaneous supplies for Fire Operations including keys, gloves, safety glasses, SCBA masks, flashlights, batteries, and dive masks/fins/straps.                                                                                                                                                                                                       |
| 4101 Certification Train        | 3,988             | 2,000              | 2,000              | 2,000               | 3,500                              | -                                | (2,000)                                          | (100%)                                                            | The primary expense relates to the Training and Special Operations bureau for annual facility training certifications and new hire training classes. Additional expenses are related to annual Advanced Cardiac Life Support, Basic Life Support, Pediatric Advanced Life Support, and American Heart Association certifications, Fire Origin and Investigation certifications. |
| 4104 Conferences                | 12,411            | 5,000              | 5,000              | 5,000               | 10,000                             | -                                | (5,000)                                          | (100%)                                                            | Conferences for Fire Operations community builders.                                                                                                                                                                                                                                                                                                                             |
| 4107 Investigative Trips        | 1,077             | -                  | -                  | 1,045               | 1,000                              | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
| 4110 Meetings                   | -                 | 1,000              | 1,000              | -                   | -                                  | -                                | (1,000)                                          | (100%)                                                            | Fire Operations personnel attending meetings outside the City limits                                                                                                                                                                                                                                                                                                            |
| 4113 Memberships/Dues           | 269               | -                  | -                  | -                   | 300                                | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
| 4119 Training & Travel          | -                 | -                  | -                  | -                   | -                                  | 39,400                           | 39,400                                           | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
| 4212 PPS - Post Retirement Step | -                 | 641,156            | 641,156            | 641,156             | 748,582                            | 748,582                          | 107,426                                          | 17%                                                               |                                                                                                                                                                                                                                                                                                                                                                                 |
| 4299 Other Contributions        | 3,712,574         | 3,448,598          | 3,448,598          | 3,448,598           | 3,712,574                          | 3,712,574                        | 263,976                                          | 8%                                                                | Chapter 175 fees. Expense offset by A501 Revenue                                                                                                                                                                                                                                                                                                                                |
| 4308 Overhead-Fleet             | 307,344           | 554,258            | 554,258            | 554,258             | 554,258                            | 554,258                          | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
| 4343 Servchg-Info Sys           | 2,821,596         | 2,931,073          | 2,931,073          | 2,931,073           | 2,931,073                          | 2,931,073                        | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
| 4346 Servchg-Pking Sys          | 470               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |

## Fire-Rescue - Expenditures

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------|
| 4355 Servchg-Print Shop        | 704               | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                                | 0%                                                                |                  |
| 4361 Servchg-Pub Works         | 7,716             | 10,000             | 10,000             | 10,000              | 10,000                             | 10,000                           | -                                                | 0%                                                                |                  |
| 4372 Servchg-Fleet Replacement | 2,075,919         | 2,413,832          | 2,413,832          | 2,413,832           | 2,301,048                          | 2,301,048                        | (112,784)                                        | (5%)                                                              |                  |
| 4373 Servchg-Fleet O&M         | 1,100,562         | 1,772,211          | 1,772,211          | 1,772,212           | 1,798,700                          | 1,798,700                        | 26,489                                           | 1%                                                                |                  |
| 4374 Servchg-Non Fleet         | 34,336            | 17,500             | 17,500             | 17,500              | 25,000                             | 17,500                           | -                                                | 0%                                                                |                  |
| 4401 Auto Liability            | 132,880           | 133,387            | 133,387            | 133,387             | 133,387                            | 133,387                          | -                                                | 0%                                                                |                  |
| 4407 Emp Proceedings           | 77,780            | 126,307            | 126,307            | 126,307             | 126,307                            | 126,307                          | -                                                | 0%                                                                |                  |
| 4410 General Liability         | 179,964           | 226,942            | 226,942            | 226,942             | 226,942                            | 226,942                          | -                                                | 0%                                                                |                  |
| 4416 Other Ins Charges         | 174,704           | 322,047            | 322,047            | 322,047             | 322,047                            | 322,047                          | -                                                | 0%                                                                |                  |
| 4422 Pol/Fire AD&D             | 10,303            | 12,469             | 12,469             | 12,469              | 12,469                             | 12,469                           | -                                                | 0%                                                                |                  |
| 4428 Prop/Fire Insurance       | -                 | 244,972            | 244,972            | 244,972             | 244,972                            | 244,972                          | -                                                | 0%                                                                |                  |
| 4431 Pub Officials Liab        | 6,669             | 11,104             | 11,104             | 11,104              | 11,104                             | 11,104                           | -                                                | 0%                                                                |                  |
| 5604 Writeoff A/R & Other      | (56,676)          | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| <b>Operating Expenses</b>      | <b>14,007,417</b> | <b>16,411,651</b>  | <b>16,411,651</b>  | <b>16,414,291</b>   | <b>16,705,949</b>                  | <b>16,656,999</b>                | <b>245,348</b>                                   | <b>1%</b>                                                         |                  |
| 6405 Computer Software         | 18,743            | -                  | -                  | 36,483              | -                                  | -                                | -                                                | 0%                                                                |                  |
| 6416 Vehicles                  | 289,052           | 60,000             | 60,000             | 24,000              | -                                  | -                                | (60,000)                                         | (100%)                                                            |                  |
| 6499 Other Equipment           | 5,490             | 645,000            | 645,000            | 615,959             | -                                  | -                                | (645,000)                                        | (100%)                                                            |                  |
| <b>Capital Outlay</b>          | <b>313,285</b>    | <b>705,000</b>     | <b>705,000</b>     | <b>676,442</b>      | <b>-</b>                           | <b>-</b>                         | <b>(705,000)</b>                                 | <b>(100%)</b>                                                     |                  |
| <b>Division Total</b>          | <b>74,209,098</b> | <b>80,495,019</b>  | <b>80,495,019</b>  | <b>80,244,912</b>   | <b>84,838,420</b>                  | <b>83,883,895</b>                | <b>3,388,876</b>                                 | <b>4%</b>                                                         |                  |



# Community Investment Plan (CIP)





# SOUTHEAST EMERGENCY MEDICAL SUB-STATION

## PROJECT#: 12328

**Project Mgr:** DFC Robert Bacic x6888  
**Department:** Fire-Rescue  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☒ II ☐ III ☒ IV  
**Address:** South Federal Highway  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** To construct an Emergency Medical Sub-Station located on/about Federal Highway south of Broward Boulevard to address the need for additional Emergency Medical Services to the downtown district and the areas along south Federal Highway.

**Justification:** The Fire Department has identified that the service areas south of Broward Boulevard along the Federal Highway corridor and being underserved from a "Response Time" perspective. In that the "Response Time for the First Arriving Unit" is one of the most critical measurement that impacts the outcome of a patient during a medical response, it is critical that the City address the identified and known deficiencies to decrease response times that will improve patient outcomes.

At the June 7th Joint City Commission workshop with the Fire Bond Committee, the City Commission authorized the inclusion of a \$3M capital outlay for the acquisition of land (\$1M) and the construction (\$2M) for a Southeast Emergency Medical Sub-Station in the FY2018 budget to address these issues.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$    | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|-----------------|--------------------|---------|---------|---------|---------|-----------------------|--------------------|
| <i>CIP - General Fund   LAND ACQUISITION</i>      |       |                 |                    |         |         |         |         |                       |                    |
| 331                                               | 6504  |                 | \$1,000,000        |         |         |         |         |                       | \$1,000,000        |
| <i>CIP - General Fund   CONSTRUCTION</i>          |       |                 |                    |         |         |         |         |                       |                    |
| 331                                               | 6599  |                 | \$2,000,000        |         |         |         |         |                       | \$2,000,000        |
| <i>CIP - General Fund   OTHER EQUIPMENT</i>       |       |                 |                    |         |         |         |         |                       |                    |
| 331                                               | 6499  |                 |                    |         |         |         |         |                       | \$0                |
| <i>CIP - General Fund   LAND ACQUISITION</i>      |       |                 |                    |         |         |         |         |                       |                    |
| 331                                               | 6504  |                 |                    |         |         |         |         |                       | \$0                |
| <i>CIP - General Fund   ENGINEERING FEES</i>      |       |                 |                    |         |         |         |         |                       |                    |
| 331                                               | 6534  | \$28,610        |                    |         |         |         |         |                       | \$28,610           |
| <i>CIP - General Fund   PROJECT CONTINGENCIES</i> |       |                 |                    |         |         |         |         |                       |                    |
| 331                                               | 6598  |                 |                    |         |         |         |         |                       | \$0                |
| <i>CIP - General Fund   CONSTRUCTION</i>          |       |                 |                    |         |         |         |         |                       |                    |
| 331                                               | 6599  |                 |                    |         |         |         |         |                       | \$0                |
| Total Fund 331:                                   |       | \$28,610        | \$3,000,000        |         |         |         |         |                       | \$3,028,610        |
| <b>GRAND TOTAL:</b>                               |       | <b>\$28,610</b> | <b>\$3,000,000</b> |         |         |         |         |                       | <b>\$3,028,610</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022         | FY 2023         | FY 2024         | BEYOND 5-YEAR HORIZON | TOTAL FUNDING   |
|-------------------------------------|--------------|---------|---------|-----------------|-----------------|-----------------|-----------------------|-----------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |                 |                 |                 |                       |                 |
| CHAR 30                             |              |         |         | \$27,000        | \$27,810        | \$28,644        |                       | \$83,454        |
| <b>TOTAL</b>                        |              |         |         | <b>\$27,000</b> | <b>\$27,810</b> | <b>\$28,644</b> |                       | <b>\$83,454</b> |

**Comments:** Operating cost estimate is for Utilities expenses @ \$3.00/square foot for Electric, Water, & Natural Gas

### Cost Estimate Justification:

The estimated construction costs were based on a 2 Bay/7 Bunk facility with an estimated 8239 square foot structure. The Fire Department continues to look into the possibilities of a Public/Private partnership to reduce the costs of construction and land acquisition.

| Strategic Connections: |                                                                                                                | Quarters To Perform Each Task: |   |
|------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------|---|
| Cylinder:              | Public Safety                                                                                                  | Initiation / Planning:         | 1 |
| Strategic Goals:       | Be the safest urban coastal City in South Florida through preventive and responsive police and fire protection | Design / Permitting:           | 1 |
| Objectives:            | Provide quick and exceptional fire, medical, and emergency response                                            | Bidding / Award:               | 2 |
|                        |                                                                                                                | Construction / Closeout:       | 4 |



# LIFEGUARD TOWER REPLACEMENTS

## PROJECT#: FY 20160452

**Project Mgr:** DFC Robert Basic x6888  
**Department:** Fire-Rescue  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Fort Lauderdale Beach Boulevard - A1A  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** The Fort Lauderdale Fire Rescue Department is requesting to fund a replacement plan for existing Lifeguard towers.

The Fort Lauderdale Ocean Rescue Division covers three miles of public beach with twenty lifeguard towers spaced approximately 265 yards apart.

**Justification:** Of the 20 towers, 13 are the modern Apex lifeguard towers that are manufactured in California. These towers were designed specifically for lifeguards and meet all of the criteria of a modern lifeguard tower. The assumed life expectancy of a lifeguard tower is generally 10-15 years.

Four of the lifeguard towers (first generation) were built in the mid 1980's, and were of poor design to begin with. The windows are at a 90 degree angle which causes a reflection making it very difficult for the lifeguard to survey the people in the ocean. Along with the reflection, the corner posts are very thick and cause an unnecessary obstructed view of the ocean.

Three of the towers (second generation) were built in the early 1990's. These are improved design with tilted windows to lessen the reflection, and a narrower corner post to decrease the obstructed view of the ocean. These towers are also showing severe signs of wear and tear due to the harsh environment.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Fire

### Project Funding Summary:

| SOURCE                                      | USAGE | AVAILABLE \$     | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------|-------|------------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>CIP - General Fund   OTHER EQUIPMENT</i> |       |                  |         |         |         |         |         |                             |                  |
| 331                                         | 6499  | \$209,272        |         |         |         |         |         | \$221,744                   | \$209,272        |
| Total Fund 331:                             |       | \$209,272        |         |         |         |         |         | \$221,744                   | \$209,272        |
| <b>GRAND TOTAL:</b>                         |       | <b>\$209,272</b> |         |         |         |         |         | <b>\$221,744</b>            | <b>\$209,272</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Funding estimate is based on the replacement of four (4) lifeguard towers in FY 2020, three (3) lifeguard towers in FY2025. The cost estimate is based on current replacement costs with an annual inflationary index of 4% per year. The Fire Department is requesting to replace the oldest seven (7) towers first and begin a phased replacement plan of two (2) lifeguard towers every other year moving forward.

### Strategic Connections:

**Cylinder:** Public Safety

**Strategic Goals:** Be the safest urban coastal City in South Florida through preventive and responsive police and fire protection

**Objectives:** Provide quick and exceptional fire, medical, and emergency response

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## FIRE STATION SECURITY UPGRADES

**PROJECT#: FY 20190783**

**Project Mgr:** DFC Robert Bacic x6888  
**Department:** Fire-Rescue  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** All Existing Fire Stations  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** The Fire Department is requesting to upgrade the security and surveillance cameras for all of the existing Fire Stations. It is the Fire Department's request to upgrade the existing analogue technology to a digital platform that is consistent with the city-wide security initiative for all City facilities. The project scope would be to replace all current security and surveillance cameras to a digital technology and have a central monitoring and data collection with the Police headquarters.

**Justification:** In lieu of recent Local and National events, the security of our City facilities is of utmost importance. Our operations personnel inhabit our Fire Stations twenty-four (24) hours per day, 365 days per year.

In that our operations personnel are often out of the Fire Stations responding to emergency incidents, many of our Fire Stations remain vacant during these responses. This creates a vulnerable weakness for our Fire personnel. The Fire Department has had several incidents, in the recent past, in which the parking lots have been illegally accessed and Fire personnel property has been vandalized and items stolen.

The majority of the existing technology in the current stations are based on an outdated analogue system. Each Fire Station current has a single point of data collection within the complex.

A recent review of many of the stations has alerted us to the fact that many of our equipment is either failing or completely inoperable.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                               | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| CIP - General Fund   OTHER EQUIPMENT |       |              |         |         |         |         |         |                             |                  |
| 331                                  | 6499  |              |         |         |         |         |         | \$150,000                   | \$0              |
| Total Fund 331:                      |       |              |         |         |         |         |         | \$150,000                   | \$0              |
| <b>GRAND TOTAL:</b>                  |       |              |         |         |         |         |         | <b>\$150,000</b>            | <b>\$0</b>       |

**Comments:** Initial estimates are based on the replacement and configuration of existing equipment.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

### Strategic Connections:

**Cylinder:** Internal Support

**Strategic Goals:** Be a leader government organization, managing resources wisely and sustainably

**Objectives:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1





# FIRE RESCUE - SINGER BUILDING RENOVATION

**PROJECT#: FY20100234**

**Project Mgr:** DFC Robert Bacic x6888  
**Department:** Fire-Rescue  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 2000 NE 16 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** The Fire Rescue Department requests funding to renovate the existing facility known as the Singer Building, located at 2002 NE 16th St., Ft. Lauderdale, FL. The current square footage of the building is approximately 4000 sq. feet. This renovation will include the upgrade/renovation/replacement of the electrical, Heating Ventilation and Air Conditioning (HVAC), communications/audio visual systems and will meet Americans with Disabilities Act (ADA) compliance standards. The renovation will include modifications to existing structure to accommodate offices, work stations, and meeting room facilities.

**Justification:** This facility is owned and operated by the Fire Department. This facility has been vacated for in excess of 5 years. The intention is to renovate this facility from its current state of disrepair. To also bring this facility up to current building codes so that it will be available for occupancy for Fire Rescue staffing needs.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** CityFacilities

## Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>CIP - General Fund   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 331                                      | 6599  |              |         |         |         |         |         | \$1,500,000                 | \$0              |
| Total Fund 331:                          |       |              |         |         |         |         |         | \$1,500,000                 | \$0              |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         |         |         | <b>\$1,500,000</b>          | <b>\$0</b>       |

**Comments:** The cost estimate is based on discussions previously with the Public Works Department regarding the necessary modifications and rehabilitation of the existing facility to meet current needs.

## Impact On Operating Budget:

| IMPACT                             | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./Dec.) Operating Costs</i> |              |         |         |         |         |         |                             |                  |
| CHAR 30                            |              |         |         |         |         |         | \$5,000                     | \$0              |
| <b>TOTAL</b>                       |              |         |         |         |         |         | <b>\$5,000</b>              | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

The final cost estimate would be dependent on a detailed analysis of the needs to rehabilitate the facility into an occupant status. There is extensive work needed to the facility. A final determination will need to be made in what the final intention and disposition on this property is to be. The City Commission will need to determine whether to market the facility for sale or as functional asset.

## Strategic Connections:

**Cylinder:** Public Safety

**Strategic Goals:** Be well-prepared for and responsive to all hazards

**Objectives:** Provide and effectively communicate comprehensive emergency management planning and disaster recovery

## Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 3



# FIRE RESCUE - OCEAN RESCUE HEADQUARTERS

## PROJECT#: FY20110052

**Project Mgr:** DFC Robert Basic x6888  
**Department:** Fire-Rescue  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** To Be Determined  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** To construct a fully functional, independent building to support Ocean Rescue services. Particular needs include state of the art classrooms, locker rooms with bathrooms and showers, kitchen, office space, a secure area for supervisory vehicles and rescue apparatus and parking spaces. This headquarters would be ideally placed in a location where the ocean is directly visible.

**Justification:** Since the early 1960's, the Fort Lauderdale Fire Department/ Ocean Rescue Division has operated out of a very old and undersized headquarters, which is located under the bleachers of the Swimming Hall of Fame Complex. At the time of this submission, the Ocean Rescue staff has been relocated to a temporary facility within Fire Station 13. This relocation is not a long-term, functional option for our Ocean Rescue bureau. Ideally, a new facility could be built so that we could respond to both beach-side and street-side water rescues and emergency medical calls. This would lead to faster response times and better patient survival rates. This facility would also accommodate essential training efforts as well as improve retention/recruitment efforts for the bureau. The project has been supported by the Fire Rescue Feasibility study that was completed and submitted to the City Commission in 2010.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Fire

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>CIP - General Fund   ENGINEERING FEES</i>      |       |              |         |         |         |         |         |                       |               |
| 331                                               | 6534  |              |         |         |         |         |         | \$597,542             | \$0           |
| <i>CIP - General Fund   CONSTRUCTION</i>          |       |              |         |         |         |         |         |                       |               |
| 331                                               | 6599  |              |         |         |         |         |         | \$3,319,680           | \$0           |
| <i>CIP - General Fund   PROJECT CONTINGENCIES</i> |       |              |         |         |         |         |         |                       |               |
| 331                                               | 6598  |              |         |         |         |         |         | \$829,920             | \$0           |
| <i>CIP - General Fund   LAND ACQUISITION</i>      |       |              |         |         |         |         |         |                       |               |
| 331                                               | 6504  |              |         |         |         |         |         | \$1,000,000           | \$0           |
| Total Fund 331:                                   |       |              |         |         |         |         |         | \$5,747,142           | \$0           |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$5,747,142</b>    | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020    | FY 2021    | FY 2022    | FY 2023    | FY 2024    | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------|--------------|------------|------------|------------|------------|------------|-----------------------|---------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |            |            |            |            |            |                       |               |
| CHAR 30                             | \$0          | \$0        | \$0        | \$0        | \$0        | \$0        | \$25,000              | \$0           |
| <b>TOTAL</b>                        | <b>\$0</b>   | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b> | <b>\$25,000</b>       | <b>\$0</b>    |

**Comments:** Operating costs are based on a "per square foot basis" as determined by an allocation of departmental costs for electricity, water/sewer, & natural gas service. (Living/Office Space Only).

### Cost Estimate Justification:

### Strategic Connections:

**Cylinder:** Public Safety

**Strategic Goals:** Be the safest urban coastal City in South Florida through preventive and responsive police and fire protection

**Objectives:** Provide quick and exceptional fire, medical, and emergency response

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



## PUBLIC SAFETY TRAINING FACILITY

### PROJECT#: FY20130190

**Project Mgr:** DFC Robert Bacic x6888  
**Department:** Fire-Rescue  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Old FS#88 NW 21st Ave/NW 64th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** To build a Public Safety training facility that will enable the City to meet the training needs of all Fort Lauderdale Public Safety entities. This facility will include, but is not limited to the following: Office/Classroom space, a Drill Field, Live Burn/Tactical/Confined Space props, gas field, Fire-Rescue training tower, Driver training course, and a sufficient parking space. This building will be a one story station with 2-3 bays modeled after the same design and layout of the newly constructed Fire Station 46. All common areas will be configured to accommodate 3 classrooms capable of holding up to 35 persons per room. These classrooms will be able to reconfigure and be utilized as common bunk rooms, should the need arise to utilize the building as an operational station or evacuation point for beach units during a storm. This building will be approximate 10,000 square feet in size.

**Justification:** The Fire-Rescue Department currently relies upon outside entities to provide training facilities required for Public Safety employees. This required training is currently performed outside of the City limits causing the City to spend additional funds to meet State, National, and Fire Suppression Rating Schedule, and Accredited Agency requirements. Construction of a Public Safety training complex will allow Police, Fire-Rescue, Public Works Departments, and other City entities to train within the City limits. Furthermore, the facility will meet the National Fire Protection Rating (NFPA) 1402 (Fire Training Facility Standards) which will enable the Fire-Rescue Department to teach various public safety courses enabling staff to better serve the residents of the City of Fort Lauderdale. These courses will be offered to neighboring agencies at a cost that will allow the proposed facility to generate revenue that may be used to supplement public safety and sustain the facility operation.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Fire

#### Project Funding Summary:

| SOURCE                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-----------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| CIP - General Fund   CONSTRUCTION |       |              |         |         |         |         |         |                       |               |
| 331                               | 6599  |              |         |         |         |         |         | \$10,721,250          | \$0           |
| Total Fund 331:                   |       |              |         |         |         |         |         |                       | \$0           |
| <b>GRAND TOTAL:</b>               |       |              |         |         |         |         |         |                       | <b>\$0</b>    |

**Comments:** The construction costs of \$4.3 M is based upon a \$400 per sq ft cost for construction as estimated by our Public Works officials. The \$1.0 M equipment expense is the approximate cost for the training tower. The balance is for contingencies and land use.

#### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>(Incr.)/Dec Revenue (\$)</i>     |              |         |         |         |         |         |                       |               |
| revenue                             |              |         |         |         |         |         | \$(732,810)           | \$0           |
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |         |         |         |                       |               |
| CHAR 10                             |              |         |         |         |         |         | \$280,980             | \$0           |
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |         |         |         |                       |               |
| CHAR 20                             |              |         |         |         |         |         | \$21,494              | \$0           |
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                       |               |
| CHAR 30                             |              |         |         |         |         |         | \$67,970              | \$0           |
| <b>TOTAL</b>                        |              |         |         |         |         |         | <b>\$(362,366)</b>    | <b>\$0</b>    |

**Comments:** The impact on operating budget will not occur until the facility is opened. The net impact will depend on the direction to open the training facility to outside agencies as a revenue offset.

#### Cost Estimate Justification:

This building will be a one story station, 2 to 3 bays modeled after the same design and layout of the newly constructed station 46. All common areas will be configured to accommodate 3 classrooms capable of holding up to 35 persons per room. These classrooms will be able to be reconfigured and utilized as common bunk rooms, should the need arise to utilize the building as an operational station or evacuation point for beach units during a storm. This building will be approximately 10,600 square

| Strategic Connections: |                                                                                                                | Quarters To Perform Each Task: |   |
|------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------|---|
| Cylinder:              | Public Safety                                                                                                  | Initiation / Planning:         | 2 |
| Strategic Goals:       | Be the safest urban coastal City in South Florida through preventive and responsive police and fire protection | Design / Permitting:           | 2 |
| Objectives:            | Provide quick and exceptional fire, medical, and emergency response                                            | Bidding / Award:               | 2 |
|                        |                                                                                                                | Construction / Closeout:       | 4 |

# ~ Notes ~





# CITY OF FORT LAUDERDALE FY 2020 DEPARTMENT REQUEST

## Parks and Recreation Department



# **Parks and Recreation Department**

## **Department Description**

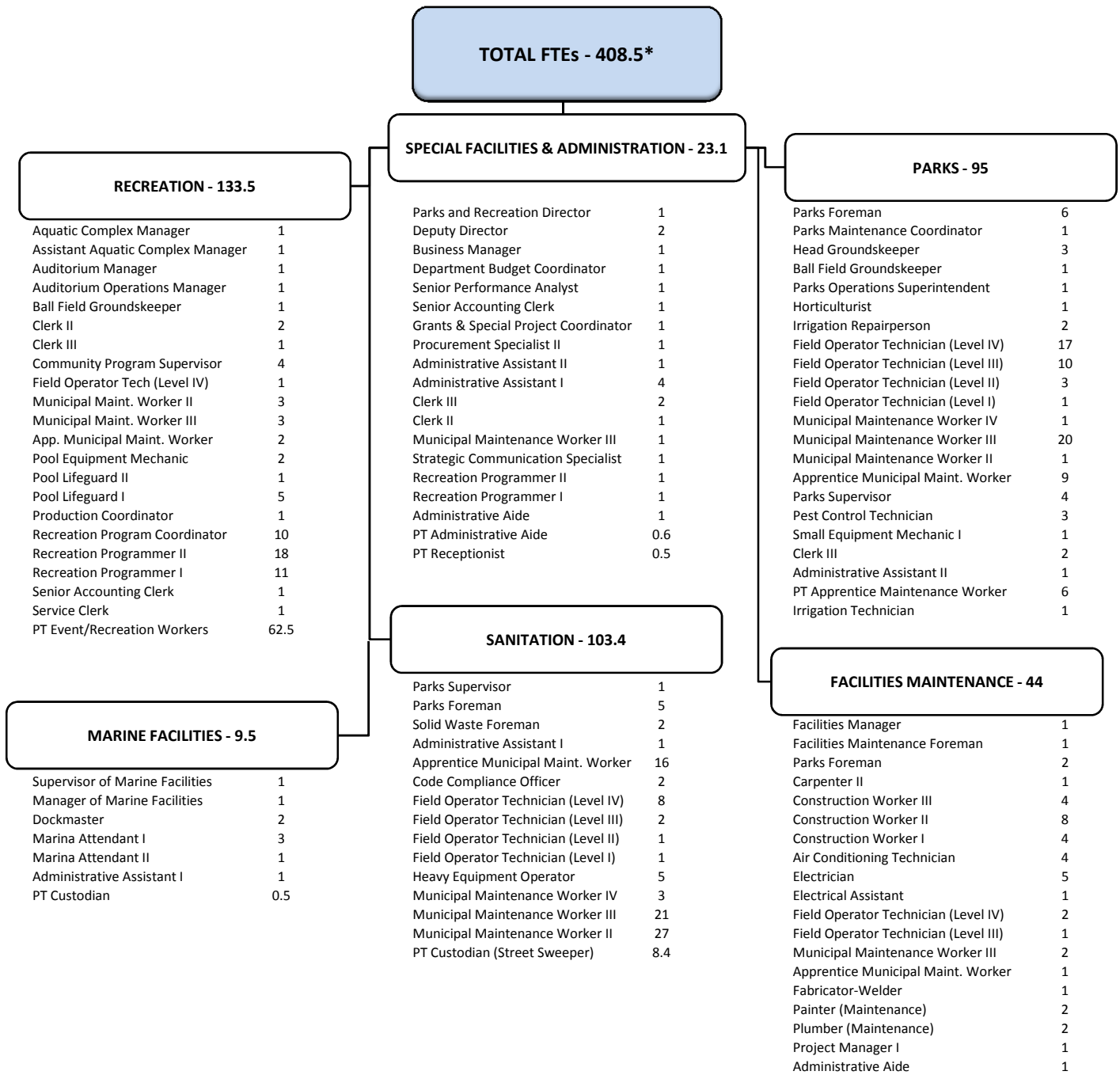
The Parks and Recreation Department offers a wide range of programs and activities to meet the health, recreation, and leisure needs of our neighbors. The Department's divisions include Administration, Cemeteries, Recreation and Special Facilities, Facilities Maintenance, Park Operations, Marine Facilities, and Sanitation.

The Department promotes health and fitness, stimulates social interaction, and fosters community engagement to enhance quality of life. Outstanding facilities provide an array of programming for patrons of all ages, including bingo, ballroom dancing, soccer, pickleball, football, and swimming. There are new parks and expanded green space that contribute to the City's aesthetic enhancement and livability.

The Department is one of 169 agencies in the country with national endorsement from the Commission for Accreditation of Park and Recreation Agencies (CAPRA). This prestigious designation confirms our City's commitment to providing neighbors with quality parks and recreation programming services, along with efficient and effective operations. The department aided the City in achieving Playful City USA recognition due to efforts in increasing children's play opportunities. Parks and Recreation produces award winning special events that build community, enrich lives, and showcase the City's best attributes. Sponsorship and promotion of new high visibility events have been pivotal in attracting tourists, residents of surrounding cities, and neighbors to downtown Fort Lauderdale and the beach.

# Parks and Recreation Department

## FY 2019 Adopted Budget Organizational Chart



\*Full Time Equivalent (FTE) includes new position(s)

| Amended<br>FY 2018 | Adopted<br>FY 2019 | Difference |
|--------------------|--------------------|------------|
| 404.5              | 408.5              | 4.0        |





# Parks & Recreation General Fund





# Parks and Recreation Department - General Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|----------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| General Fund - 001   | \$ 46,289,675     | 50,397,098         | 50,905,185         | 49,784,585          | 51,623,277                       | 49,665,478                       | (731,620)                         | (1.5%)                |
| <b>Total Funding</b> | <b>46,289,675</b> | <b>50,397,098</b>  | <b>50,905,185</b>  | <b>49,784,585</b>   | <b>51,623,277</b>                | <b>49,665,478</b>                | <b>(731,620)</b>                  | <b>(1.5%)</b>         |

### Financial Summary - Program Expenditures

|                                     | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Special Facilities & Administration | 7,508,499         | 8,368,917          | 8,572,467          | 8,225,707           | 8,592,478                        | 8,217,260                        | (151,657)                         | (1.8%)                |
| Recreation                          | 13,856,938        | 14,276,678         | 14,276,678         | 14,164,654          | 14,782,293                       | 13,443,388                       | (833,290)                         | (5.8%)                |
| Parks                               | 13,958,927        | 15,582,809         | 15,711,346         | 15,470,902          | 16,015,848                       | 15,986,272                       | 403,463                           | 2.6%                  |
| Facilities Maintenance              | 9,546,524         | 10,564,978         | 10,730,828         | 10,406,868          | 10,532,408                       | 10,365,810                       | (199,168)                         | (1.9%)                |
| Marine Facilities                   | 1,418,787         | 1,603,716          | 1,613,866          | 1,516,454           | 1,700,250                        | 1,652,748                        | 49,032                            | 3.1%                  |
| <b>Total Expenditures</b>           | <b>46,289,675</b> | <b>50,397,098</b>  | <b>50,905,185</b>  | <b>49,784,585</b>   | <b>51,623,277</b>                | <b>49,665,478</b>                | <b>(731,620)</b>                  | <b>(1.5%)</b>         |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual    | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|----------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | 25,008,158           | 26,590,654         | 26,622,073         | 25,730,535          | 27,819,508                       | 26,953,529                       | 362,875                           | 1.4%                  |
| Operating Expenses                  | 21,154,111           | 23,623,494         | 23,939,487         | 23,691,240          | 23,803,769                       | 22,711,949                       | (911,545)                         | (3.9%)                |
| Capital Outlay                      | 127,406              | 182,950            | 343,625            | 362,810             | -                                | -                                | (182,950)                         | (100.0%)              |
| <b>Total Expenditures</b>           | <b>\$ 46,289,675</b> | <b>50,397,098</b>  | <b>50,905,185</b>  | <b>49,784,585</b>   | <b>51,623,277</b>                | <b>49,665,478</b>                | <b>(731,620)</b>                  | <b>(1.5%)</b>         |
| <i>Full Time Equivalents (FTEs)</i> | <i>300.1</i>         | <i>305.1</i>       | <i>307.1</i>       | <i>307.1</i>        | <i>307.1</i>                     | <i>307.1</i>                     | <i>2.0</i>                        | <i>0.7%</i>           |

#### FY 2020 Major Variances

##### Personal Services

|                                                                                                                                 |            |
|---------------------------------------------------------------------------------------------------------------------------------|------------|
| Increase for a mid-year addition of four (4) positions to maintain Neighborhood Community Investment Plan projects in FY 2019   | \$ 233,727 |
| Decrease due to a mid-year transfer of one (1) cemetery administrator and one (1) parks manager to the cemetery fund in FY 2019 | (181,513)  |

##### Operating Expenses

|                                                                                                                                                                     |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Reduction in utility costs, maintenance costs, bus rentals, and various pool supplies due to the closing of the Aquatic Complex from October 2019 to September 2020 | (474,989) |
| Reduction in costs due to the transfer of War Memorial Auditorium to the Panthers                                                                                   | (310,512) |
| Reduction in electricity costs for Southside School due to available history of actual expenditures                                                                 | (189,355) |
| Increase in costs due to the closing of the Aquatic Complex and the need for pool rentals                                                                           | 104,395   |
| Increase in land leases due to the Florida Department of Transportation air space agreement                                                                         | 58,470    |
| Increase in permit costs due to permits needed every five (5) years                                                                                                 | 54,450    |

##### Capital Outlay

|                                                        |           |
|--------------------------------------------------------|-----------|
| Reduction due to one-time vehicle purchases in FY 2019 | (182,950) |
|--------------------------------------------------------|-----------|

# **Parks and Recreation Department**

## **Administration**

### **Division Description**

The Administration Division provides the leadership and framework to acquire, operate, and maintain the City's system of public places, including its beach, parks, open spaces, and medians for neighbors and visitors. Core services include the administration of grants and special projects as well as staffing matters.

### **FY 2019 Major Accomplishments**

- Approved for Parks and Recreation bond that will be used to improve local parks with energy efficient products, upgrade or replace existing city buildings, protect public green space, and implement programs to address sea-level rises through increasing the height of seawalls.
- Restated and amended the lease agreement with Broward Trust Historical Preservation for Annie Beck House at Middle River Terrace Park, allowing for Fort Lauderdale Police Department to occupy the building.
- Received FIND (Florida Inland Navigation District) grants for:
  - Removal of a small-scale derelict vessel
  - Future completion of phase II Coontie Hatchee Lagoon construction

### **FY 2020 Major Projects and Initiatives**

- Apply for grant from the Florida Department of Transportation to purchase new vehicles for transporting seniors to events and activities.
- Award license agreement with AutoNation, Inc. for construction of Pink Ribbon Statue at Welcome Park.

# **Parks and Recreation Department**

## **Recreation and Special Facilities**

### **Division Description**

The Recreation and Special Facilities Division strives to enhance the quality of life in Fort Lauderdale by offering a wide variety of high quality, safe, accessible, and affordable recreational activities and facilities to meet the year-round leisure needs of neighbors and visitors of all ages. This division is responsible for special event coordination and management of the City's recreation programs. Recreation facilities include City parks, activity centers, community pools, the War Memorial Auditorium (WMA), and the Aquatic Complex.

This Division is also responsible for conducting youth, adult, senior, athletic, teen, and aquatic programs, management of the War Memorial Auditorium, management of the Fort Lauderdale Aquatic Complex, and providing support for community and special events. In addition, the Division also provides licensed after-school care programs, summer camps, adult fitness & wellness programs, and environmental awareness education.

### **FY 2019 Major Accomplishments**

- Installed outdoor lighting for Riverland Park multipurpose field.
- Broke ground for the Fort Lauderdale Aquatic Center Renovation Project.

### **FY 2020 Major Projects and Initiatives**

- Provide Wi-Fi connectivity at City Parks.
- Increase green space availability for dog owners while providing safe distance from other park patrons.
- Provide power in city medians for large events such as Holiday lighting in the Galt and Sistrunk communities.
- Install a portable building at Riverland Park for Teen Program.
- Replace locker rooms at Fort Lauderdale Aquatic Complex.
- Conduct repairs and general improvements at the International Swimming Hall of Fame Museum according to the 40-year facilities maintenance plan.
- Address structural building concerns for the south buildings at Fort Lauderdale Aquatic Complex that are not part of renovation project, such as structural building issues and window replacement needs.
- Seek accreditation for the PLAY afterschool sites.
- Continue expansion of Fit Fort Lauderdale, a Fitness Initiative.

# **Parks and Recreation Department**

## **Facilities Maintenance**

### **Division Description**

The Facilities Maintenance Division maintains over 140 buildings, covering approximately 1.5 million square feet. The Division maintains playgrounds, air conditioning units, and more than 3,000 streetlights, including parking lot lighting for all City facilities. Staff responds to a variety of maintenance and repair service requests and performs preventive maintenance tasks. A few examples are carpentry, electrical and plumbing service repairs, and painting services. The Facilities Maintenance Division manages several maintenance service contracts and provides support for the City's special events.

In March 2019, the neighbors approved the City's request for a \$200 million Parks Bond. The Parks Bond includes many improvements to parks and facilities and will support projects that include major improvements and upgrades to Holiday Park, Joseph Carter Park, Lockhart Stadium, and a new Tunnel Top Park above Federal Highway/ US 1 at the Henry Kinney Tunnel. Once the signature projects are completed, additional improvements will be undertaken at all parks across the City through public comment and advisory boards. The budget includes funds to purchase property to expand green spaces throughout the City. The capital infusion of Parks Bond funds will assist the Facilities Maintenance and Park Operations Divisions with replacement or upgrades of aging City amenities.

### **FY 2019 Major Accomplishments**

- Completed new construction installations:
  - New roof at the Swimming Hall of Fame banquet hall, Lauderdale Memorial Cemetery office building, and the Hardy Park sewer pump station house
  - Accessible water fountain at Virginia Young Park
  - New pavilions and park amenities at Holiday Park Dog Park

### **FY 2020 Major Projects and Initiatives**

- Implement the Parks Bond to improve the conditions of park facilities throughout the Park system.
- Replace more street lights with energy efficient LED lighting.
- Install 200 additional Smart Nodes for street light fixtures; this will report streetlight conditions in real time throughout the city.
- Install Playgrounds at Lincoln and Bayview Parks.

# **Parks and Recreation Department**

## **Parks Operations**

### **Division Description**

The Parks Operation Division performs all mowing operations, irrigation repairs and installations, ball field maintenance, trash collections and removal, cemetery maintenance, and tree trimming of City-owned properties. In addition to the general maintenance and upkeep of all parks and medians, the division participates in the set-up of special events when necessary. Staff is also responsible for removal of seaweed from the beach, removal of sand from roadways and sidewalks, canal cleaning, and pressure cleaning of river walks and park gazebos.

### **FY 2019 Major Accomplishments**

- Constructed several artificial turf cool play fields at Holiday Park to increase the usage of the athletic fields.
- Refurbished and replanted medians throughout the City along A1A, Sistrunk, US 1, Davie and Broward Boulevards.
- Acquired a dune grant from Broward County to increase dune planting, providing for additional resiliency along A1A.
- Resurfaced the outdoor basketball court at Fort Lauderdale Beach.
- Installed new sod at Tarpon River Park, Snyder Dog Park, and Gore Park.
- Improved the bike trail at Snyder Park.
- Restored turf and irrigation system at the baseball and multipurpose fields at Osswald Park.

### **FY 2020 Major Projects and Initiatives**

- Begin operations and programming of Oceanside Park on Las Olas and A1A.
- Implement the Parks Bond to improve the conditions of parks throughout the Park system.
- Install new Smart Irrigation system at 31 high consumption parks and cemetery locations.
- Implement the Neighborhood Capital Improvement Program (NCIP) Entryway Team that cleans and maintains the entrances to the City and homeowner associations.



# **Parks and Recreation Department**

## **Marine Facilities**

### **Division Description**

Marine Facilities strives to provide excellent marine dockage facilities for vessels of various sizes for both neighbors and visitors. The division provides public access to local waterways and maintains the City's public boat ramps. Marine Facilities is also responsible for dockage facilities and services, commercial leases, launching facilities, capital projects, and Marine Advisory Board (MAB) functions.

### **FY 2019 Major Accomplishments**

- Completed Phase I Design and Permitting for the construction of a lagoon at Coontie Hatchee Park with 50% of the project costs funded by a Florida Inland Navigation District Waterways (FIND) Assistance Grant.
- Awarded a FIND Grant for 50% cost sharing for Phase II Construction of the Coontie Hatchee Lagoon.
- Awarded a FIND Grant for 50% cost sharing for the design and permitting to place an additional floating dock along the New River by Esplanade Park.
- Awarded a FIND Grant for 50% cost sharing for the design and permitting to stabilize the shoreline of the Bill Keith Preserve.
- Awarded a FIND Grant for 50% cost sharing for Phase II Construction for the renovation of the George English Park boat ramps.
- Awarded a Broward Boating Improvement Program Grant for 27% cost share for Phase II Construction for the renovation of the George English Parks boat ramps.
- Awarded two FIND Grants for 75% cost sharing for the removal of two derelict vessels from the City's waterways.
- Surpassed annual occupancy percentage targets of 80% at the City's marine facilities despite operational challenges created by the construction of the Las Olas Parking Garage.
- Surpassed annual budget projections:
  - Total Revenue by: 6%
  - Net Operating income by: 16%
- Secured a contractor for repair and maintenance of the New River pump out system.

# **Parks and Recreation Department**

## **Marine Facilities, continued**

### **FY 2020 Major Projects and Initiatives**

- Construct Coontie Hatchee Park Lagoon.
- Complete construction of Sweeting Park dock.
- Complete renovation of George English Park boat ramps.
- Attain award of Broward Boating Improvement Program Derelict Vessel Removal Grant of \$50,000.
- Renovate Marshall Point Marine sewage pump out system.

# Parks and Recreation Department

## Department Core Processes and Performance Metrics

|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p style="text-align: center;"><b>STRATEGIC OBJECTIVES AND PERFORMANCE MEASURES</b></p> <ul style="list-style-type: none"> <li>➤ Foster professional and rewarding careers</li> <li>➤ Offer a diverse range of youth, adult, and senior recreational programming</li> <li>➤ Enhance the City's identity and appearance through well-maintained green space, parks, major corridors, gateways, and medians</li> </ul> |
|  | <ul style="list-style-type: none"> <li>➤ Provide safe, efficient, and well-maintained vehicles, equipment and facilities and integrate sustainability into daily operations</li> <li>➤ Improve access to and enjoyment of our beach, Riverwalk, waterways, parks, and open spaces for everyone</li> <li>➤ Celebrate our community through special events and sports</li> </ul>                                       |

| Department Core Process                                                                                 | Performance Measures                                                                                    | FY 2017 Actual | FY 2018 Actual | FY 2019 Target | FY 2019 Projected | FY 2020 Target |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|-------------------|----------------|
| Manage City's public spaces to be functioning, attractive, and accessible to all neighbors and visitors | Percent of waterfront parks accessible by boat                                                          | 80%            | 80%            | 80%            | 80%               | 80%            |
|                                                                                                         | Percent occupancy of New River, Cooley's Landing and Las Olas Marinas                                   | 88%            | 82%            | 88%            | 88%               | 88%            |
|                                                                                                         | Percent of Neighbors that perceive the overall appearance of the City as excellent or good <sup>1</sup> | 59%            | 52%            | 53%            | 53%               | 54%            |
|                                                                                                         | Neighbor satisfaction with quality of Parks and Recreation programs and facilities <sup>1</sup>         | 71%            | 67%            | 68%            | 68%               | 69%            |
|                                                                                                         | Percent of Neighbors satisfied with the maintenance of City buildings and facilities <sup>1</sup>       | 51%            | 48%            | 49%            | 49%               | 50%            |

<sup>1</sup> This measure is reported in the annual citywide neighbor survey.

# Parks and Recreation Department

## Department Core Processes and Performance Metrics

| Department Core Process                                                                                 | Performance Measures                                                                                  | FY 2017 Actual | FY 2018 Actual | FY 2019 Target | FY 2019 Projected | FY 2020 Target |
|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|-------------------|----------------|
| Manage City's public spaces to be functioning, attractive, and accessible to all neighbors and visitors | Neighbor satisfaction with maintenance of City Parks <sup>2</sup>                                     | 74%            | 69%            | 70%            | 70%               | 71%            |
|                                                                                                         | Percent of Parks and Recreation patrons who feel "safe" in parks as indicated by surveys <sup>3</sup> | 83%            | 84%            | 85%            | 83%               | 84%            |
|                                                                                                         | Satisfaction with residential bulk trash collection <sup>2</sup>                                      | 80%            | 73%            | 74%            | 74%               | 74%            |
| Manage City's public spaces to be functioning, attractive, and accessible to all neighbors and visitors | Percent of neighbors that live within a 10-minute walk of a park <sup>4</sup>                         | 88%            | 89%            | 89%            | 89%               | 89%            |
| Provide City hosted special events to build community among our neighbors                               | Neighbor satisfaction with quality of special events <sup>2</sup>                                     | 64%            | 63%            | 64%            | 64%               | 65%            |

<sup>2</sup> This measure is reported in the annual citywide neighbor survey

<sup>3</sup> The Parks and Recreation Department administers this survey annually via Survey Monkey

<sup>4</sup> The data for this indicator is obtained from the Parks and Recreation Department in collaboration with the City's GIS division and AECOM consulting.

# Parks and Recreation Department

## Department Core Processes and Performance Metrics

| Department Core Process                                               | Performance Measures                                                                  | FY 2017 Actual | FY 2018 Actual | FY 2019 Target | FY 2019 Projected | FY 2020 Target |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|----------------|----------------|-------------------|----------------|
| Provide quality experiences and opportunities for neighbor enrichment | Number of meals served to youths in in fall, spring, and summer programs <sup>5</sup> | 98,259         | 99,873         | 100,000        | 76,000            | 76,000         |
|                                                                       | Number of recreation and aquatic program participants <sup>6</sup>                    | 47,005         | 53,576         | 55,000         | 55,000            | 50,000         |
|                                                                       | Percent of “good” or “excellent” recreation program survey ratings <sup>7</sup>       | 87%            | 85%            | 90%            | 87%               | 87%            |

<sup>5</sup>This metric is tracked by Calendar Year.

<sup>6</sup> This metric has been revised from “Number of registrants for recreation programs”, and now includes all youth and adult program registrants, pass holders, team registrants and daily visitors to recreational programs and aquatic programs.

<sup>7</sup> The data for this metric is obtained from surveys administered to participants at the end of each recreation program.

# FY 2020 Budget Modification Requests





# FY 2020 BUDGET MODIFICATION SUMMARY

## Parks and Recreation Department - Fund 001

| Priority # | Request Type  | Title of Request                | # of Pos    | Net Cost           | Page # |
|------------|---------------|---------------------------------|-------------|--------------------|--------|
| 1          | Program - New | Upgrade City Street Lighting    | 2.00        | 1,483,354          | 19     |
| 2          | Program - New | Painting of the Beach Wave Wall | 2.00        | 263,998            | 22     |
|            |               |                                 | <b>4.00</b> | <b>\$1,747,352</b> |        |



# FY 2020 BUDGET MODIFICATION FORM

## Parks and Recreation - 001 General Fund

Priority No:

1

Title of Request: Upgrade City Street Lighting

Request Type: Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 2.00                       | 0.00                    | 0.00                 | 2.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

The Parks and Recreation Department will be working with Transportation and Mobility and the Sustainability Division of Public Works to hire a consultant to conduct a Citywide lighting master plan. This will establish standards for lighting throughout the City. A collaborative approach to meeting our Vision Zero goals would benefit all citizens, tourist and business through safer roads and fewer accidents.

The City currently has only one streetlight crew consisting of an Electrician and an Electrical Assistant to maintain nearly 1000 City owned streetlights as well as over 2300 FDOT owned lights that the City is under contract to maintain. This request includes a full time Electrician and Electrical Assistant, bucket truck, misc. tools, streetlight and photometric equipment. An additional crew will allow the department to maintain and upgrade existing lights more frequently. These enhancements will allow the department to identify areas which require additional lighting and more quickly respond to outages of City and Florida Department of Transport (FDOT) streetlights. During the past several years, the City has added over 400 pedestrian lights in the Progresso, Middle River, Dorsey Riverbend and Durrs neighborhoods without any additional resources to maintain these lights in the long term. Without additional resources, the lighting concerns in the City will continue to deteriorate.

Additionally, the Parks and Recreation Department intends to implement smart node technology that can alert staff immediately about outages and their locations instead of waiting for neighbors to report the outage, or for the outages to be reported during monthly inspections by City crews or reported from Florida Power and Light (FPL) by customers. The smart nodes would relay updates by utilizing advanced photocell that records information about the status of street and pedestrian lighting in real time. The department also wants to

continue installing LED streetlights to reduce energy usage and energy cost. LED lights use about half the energy in comparison to standard street lights while providing higher quality lighting options. The cost of LED technology continues to decrease, shortening the pay-back period for purchasing the lights. This request to upgrade City lights will convert 616 existing streetlight fixtures with LED fixtures. The City currently owns 928 lights; 312 of the lights were previously upgraded to LED through previous initiatives. Many manufacturers are discontinuing the production of the current High Pressure Sodium streetlight technology to make way for LED fixtures. The request is to fully fund the replacement of all City owned lights to LED to avoid inconsistent lighting patterns as the older technology is phased out. This will also provide higher quality lights which are more reliable and use less energy, saving the City money over the life of the LED fixture. The City is currently working with Florida Department of Transportation (FDOT) to upgrade many of the FDOT owned lights to LED and will continue to do so throughout the City.

The Sustainability Division of Public Works recently completed a conversion of 240 City lights to LED by an external contractor. They were able to realize a savings of \$6,750 in annual in total charges and 223K kWh per year.

Break down of costs:

Citywide Lighting Master Plan - \$250,000

Additional Streetlight Crew &amp; Vehicle - \$300,000

Smart Node Technology - \$320,000

LED Light Upgrades - \$600,000

**(For New Position Request) Can this function be better / more efficiently performed by a third party? Why or Why Not?**

Not applicable

### Performance Measures:

| Measure Type | Request Description | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|--------------|---------------------|----------------|----------------|----------------------------------|
|--------------|---------------------|----------------|----------------|----------------------------------|

### Strategic Connections:

**Cylinder:** Internal Support

**Goal:** Be a leader government organization, managing resources wisely and sustainably

**Objective:** Ensure sound fiscal management

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Position Requests:

| PosType      | JobCode | Job Description      | Budgeted Salary |
|--------------|---------|----------------------|-----------------|
| Add Position | TM033   | Electrical Assistant | \$58,941        |
| Add Position | TM036   | Electrician          | \$69,723        |

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description      | Index Code | Sub Object | SubObject Title      |
|-------------------------------------|-----------------------------|----------------------|------------|------------|----------------------|
| <input checked="" type="checkbox"/> | 320,000                     | Smart Nodes          | PKR070501  | 3910       | ELECTRICAL SUPPLIES  |
| <input checked="" type="checkbox"/> | 600,000                     | LED Light Upgrades   | PKR070501  | 3910       | ELECTRICAL SUPPLIES  |
| <input checked="" type="checkbox"/> | 250,000                     | Lighting Master Plan | PKR070501  | 3199       | OTHER PROF SERV      |
| <input type="checkbox"/>            | 39,837                      | Electrical Assistant | PKR070501  | 1101       | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,048                       | Electrical Assistant | PKR070501  | 2301       | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 3,585                       | Electrical Assistant | PKR070501  | 2299       | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471                      | Electrical Assistant | PKR070501  | 2404       | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 49,080                      | Electrician          | PKR070501  | 1101       | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,755                       | Electrician          | PKR070501  | 2301       | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 4,417                       | Electrician          | PKR070501  | 2299       | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471                      | Electrician          | PKR070501  | 2404       | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 250                         |                      | PKR070501  | 3940       | SAFETY SHOES         |
| <input type="checkbox"/>            | 2,600                       |                      | PKR070501  | 3946       | TOOLS/EQUIP < \$5000 |
| <input checked="" type="checkbox"/> | 175,000                     |                      | PKR070501  | 6416       | VEHICLES             |
| <input type="checkbox"/>            | 400                         |                      | PKR070501  | 3949       | UNIFORMS             |
| <input type="checkbox"/>            | 5,000                       |                      | PKR070501  | 3804       | DIESEL FUEL          |
| <input type="checkbox"/>            | 480                         |                      | PKR070501  | 1413       | CELLPHONE ALLOWANCE  |

|                                     |                    |                          |           |      |                       |
|-------------------------------------|--------------------|--------------------------|-----------|------|-----------------------|
| <input checked="" type="checkbox"/> | 600                |                          | PKR070501 | 3925 | OFFICE EQUIP < \$5000 |
|                                     |                    | <i>Ipad</i>              |           |      |                       |
| <input type="checkbox"/>            | 360                |                          | PKR070501 | 3628 | TELEPHONE/CABLE TV    |
|                                     |                    | <i>Wi-Fi Ipad</i>        |           |      |                       |
|                                     | <b>\$1,483,354</b> | <b>Total Expenditure</b> |           |      |                       |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Parks and Recreation - 001 General Fund

Priority No: 2

Title of Request: Painting of the Beach Wave Wall

Request Type: Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 2.00                       | 0.00                    | 0.00                 | 2.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

This request is to fund the painting of the beach wave wall for all three miles. The beach wave wall is an iconic feature that spans the main portion of Fort Lauderdale Beach from the Beach Parking Lot to 18th Street. The wave wall is seen and used by tens of thousands of neighbors and visitors each year. The paint on the wall was heavily damaged during hurricane Irma and although the Facility Maintenance crew has done as much as possible to make repairs, however the paint and sealer required to keep the wall in good shape must be professionally applied.

If the iconic Fort Lauderdale Beach Wave Wall is not restored, the paint will continue to deteriorate causing a negative appearance for the City.

**(For New Position Request) Can this function be better / more efficiently performed by a third party? Why or Why Not?**

The cost of painting the wave wall is estimated at nearly \$375,000 and although the paint is coated with a durable enamel specific for the environment, the wall is in constant need of touch up and repair due to vandalism or accidents. Hiring two painters dedicated to maintaining the wall will ensure that the wall is in excellent shape at half the price of having the wall professionally painted.

### Performance Measures:

| Measure Type | Request Description                                                                        | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|--------------|--------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| ClearPoint   | Percent of Neighbors that perceive the overall appearance of the City as excellent or good | 54%            | 55%            | 60%                              |

### Strategic Connections:

**Cylinder:** Public Places

**Goal:** Be a community that finds opportunities and leverages partnerships to create unique,

**Objective:** Enhance the City's identity and appearance through well-maintained green space, parks major corridors, gateways and medians

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Position Requests:

| PosType      | JobCode | Job Description | Budgeted Salary |
|--------------|---------|-----------------|-----------------|
| Add Position | TM076   | Painter         | \$64,054        |
| Add Position | TM076   | Painter         | \$64,054        |

### Expenditure Amounts:

| One Time Expense         | Expenditure Amt. Requested: | Job Description | Index Code | Sub Object | SubObject Title    |
|--------------------------|-----------------------------|-----------------|------------|------------|--------------------|
| <input type="checkbox"/> | 44,220                      | Painter         | PKR070501  | 1101       | PERMANENT SALARIES |
| <input type="checkbox"/> | 3,383                       | Painter         | PKR070501  | 2301       | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 3,980                       | Painter         | PKR070501  | 2299       | PENSION - DEF CONT |

|                                     |                  |                                    |           |      |                       |
|-------------------------------------|------------------|------------------------------------|-----------|------|-----------------------|
| <input type="checkbox"/>            | 12,471           | Painter                            | PKR070501 | 2404 | HEALTH INSURANCE      |
| <input type="checkbox"/>            | 44,220           | Painter                            | PKR070501 | 1101 | PERMANENT SALARIES    |
| <input type="checkbox"/>            | 3,383            | Painter                            | PKR070501 | 2301 | SOC SEC/MEDICARE      |
| <input type="checkbox"/>            | 3,980            | Painter                            | PKR070501 | 2299 | PENSION - DEF CONT    |
| <input type="checkbox"/>            | 12,471           | Painter                            | PKR070501 | 2404 | HEALTH INSURANCE      |
| <input checked="" type="checkbox"/> | 45,000           |                                    | PKR070501 | 6416 | VEHICLES              |
|                                     |                  | <i>KUV</i>                         |           |      |                       |
| <input type="checkbox"/>            | 250              |                                    | PKR070501 | 3940 | SAFETY SHOES          |
| <input type="checkbox"/>            | 400              |                                    | PKR070501 | 3949 | UNIFORMS              |
| <input type="checkbox"/>            | 2,500            |                                    | PKR070501 | 3801 | GASOLINE              |
| <input type="checkbox"/>            | 3,600            |                                    | PKR070501 | 3946 | TOOLS/EQUIP < \$5000  |
|                                     |                  | <i>Paint Brushes &amp; Rollers</i> |           |      |                       |
| <input type="checkbox"/>            | 480              |                                    | PKR070501 | 1413 | CELLPHONE ALLOWANCE   |
| <input type="checkbox"/>            | 360              |                                    | PKR070501 | 3628 | TELEPHONE/CABLE TV    |
|                                     |                  | <i>Wi-Fi Ipad</i>                  |           |      |                       |
| <input checked="" type="checkbox"/> | 600              |                                    | PKR070501 | 3925 | OFFICE EQUIP < \$5000 |
|                                     |                  | <i>Ipad</i>                        |           |      |                       |
| <input type="checkbox"/>            | 76,200           |                                    | PKR070501 | 3999 | OTHER SUPPLIES        |
|                                     |                  | <i>Paint, Stripper &amp; Epoxy</i> |           |      |                       |
| <input checked="" type="checkbox"/> | 6,500            |                                    | PKR070501 | 6499 | OTHER EQUIPMENT       |
|                                     |                  | <i>Pressure Washer Trailer</i>     |           |      |                       |
|                                     | <b>\$263,998</b> | <b>Total Expenditure</b>           |           |      |                       |

Status:

# Descriptions & Line Items By Division





## Special Facilities & Administration - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                     |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | 1,610,958         | 1,680,174          | 1,680,174          | 1,569,091           | 1,752,586                          | 1,752,586                        | 72,412                                           | 4%                                                                |                                                                                                                                      |
| 1107 Part Time Salaries              | 37,597            | 116,028            | 116,028            | 40,018              | 121,829                            | 121,829                          | 5,801                                            | 5%                                                                |                                                                                                                                      |
| 1110 Sick Conv to Cash               | 3,149             | -                  | -                  | 819                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1113 Vac Mgmt Conv                   | 15,416            | -                  | -                  | 1,313               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1116 Comp Absences                   | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1119 Payroll Accrual                 | (390)             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1199 Other Reg Salaries              | -                 | 18,754             | 18,754             | 18,754              | 7,897                              | 7,897                            | (10,857)                                         | (58%)                                                             |                                                                                                                                      |
| 1201 Longevity Pay                   | 44,762            | 31,455             | 31,455             | 32,817              | 31,455                             | 31,455                           | -                                                | 0%                                                                |                                                                                                                                      |
| 1316 Upgrade Pay                     | -                 | -                  | -                  | 12,980              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1401 Car Allowances                  | 12,360            | 12,360             | 12,360             | 20,760              | 27,120                             | 27,120                           | 14,760                                           | 119%                                                              |                                                                                                                                      |
| 1407 Expense Allowances              | 13,000            | 13,680             | 13,680             | 9,200               | 11,520                             | 11,520                           | (2,160)                                          | (16%)                                                             |                                                                                                                                      |
| 1413 Cellphone Allowance             | 9,640             | 9,560              | 9,560              | 9,560               | 9,480                              | 9,480                            | (80)                                             | (1%)                                                              |                                                                                                                                      |
| 1501 Overtime 1.5X Pay               | 2,537             | 1,747              | 1,747              | 26,702              | 1,834                              | 1,834                            | 87                                               | 5%                                                                |                                                                                                                                      |
| 1504 Overtime 1X Pay                 | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1604 Direct Labor Credits            | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1701 Retirement Gifts                | -                 | 250                | 250                | 500                 | 250                                | 250                              | -                                                | 0%                                                                | One employee                                                                                                                         |
| 1707 Sick Termination Pay            | 6,696             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1710 Vacation Term Pay               | 12,330            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 1799 Other Term Pay                  | -                 | 20,844             | 20,844             | -                   | 29,291                             | 29,291                           | 8,447                                            | 41%                                                               | One employee                                                                                                                         |
| 1801 Core Adjustments                | -                 | -                  | 133,550            | -                   | 133,550                            | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 2104 Mileage Reimburse               | 882               | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                                | 0%                                                                |                                                                                                                                      |
| 2119 Wellness Incentives             | 5,000             | -                  | -                  | -                   | -                                  | 6,500                            | 6,500                                            | 0%                                                                |                                                                                                                                      |
| 2204 Pension - General Emp           | 219,191           | 186,365            | 186,365            | 186,365             | 156,373                            | 156,373                          | (29,992)                                         | (16%)                                                             |                                                                                                                                      |
| 2299 Pension - Def Cont              | 38,808            | 47,723             | 47,723             | 39,624              | 54,548                             | 54,548                           | 6,825                                            | 14%                                                               |                                                                                                                                      |
| 2301 Soc Sec/Medicare                | 125,125           | 140,463            | 140,463            | 115,517             | 137,084                            | 137,084                          | (3,379)                                          | (2%)                                                              |                                                                                                                                      |
| 2304 Supplemental Fica               | -                 | -                  | -                  | -                   | 9,010                              | 9,010                            | 9,010                                            | 0%                                                                |                                                                                                                                      |
| 2307 Year End FICA Accr              | 27                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 1,130                            | 1,130                                            | 0%                                                                |                                                                                                                                      |
| 2404 Health Insurance                | 257,530           | 223,313            | 223,313            | 223,313             | 245,874                            | 245,874                          | 22,561                                           | 10%                                                               |                                                                                                                                      |
| 2410 Workers' Comp                   | 533,813           | 682,370            | 682,370            | 682,370             | 682,370                            | 682,370                          | -                                                | 0%                                                                |                                                                                                                                      |
| 9237 Transfer To Special Obligations | 1,730,813         | 1,697,004          | 1,697,004          | 1,697,004           | 1,697,004                          | 1,658,439                        | (38,565)                                         | (2%)                                                              |                                                                                                                                      |
| <b>Personal Services</b>             | <b>4,679,244</b>  | <b>4,883,090</b>   | <b>5,016,640</b>   | <b>4,687,627</b>    | <b>5,110,075</b>                   | <b>4,945,590</b>                 | <b>62,500</b>                                    | <b>1%</b>                                                         |                                                                                                                                      |
| 3107 Data Proc Serv                  | -                 | -                  | 70,000             | 70,000              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3113 Fin & Bank Serv                 | 36,537            | 35,000             | 35,000             | 16,721              | 35,000                             | 35,000                           | -                                                | 0%                                                                | Funding for independent financial services including financial advisor services, accounting services and credit card transactions.   |
| 3199 Other Prof Serv                 | 291               | -                  | -                  | 290                 | 2,000                              | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3201 Ad/Marketing                    | 2,650             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3213 Coach/Ump Serv                  | 249               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3216 Costs/Fees/Permits              | 1,108             | 2,000              | 2,000              | 2,000               | 2,000                              | 1,200                            | (800)                                            | (40%)                                                             | Funding for parking permits, notary renewals, various licenses/permits                                                               |
| 3231 Food Services                   | 1,783             | 5,000              | 5,000              | 5,000               | 5,000                              | 2,000                            | (3,000)                                          | (60%)                                                             | Lego award recognition lunch for PKR staff, after school snacks supplement to the grant                                              |
| 3237 Lawn & Tree Service             | -                 | 14,000             | 14,000             | 14,000              | -                                  | -                                | (14,000)                                         | (100%)                                                            | Moved to PKR062901 - Huzienga Plaza Lease Ground Maintenance                                                                         |
| 3243 Prizes & Awards                 | 592               | 500                | 500                | 661                 | 500                                | 500                              | -                                                | 0%                                                                | Funding for awards/prizes                                                                                                            |
| 3246 Recreation Prog                 | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3249 Security Services               | 1,147             | 2,922              | 2,922              | -                   | 2,922                              | 2,922                            | -                                                | 0%                                                                | Monthly costs for security services are \$243.46/ month x 12 = \$2,921.52 which does not include repair or replacement costs.        |
| 3255 Solid Waste Collections         | 1,297             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3299 Other Services                  | 9,151             | 1,596              | 1,596              | 1,868               | 1,596                              | 1,596                            | -                                                | 0%                                                                | Funding for other contractual services to archive social media                                                                       |
| 3301 Heavy Equip Rent                | 1,582             | -                  | -                  | 250                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3304 Office Equip Rent               | 4,325             | 4,900              | 4,900              | 5,129               | 3,820                              | 3,820                            | (1,080)                                          | (22%)                                                             | Funding for Toshiba lease and copy charges                                                                                           |
| 3310 Other Equip Rent                | 316               | -                  | -                  | 170                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3313 Land Leases                     | 100,000           | 100,000            | 100,000            | 100,000             | 100,000                            | 100,000                          | -                                                | 0%                                                                |                                                                                                                                      |
| 3401 Computer Maint                  | 46,056            | 36,400             | 36,400             | 36,400              | 46,056                             | 46,056                           | 9,656                                            | 27%                                                               | Vermont Systems RecTrac Maintenance, includes updating WebTrac online pages                                                          |
| 3404 Components/Parts                | 4,149             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3407 Equip Rep & Maint               | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3425 Bldg Rep Materials              | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3428 Bldg Rep & Maint                | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3513 Photography                     | -                 | 3,500              | 3,500              | 3,500               | 3,500                              | 3,500                            | -                                                | 0%                                                                | Funding for photography/video services based on historical average                                                                   |
| 3516 Printing Serv - Ext             | -                 | 5,000              | 5,000              | 5,000               | 5,000                              | -                                | (5,000)                                          | (100%)                                                            | Funding for external printing services. Budget based on historical average. Includes South Side Cultural Arts Center                 |
| 3601 Electricity                     | 10,436            | 200,000            | 200,000            | 200,000             | 200,000                            | 10,645                           | (189,355)                                        | (95%)                                                             | Electricity costs for South Side                                                                                                     |
| 3613 Special Delivery                | 13                | 100                | 100                | 100                 | 100                                | 100                              | -                                                | 0%                                                                | Funding for UPS/FedEx delivery                                                                                                       |
| 3616 Postage                         | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |
| 3628 Telephone/Cable TV              | 1,919             | 1,700              | 1,700              | 1,700               | 1,700                              | 2,000                            | 300                                              | 18%                                                               | Funding for internet access, cable TV internet/website hosting services South Side. Mi-Fi & Ethernet charges, costs determined by IT |
| 3634 Water/Sew/Storm                 | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                      |



## Special Facilities & Administration - Expenditures

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                              |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3801 Gasoline                  | 889               | 2,621              | 2,621              | 2,621               | 2,621                              | 1,023                            | (1,598)                                          | (61%)                                                             | Funding for gasoline fuel                                                                                                                                                                                     |
| 3804 Diesel Fuel               | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 3901 Athletic Equip/Sup        | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 3904 Books & Manuals           | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 3907 Data Proc Supplies        | 8,592             | 1,500              | 1,500              | 1,500               | 1,500                              | 1,500                            | -                                                | 0%                                                                | Funding for the purchase of data processing supplies                                                                                                                                                          |
| 3925 Office Equip < \$5000     | 35,323            | 6,673              | 6,673              | 6,673               | 6,673                              | 4,400                            | (2,273)                                          | (34%)                                                             | Funding for the purchase of equipment less than \$5,000 such as monitors, keyboards, chairs and office furniture                                                                                              |
| 3928 Office Supplies           | 9,041             | 13,000             | 13,000             | 13,000              | 13,000                             | 12,000                           | (1,000)                                          | (8%)                                                              | Funding for the purchase of materials & supplies such as preprinted forms, copier paper, stationary, etc.                                                                                                     |
| 3934 Recreatn Equip/Sup        | 2,874             | -                  | -                  | 678                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 3940 Safety Shoes              | -                 | 125                | 125                | 125                 | 125                                | 125                              | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 3946 Tools/Equip < \$5000      | 10,421            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 3949 Uniforms                  | 24                | 1,100              | 1,100              | 1,100               | 1,100                              | 38,000                           | 36,900                                           | 3355%                                                             | Funding for staff uniforms in all divisions                                                                                                                                                                   |
| 3999 Other Supplies            | 13,633            | 20,000             | 20,000             | 20,000              | 20,000                             | 20,000                           | -                                                | 0%                                                                | Funding for misc supplies for items that are not covered under contract                                                                                                                                       |
| 4101 Certification Train       | 9,252             | -                  | -                  | 832                 | 7,000                              | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4104 Conferences               | 47,177            | 55,847             | 55,847             | 55,847              | 48,847                             | -                                | (55,847)                                         | (100%)                                                            |                                                                                                                                                                                                               |
| 4110 Meetings                  | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4113 Memberships/Dues          | 25,129            | 8,000              | 8,000              | 8,000               | 8,000                              | -                                | (8,000)                                          | (100%)                                                            |                                                                                                                                                                                                               |
| 4116 Schools                   | 570               | -                  | -                  | 572                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4119 Training & Travel         | -                 | -                  | -                  | -                   | -                                  | 36,400                           | 36,400                                           | 0%                                                                | Funding for job related training for various conferences, including Sports Turf Managers Assoc. Conference, Florida Recreation and Parks Assoc., National Rec and Parks Assoc. and Intl Arboriculture Society |
| 4308 Overhead-Fleet            | 1,236             | 3,273              | 3,273              | 3,273               | 3,273                              | 3,273                            | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4343 Servchg-Info Sys          | 1,708,509         | 1,867,363          | 1,867,363          | 1,867,363           | 1,867,363                          | 1,867,363                        | -                                                | 0%                                                                | Internal Info Syst service charges                                                                                                                                                                            |
| 4355 Servchg-Print Shop        | 9,134             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                | Internal Print Shop service charges                                                                                                                                                                           |
| 4372 Servchg-Fleet Replacement | 8,536             | 7,380              | 7,380              | 7,380               | 7,380                              | -                                | (7,380)                                          | (100%)                                                            | Staff moved to cemetery fund                                                                                                                                                                                  |
| 4373 Servchg-Fleet O&M         | 4,572             | 8,080              | 8,080              | 8,080               | 8,080                              | -                                | (8,080)                                          | (100%)                                                            | Staff moved to cemetery fund                                                                                                                                                                                  |
| 4401 Auto Liability            | 265,566           | 311,189            | 311,189            | 311,189             | 311,189                            | 311,189                          | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4404 Fidelity Bonds            | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4407 Emp Proceedings           | 74,741            | 99,674             | 99,674             | 99,674              | 99,674                             | 99,674                           | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4410 General Liability         | 261,700           | 327,496            | 327,496            | 327,496             | 327,496                            | 327,496                          | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4416 Other Ins Charges         | 105,765           | 214,370            | 214,370            | 214,370             | 214,370                            | 214,370                          | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4428 Prop/Fire Insurance       | -                 | 118,060            | 118,060            | 118,060             | 118,060                            | 118,060                          | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 4431 Pub Officials Liab        | 2,746             | 2,458              | 2,458              | 2,458               | 2,458                              | 2,458                            | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| 5604 Writeoff A/R & Other      | 224               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| <b>Operating Expenses</b>      | <b>2,829,255</b>  | <b>3,485,827</b>   | <b>3,555,827</b>   | <b>3,538,080</b>    | <b>3,482,403</b>                   | <b>3,271,670</b>                 | <b>(214,157)</b>                                 | <b>-6%</b>                                                        |                                                                                                                                                                                                               |
| 6499 Other Equipment           | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                               |
| <b>Capital Outlay</b>          | <b>-</b>          | <b>-</b>           | <b>-</b>           | <b>-</b>            | <b>-</b>                           | <b>-</b>                         | <b>-</b>                                         | <b>0%</b>                                                         |                                                                                                                                                                                                               |
| <b>Division Total</b>          | <b>7,508,499</b>  | <b>8,368,917</b>   | <b>8,572,467</b>   | <b>8,225,707</b>    | <b>8,592,478</b>                   | <b>8,217,260</b>                 | <b>(151,657)</b>                                 | <b>(2%)</b>                                                       |                                                                                                                                                                                                               |

## Recreation - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                   |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries         | 4,027,950         | 4,256,203          | 4,256,203          | 4,064,601           | 4,482,778                          | 4,482,778                        | 226,575                                          | 5%                                                                |                                                                                                                                                                                                    |
| 1104 Temporary Salaries         | -                 | 1,241,177          | 1,241,177          | 1,241,177           | 1,303,235                          | 1,303,235                        | 62,058                                           | 5%                                                                | Funding for temporary seasonal staff including an increase for cost of living and merit adjustments.                                                                                               |
| 1107 Part Time Salaries         | 3,163,841         | 2,050,535          | 2,050,535          | 2,050,535           | 2,153,061                          | 1,929,579                        | (120,956)                                        | (6%)                                                              | Funding for part-time staff                                                                                                                                                                        |
| 1110 Sick Conv to Cash          | 14,898            | -                  | -                  | 6,047               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1113 Vac Mgmt Conv              | 15,215            | -                  | -                  | 5,428               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1116 Comp Absences              | (14,396)          | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1119 Payroll Accrual            | 15,412            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1199 Other Reg Salaries         | -                 | 60,146             | 60,146             | 60,146              | 31,956                             | 31,956                           | (28,190)                                         | (47%)                                                             |                                                                                                                                                                                                    |
| 1201 Longevity Pay              | 62,457            | 62,098             | 62,098             | 62,453              | 62,098                             | 62,098                           | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1204 Longevity Accr             | (2,741)           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1304 Assignment Pay             | 4,729             | 4,880              | 4,880              | 4,858               | 4,880                              | -                                | (4,880)                                          | (100%)                                                            |                                                                                                                                                                                                    |
| 1316 Upgrade Pay                | 5,280             | 6,900              | 6,900              | 4,906               | 6,900                              | 6,700                            | (200)                                            | (3%)                                                              |                                                                                                                                                                                                    |
| 1401 Car Allowances             | -                 | -                  | -                  | 36,800              | 53,160                             | 53,160                           | 53,160                                           | 0%                                                                |                                                                                                                                                                                                    |
| 1407 Expense Allowances         | 34,880            | 36,480             | 36,480             | 30,431              | 27,360                             | 27,360                           | (9,120)                                          | (25%)                                                             |                                                                                                                                                                                                    |
| 1413 Cellphone Allowance        | 24,850            | 25,080             | 25,080             | 25,175              | 24,000                             | 24,000                           | (1,080)                                          | (4%)                                                              |                                                                                                                                                                                                    |
| 1501 Overtime 1.5X Pay          | 45,637            | 70,980             | 70,980             | 47,762              | 74,529                             | 36,309                           | (34,671)                                         | (49%)                                                             | Funding for overtime, driven by summer camps, pool coverage, special events, and after school programs.                                                                                            |
| 1504 Overtime 1X Pay            | 176               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1507 O/T - Emergency - 1.5X Pay | -                 | -                  | -                  | 2,574               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1511 O/T - Unplanned - 1.5X Pay | 26                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1513 Hol 2.5 X Pol              | 121               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1707 Sick Termination Pay       | -                 | -                  | -                  | 7,800               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1710 Vacation Term Pay          | 14,396            | -                  | -                  | 8,852               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 1801 Core Adjustments           | -                 | -                  | -                  | -                   | -                                  | (430,425)                        | (430,425)                                        | 0%                                                                |                                                                                                                                                                                                    |
| 2104 Mileage Reimburse          | 11,364            | 11,450             | 11,450             | 11,450              | 11,450                             | 10,950                           | (500)                                            | (4%)                                                              |                                                                                                                                                                                                    |
| 2119 Wellness Incentives        | 4,500             | -                  | -                  | -                   | -                                  | 12,000                           | 12,000                                           | 0%                                                                |                                                                                                                                                                                                    |
| 2204 Pension - General Emp      | 556,398           | 494,930            | 494,930            | 494,930             | 470,879                            | 470,878                          | (24,052)                                         | (5%)                                                              |                                                                                                                                                                                                    |
| 2299 Pension - Def Cont         | 127,823           | 153,218            | 153,218            | 126,515             | 170,139                            | 170,139                          | 16,921                                           | 11%                                                               |                                                                                                                                                                                                    |
| 2301 Soc Sec/Medicare           | 547,732           | 440,387            | 440,387            | 574,228             | 350,131                            | 350,131                          | (90,256)                                         | (20%)                                                             |                                                                                                                                                                                                    |
| 2304 Supplemental Fica          | -                 | -                  | -                  | -                   | 256,849                            | 237,782                          | 237,782                                          | 0%                                                                | FICA for part-time and overtime                                                                                                                                                                    |
| 2307 Year End FICA Accr         | (530)             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 2402 Life Insurance             | -                 | -                  | -                  | -                   | -                                  | 2,889                            | 2,889                                            | 0%                                                                |                                                                                                                                                                                                    |
| 2404 Health Insurance           | 602,239           | 677,543            | 677,543            | 677,543             | 716,057                            | 716,057                          | 38,514                                           | 6%                                                                |                                                                                                                                                                                                    |
| <b>Personal Services</b>        | <b>9,262,257</b>  | <b>9,592,007</b>   | <b>9,592,007</b>   | <b>9,544,211</b>    | <b>10,199,462</b>                  | <b>9,497,576</b>                 | <b>(94,431)</b>                                  | <b>(1%)</b>                                                       |                                                                                                                                                                                                    |
| 3113 Fin & Bank Serv            | 5,511             | 14,000             | 14,000             | 14,000              | 14,000                             | 4,000                            | (10,000)                                         | (71%)                                                             | Funding for independent financial services including financial advisor services, accounting services, and credit card transactions.                                                                |
| 3199 Other Prof Serv            | 67,070            | -                  | -                  | 13,690              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 3201 Ad/Marketing               | 62,866            | 78,500             | 78,500             | 78,500              | 78,500                             | 76,000                           | (2,500)                                          | (3%)                                                              | Funding for advertising expenses, including: July 4th, Playday, Beach Party, Starlights and Sistrunk Festival.                                                                                     |
| 3203 Artistic Services          | 394,726           | 486,175            | 486,175            | 486,175             | 505,175                            | 486,175                          | -                                                | 0%                                                                | Funding for performers and entertainers at events including Downtown Countdown, Starlights, summer camps and afterschool programs. Funding includes department request from 3199 - Other Services. |
| 3207 Laundry Services           | 1,771             | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                | Funding for laundry and dry cleaning services.                                                                                                                                                     |
| 3213 Coach/Ump Serv             | 347,695           | 405,000            | 405,000            | 405,000             | 405,000                            | 350,000                          | (55,000)                                         | (14%)                                                             | Funding for vendors to referee programs including soccer, tennis, softball, swimming/dive, and supersports.                                                                                        |
| 3216 Costs/Fees/Permits         | 11,864            | 17,500             | 17,500             | 17,500              | 18,775                             | 17,225                           | (275)                                            | (2%)                                                              | Funding for various licenses and permits for backwash water testing, fire inspection fees, special event permits, and other miscellaneous fees.                                                    |
| 3222 Custodial Services         | 2,000             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                    |
| 3228 Disposal (Tip) Fees        | 829               | 525                | 525                | 525                 | 525                                | 500                              | (25)                                             | (5%)                                                              | Funding for the disposal of trash at the County landfill.                                                                                                                                          |
| 3231 Food Services              | 59,113            | 50,000             | 50,000             | 64,034              | 51,500                             | 44,500                           | (5,500)                                          | (11%)                                                             | Funding for catering used during city sponsored programs such as summer camp and increased funding to supplement grant funds for afterschool program.                                              |
| 3243 Prizes & Awards            | 14,869            | 20,800             | 20,800             | 23,333              | 22,300                             | 20,800                           | -                                                | 0%                                                                | Funding for the purchase or certificates, trophies, plaques and other prizes to reward employees and neighbors, including swimming tournaments. Increased costs for Adult programs                 |

## Recreation - Expenditures

| Subobject                    | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                                                                                             |
|------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3246 Recreation Prog         | 579,522           | 528,500            | 528,500            | 528,500             | 566,500                            | 598,500                          | 70,000                                           | 13%                                                               | Funding for independent instructional services such as recreation classes for neighbors, including: Tennis, soccer, fitness, computer classes for Club 55, and afterschool field trips. The additional \$70,000 is for a contract increase.                                                  |
| 3249 Security Services       | 64,814            | 38,148             | 38,148             | 17,797              | 38,500                             | 36,000                           | (2,148)                                          | (6%)                                                              | Funding for security services. This includes alarm monitoring or security guards. Budget based on contracts.                                                                                                                                                                                 |
| 3255 Solid Waste Collections | 898               | 1,825              | 1,825              | 1,825               | 1,825                              | 1,026                            | (799)                                            | (44%)                                                             | Funding for an outside contract for solid waste disposal and roll off services.                                                                                                                                                                                                              |
| 3299 Other Services          | 515,905           | 685,189            | 685,189            | 685,189             | 683,151                            | 157,540                          | (527,649)                                        | (77%)                                                             | Funding for other contractual services. The large reduction is due to the transitioning of War Memorial to the Panthers and the temporary closing of the Aquatic Center.                                                                                                                     |
| 3301 Heavy Equip Rent        | 52,154            | 6,000              | 6,000              | 6,000               | 6,000                              | 5,000                            | (1,000)                                          | (17%)                                                             | Funding for the rental of equipment such as containers and golf carts.                                                                                                                                                                                                                       |
| 3304 Office Equip Rent       | 25,244            | 31,310             | 31,310             | 38,771              | 31,110                             | 29,546                           | (1,764)                                          | (6%)                                                              | Funding for repairs, maintenance, or rental of office equipment such as copy machines. Budget is based on Toshiba copier lease.                                                                                                                                                              |
| 3310 Other Equip Rent        | 134,264           | 142,000            | 142,000            | 104,588             | 144,000                            | 142,000                          | -                                                | 0%                                                                | Funding for rental of other items such as bounce houses, toilets, event equipment and traffic barricades for road closure                                                                                                                                                                    |
| 3316 Building Leases         | -                 | -                  | -                  | -                   | 44,022                             | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                              |
| 3322 Other Facil Rent        | -                 | -                  | -                  | -                   | -                                  | 104,395                          | 104,395                                          | 0%                                                                | Pool rental while the aquatic complex is under construction                                                                                                                                                                                                                                  |
| 3401 Computer Maint          | 2,997             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                              |
| 3404 Components/Parts        | -                 | -                  | -                  | 104                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                              |
| 3407 Equip Rep & Maint       | 33,294            | 34,700             | 29,275             | 29,275              | 11,000                             | 25,000                           | (9,700)                                          | (28%)                                                             | Funding for repairs and maintenance for community pools. Maintenance is increasing due to age of pools, pumps, filters, and motors.                                                                                                                                                          |
| 3428 Bldg Rep & Maint        | 107,880           | 71,000             | 71,000             | 71,000              | 68,000                             | 67,000                           | (4,000)                                          | (6%)                                                              | Funding for non-capital related repairs and maintenance for recreation facilities based on age and condition.                                                                                                                                                                                |
| 3516 Printing Serv - Ext     | 60,287            | 109,650            | 109,650            | 109,650             | 108,150                            | 108,150                          | (1,500)                                          | (1%)                                                              | Funding for external printing services for events including July 4th, Beach Party, Sistrunk Festival, Downtown Countdown, and St. Patty's Day Parade. External printing services for "Playbook" publication bi-annual distribution. Increased due to funding moved from 3201 - Ad/Marketing. |
| 3601 Electricity             | 466,089           | 500,200            | 500,200            | 500,200             | 500,200                            | 398,661                          | (101,539)                                        | (20%)                                                             | Funding for electricity .                                                                                                                                                                                                                                                                    |
| 3607 Nat/Propane Gas         | 82,003            | 84,800             | 84,800             | 49,480              | 69,000                             | 68,000                           | (16,800)                                         | (20%)                                                             | Funding for propane gas for pool heaters.                                                                                                                                                                                                                                                    |
| 3613 Special Delivery        | 168               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                              |
| 3616 Postage                 | -                 | 24,000             | 24,000             | 24,000              | 26,600                             | 26,600                           | 2,600                                            | 11%                                                               | Funding for postage to mail the Playbook                                                                                                                                                                                                                                                     |
| 3628 Telephone/Cable TV      | 18,443            | 19,200             | 19,200             | 19,200              | 19,200                             | 14,700                           | (4,500)                                          | (23%)                                                             | Funding for internet access, Cable television, and TV internet/website hosting services.                                                                                                                                                                                                     |
| 3634 Water/Sew/Storm         | 357,230           | 425,496            | 425,496            | 425,496             | 393,845                            | 388,820                          | (36,676)                                         | (9%)                                                              | Funding for water, sewer, and storm service for City facilities usage, including Aquatics Complex and community pools. Aquatic Pool will be closed for FY20                                                                                                                                  |
| 3799 Other Chemicals         | 85,373            | 89,300             | 89,300             | 89,299              | 30,000                             | 50,000                           | (39,300)                                         | (44%)                                                             | Funding for the purchase of chemicals including chlorine and sodium hypochlorite for Aquatics Complex and community pools. Reduced budget for pool closures from April 2019 to September 2020.                                                                                               |
| 3801 Gasoline                | 7,432             | 8,829              | 8,829              | 1,148               | 8,829                              | 8,079                            | (750)                                            | (8%)                                                              | Funding for gasoline fuel                                                                                                                                                                                                                                                                    |
| 3804 Diesel Fuel             | 3,223             | 4,390              | 4,390              | 576                 | 4,390                              | 3,675                            | (715)                                            | (16%)                                                             | Funding for diesel fuel as determined by Fleet.                                                                                                                                                                                                                                              |
| 3901 Athletic Equip/Sup      | 116,559           | 95,000             | 95,000             | 94,999              | 91,500                             | 91,500                           | (3,500)                                          | (4%)                                                              | Funding for the purchase of sports equipment and supplies for recreation programs.                                                                                                                                                                                                           |
| 3907 Data Proc Supplies      | 2,686             | 3,000              | 3,000              | 3,000               | 3,800                              | 2,000                            | (1,000)                                          | (33%)                                                             | Funding for the purchase of data processing supplies.                                                                                                                                                                                                                                        |
| 3910 Electrical Supplies     | 3,120             | 1,250              | 1,250              | 1,250               | 250                                | -                                | (1,250)                                          | (100%)                                                            |                                                                                                                                                                                                                                                                                              |
| 3913 Horticultural Sup       | 634               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                                                                                              |

## Recreation - Expenditures

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                               |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 3916 Janitorial Supplies       | 1,572             | -                  | -                  | 1,706               | 3,000                              | -                                | -                                                | 0%                                                                | Funding moved to Parks and Recreation - Facilities Maintenance 3916 - Janitorial Supplies.                                                     |
| 3922 Medical Supplies          | 12,928            | 13,500             | 13,500             | 13,500              | 8,200                              | 8,200                            | (5,300)                                          | (39%)                                                             | Funding for medical supplies for recreation programs.                                                                                          |
| 3925 Office Equip < \$5000     | 7,632             | 5,473              | 5,473              | 5,473               | 5,373                              | 5,373                            | (100)                                            | (2%)                                                              | Funding for equipment less than \$5,000 such as printers, office furniture and chairs.                                                         |
| 3926 Furniture <\$5000         | -                 | 3,000              | 3,000              | 3,000               | 3,000                              | -                                | (3,000)                                          | (100%)                                                            |                                                                                                                                                |
| 3928 Office Supplies           | 34,316            | 30,500             | 30,500             | 30,500              | 28,500                             | 26,500                           | (4,000)                                          | (13%)                                                             | Funding for materials and supplies such as preprinted forms, stationery paper, toner, copier paper, etc.                                       |
| 3931 Periodicals & Mag         | 310               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| 3934 Recreatn Equip/Sup        | 78,049            | 65,000             | 65,000             | 65,000              | 63,000                             | 63,000                           | (2,000)                                          | (3%)                                                              | Funding for recreation equipment from hula hoops to playground fixtures under \$5,000.                                                         |
| 3940 Safety Shoes              | 721               | 3,375              | 3,375              | 3,375               | 3,375                              | 3,250                            | (125)                                            | (4%)                                                              | Funding for safety shoes.                                                                                                                      |
| 3943 Sanitation Carts          | 227               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| 3946 Tools/Equip < \$5000      | 25,437            | 34,000             | 34,000             | 34,000              | 21,500                             | 20,500                           | (13,500)                                         | (40%)                                                             | Funding for equipment less than \$5,000 including dive boards, funbrellas, and operational tools for community pools.                          |
| 3949 Uniforms                  | 31,276            | 42,905             | 42,905             | 42,905              | 42,005                             | -                                | (42,905)                                         | (100%)                                                            | Funding for uniforms for events and summer camps. Moved budget to PRK06                                                                        |
| 3999 Other Supplies            | 509,615           | 352,000            | 352,000            | 352,000             | 317,000                            | 287,000                          | (65,000)                                         | (18%)                                                             | Funding for miscellaneous supplies not under contract                                                                                          |
| 4101 Certification Train       | 105               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| 4119 Training & Travel         | -                 | -                  | -                  | -                   | -                                  | 78,200                           | 78,200                                           | 0%                                                                | Funding for various training and memberships                                                                                                   |
| 4299 Other Contributions       | -                 | -                  | -                  | 5,000               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| 4308 Overhead-Fleet            | 15,348            | 16,665             | 16,665             | 16,665              | 16,665                             | 16,665                           | -                                                | 0%                                                                | Internal service charge for fleet operations.                                                                                                  |
| 4337 Servchg-Fire              | 6,076             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| 4346 Servchg-Pking Sys         | 2,382             | 3,200              | 3,200              | -                   | 3,200                              | 3,200                            | -                                                | 0%                                                                | Internal service charge to Parking for MLK Parade, Light up the Beach, New Year's Eve, Halloween, Great American Beach Party, and 4th of July. |
| 4355 Servchg-Print Shop        | 29,523            | 40,900             | 40,900             | 40,900              | 25,500                             | 37,138                           | (3,762)                                          | (9%)                                                              | Internal service charge for printing shop - internal print services for recreation programs and special events.                                |
| 4361 Servchg-Pub Works         | 442               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| 4372 Servchg-Fleet Replacement | 44,314            | 50,373             | 50,373             | 50,374              | 50,373                             | 47,537                           | (2,836)                                          | (6%)                                                              | Internal service charge for fleet replacement costs.                                                                                           |
| 4373 Servchg-Fleet O&M         | 56,532            | 45,993             | 45,993             | 45,994              | 45,993                             | 23,357                           | (22,636)                                         | (49%)                                                             | Internal service charge for vehicle repair and maintenance costs.                                                                              |
| 4374 Servchg-Non Fleet         | 230               | 1,000              | 1,000              | 22                  | -                                  | -                                | (1,000)                                          | (100%)                                                            | Cost allocation for non-Fleet owned vehicle and maintenance costs.                                                                             |
| 5604 Writeoff A/R & Other      | 923               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| <b>Operating Expenses</b>      | <b>4,546,491</b>  | <b>4,684,671</b>   | <b>4,679,246</b>   | <b>4,615,018</b>    | <b>4,582,831</b>                   | <b>3,945,812</b>                 | <b>(738,859)</b>                                 | <b>(16%)</b>                                                      |                                                                                                                                                |
| 6499 Other Equipment           | 48,190            | -                  | 5,425              | 5,425               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                |
| <b>Capital Outlay</b>          | <b>48,190</b>     | <b>-</b>           | <b>5,425</b>       | <b>5,425</b>        | <b>-</b>                           | <b>-</b>                         | <b>-</b>                                         | <b>0%</b>                                                         |                                                                                                                                                |
| <b>Division Total</b>          | <b>13,856,938</b> | <b>14,276,678</b>  | <b>14,276,678</b>  | <b>14,164,654</b>   | <b>14,782,293</b>                  | <b>13,443,388</b>                | <b>(833,290)</b>                                 | <b>-5.8%</b>                                                      |                                                                                                                                                |

## Parks - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                     |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries         | 4,468,526         | 4,761,552          | 4,677,392          | 4,690,370           | 5,124,439                          | 5,124,439                        | 362,887                                          | 9%                                                                |                                                                                                                                                                                                      |
| 1107 Part Time Salaries         | 176,259           | 191,932            | 191,932            | 78,817              | 201,529                            | 201,529                          | 9,597                                            | 5%                                                                | Funding for part-time staff including an increase for cost of living and merit adjustments.                                                                                                          |
| 1110 Sick Conv to Cash          | 13,082            | 1,976              | -                  | 7,280               | -                                  | -                                | (1,976)                                          | 0%                                                                |                                                                                                                                                                                                      |
| 1113 Vac Mgmt Conv              | 6,446             | 1,235              | -                  | 1,379               | -                                  | -                                | (1,235)                                          | 0%                                                                |                                                                                                                                                                                                      |
| 1116 Comp Absences              | (9,372)           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 1119 Payroll Accrual            | (46,122)          | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 1199 Other Reg Salaries         | -                 | 83,450             | 80,964             | 80,964              | 3,815                              | 3,815                            | (79,635)                                         | (92%)                                                             |                                                                                                                                                                                                      |
| 1201 Longevity Pay              | 114,288           | 107,418            | 104,945            | 101,613             | 99,995                             | 99,995                           | (7,423)                                          | (5%)                                                              |                                                                                                                                                                                                      |
| 1204 Longevity Accr             | (1,558)           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 1304 Assignment Pay             | 14,550            | 15,014             | 15,014             | 14,005              | 15,014                             | -                                | (15,014)                                         | (100%)                                                            |                                                                                                                                                                                                      |
| 1310 Shift Differential         | 650               | 653                | 653                | -                   | -                                  | -                                | (653)                                            | (100%)                                                            |                                                                                                                                                                                                      |
| 1313 Standby Pay                | 12,156            | -                  | -                  | 2,551               | 12,626                             | 12,626                           | 12,626                                           | 0%                                                                |                                                                                                                                                                                                      |
| 1401 Car Allowances             | -                 | -                  | 480                | 28,600              | 37,320                             | 37,320                           | 37,320                                           | 0%                                                                |                                                                                                                                                                                                      |
| 1407 Expense Allowances         | 11,760            | 12,960             | 10,080             | 2,271               | -                                  | -                                | (12,960)                                         | (78%)                                                             |                                                                                                                                                                                                      |
| 1413 Cellphone Allowance        | 16,910            | 17,160             | 15,960             | 22,245              | 20,160                             | 20,160                           | 3,000                                            | 24%                                                               |                                                                                                                                                                                                      |
| 1501 Overtime 1.5X Pay          | 104,748           | 137,592            | 137,592            | 134,597             | 144,472                            | 144,472                          | 6,880                                            | 5%                                                                | Funding for overtime driven by call outs for repairs and special events. Staff working traffic details are charged back to Police Department. Includes a 5% increase over FY 2019 Adopted Budget.    |
| 1504 Overtime 1X Pay            | 718               | 546                | 546                | 1,093               | 573                                | 573                              | 27                                               | 5%                                                                |                                                                                                                                                                                                      |
| 1511 O/T - Unplanned - 1.5X Pay | 31                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 1701 Retirement Gifts           | -                 | -                  | -                  | -                   | 250                                | 250                              | 250                                              | 0%                                                                | One retiring employee                                                                                                                                                                                |
| 1707 Sick Termination Pay       | 7,136             | -                  | -                  | 620                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 1710 Vacation Term Pay          | 6,654             | -                  | -                  | 452                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 1799 Other Term Pay             | -                 | -                  | -                  | -                   | 31,098                             | 31,098                           | 31,098                                           | 0%                                                                | One retiring employee                                                                                                                                                                                |
| 2104 Mileage Reimburse          | 65                | 500                | -                  | -                   | -                                  | -                                | (500)                                            | 0%                                                                |                                                                                                                                                                                                      |
| 2119 Wellness Incentives        | 2,500             | -                  | -                  | -                   | -                                  | 11,000                           | 11,000                                           | 0%                                                                |                                                                                                                                                                                                      |
| 2204 Pension - General Emp      | 759,482           | 655,212            | 637,919            | 637,919             | 560,058                            | 560,057                          | (95,155)                                         | (12%)                                                             |                                                                                                                                                                                                      |
| 2299 Pension - Def Cont         | 89,607            | 117,590            | 118,037            | 129,700             | 153,541                            | 153,541                          | 35,951                                           | 30%                                                               |                                                                                                                                                                                                      |
| 2301 Soc Sec/Medicare           | 353,639           | 407,572            | 400,480            | 372,586             | 399,962                            | 399,962                          | (7,610)                                          | (0%)                                                              |                                                                                                                                                                                                      |
| 2304 Supplemental Fica          | -                 | -                  | -                  | -                   | 25,208                             | 25,208                           | 25,208                                           | 0%                                                                | FICA for part-time and overtime                                                                                                                                                                      |
| 2307 Year End FICA Accr         | (4,578)           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 2402 Life Insurance             | -                 | -                  | -                  | -                   | -                                  | 3,302                            | 3,302                                            | 0%                                                                |                                                                                                                                                                                                      |
| 2404 Health Insurance           | 692,435           | 848,437            | 866,674            | 866,674             | 912,769                            | 912,769                          | 64,332                                           | 5%                                                                |                                                                                                                                                                                                      |
| <b>Personal Services</b>        | <b>6,790,012</b>  | <b>7,360,799</b>   | <b>7,258,668</b>   | <b>7,173,736</b>    | <b>7,742,829</b>                   | <b>7,742,116</b>                 | <b>381,317</b>                                   | <b>5%</b>                                                         |                                                                                                                                                                                                      |
| 3104 Arch/Eng Serv              | 350               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 3199 Other Prof Serv            | 14,438            | 19,250             | 19,250             | 19,250              | 9,250                              | 7,500                            | (11,750)                                         | (61%)                                                             | Funding for professional services including archaeological and general contractor services. Moved \$10,000 to 3249 for Ice Rink Security                                                             |
| 3201 Ad/Marketing               | 214               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 3203 Artistic Services          | 22,000            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 3216 Costs/Fees/Permits         | 8,679             | 7,250              | 7,250              | 7,250               | 7,250                              | 57,776                           | 50,526                                           | 697%                                                              | Funding for various county and environmental licenses and permits.                                                                                                                                   |
| 3222 Custodial Services         | 128,823           | 120,000            | 120,000            | 149,188             | 157,000                            | 150,000                          | 30,000                                           | 25%                                                               | Funding for independent custodial services for 23 park locations.                                                                                                                                    |
| 3228 Disposal (Tip) Fees        | 1,125             | -                  | -                  | 200                 | -                                  | 1,000                            | 1,000                                            | 0%                                                                | Funding for the disposal of trash at the County landfill.                                                                                                                                            |
| 3231 Food Services              | -                 | -                  | -                  | 76                  | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 3237 Lawn & Tree Service        | 433,971           | 750,000            | 750,000            | 544,410             | 828,551                            | 764,000                          | 14,000                                           | 2%                                                                | Funding for lawn maintenance, , Right-of-ways, medians and arborist tree trimming contract. NCIP Entryway maintenance was added via B7 in FY19. Huizenga Lease maintenance \$14,000 moved from PKR01 |
| 3246 Recreation Prog            | 121               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 3249 Security Services          | -                 | 1,000              | 1,000              | 9,975               | 11,000                             | 11,000                           | 10,000                                           | 1000%                                                             | Funding for security services. This includes alarm monitoring. Budget based on contract with Protection One Alarm. Ice Rink Security \$10,000 moved from 3199                                        |
| 3255 Solid Waste Collections    | -                 | -                  | -                  | 128                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                      |
| 3299 Other Services             | 141,010           | 54,000             | 54,000             | 54,000              | 54,000                             | 54,000                           | -                                                | 0%                                                                | Funding for other contractual services, including: tree removal, lake maintenance, rust treatment, critter/bee removal.                                                                              |
| 3301 Heavy Equip Rent           | 47,860            | 15,000             | 15,000             | 15,000              | 15,000                             | 15,000                           | -                                                | 0%                                                                | Funding for the rental of equipment such as ATV turtle inspection, tractors, bull dozers for beach and sand removal, lift rentals, or specialty equipment for tree removal or trimming.              |
| 3304 Office Equip Rent          | 1,452             | 1,700              | 1,700              | 1,699               | 1,700                              | 1,700                            | -                                                | 0%                                                                | Funding for repairs, maintenance, or rental of office equipment such as copy machines. Budget is based on Toshiba copier lease.                                                                      |

## Parks - Expenditures

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                          |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3310 Other Equip Rent          | 16,998            | 15,000             | 15,000             | 8,000               | 15,000                             | 15,000                           | -                                                | 0%                                                                | Funding for repairs, maintenance, or rental of other items such as golf-carts, mini storage pods, Port-o-lets, or barricades.                                             |
| 3404 Components/Parts          | 585               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| 3407 Equip Rep & Maint         | 25,752            | 30,000             | 30,000             | 30,000              | 20,000                             | 20,000                           | (10,000)                                         | (33%)                                                             | Funding for repairs and maintenance for service contracts, including fire extinguisher maintenance.                                                                       |
| 3428 Bldg Rep & Maint          | 32,657            | 30,000             | 30,000             | 30,000              | 20,000                             | 30,000                           | -                                                | 0%                                                                | Funding for non-capital related repairs and maintenance, including awning replacements, bleacher repairs, shade structures, and fence repairs.                            |
| 3437 Imp Rep & Maint           | -                 | -                  | -                  | -                   | 20,000                             | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| 3516 Printing Serv - Ext       | 12,495            | 6,000              | 6,000              | 10,801              | 6,000                              | 6,000                            | -                                                | 0%                                                                | Funding for external printing services. Budget based on historical average.                                                                                               |
| 3601 Electricity               | 603,373           | 633,900            | 633,900            | 633,900             | 633,900                            | 615,501                          | (18,399)                                         | (3%)                                                              |                                                                                                                                                                           |
| 3607 Nat/Propane Gas           | 1,979             | 2,500              | 2,500              | 593                 | 2,500                              | 2,500                            | -                                                | 0%                                                                | Funding for propane gas for Park facilities.                                                                                                                              |
| 3628 Telephone/Cable TV        | 7,032             | 6,900              | 6,900              | 6,900               | 6,900                              | 7,200                            | 300                                              | 4%                                                                | Funding for internet access, cable television, and TV internet.                                                                                                           |
| 3634 Water/Sew/Storm           | 2,833,804         | 3,184,716          | 3,184,716          | 3,184,716           | 3,124,269                          | 3,124,269                        | (60,447)                                         | (2%)                                                              | Funding for water, sewer, and storm service for City facilities usage.                                                                                                    |
| 3801 Gasoline                  | 81,650            | 91,738             | 91,738             | 91,738              | 91,738                             | 90,082                           | (1,656)                                          | (2%)                                                              | Funding for gasoline fuel                                                                                                                                                 |
| 3804 Diesel Fuel               | 56,801            | 65,788             | 65,788             | 65,788              | 65,788                             | 64,734                           | (1,054)                                          | (2%)                                                              | Funding for diesel fuel                                                                                                                                                   |
| 3901 Athletic Equip/Sup        | 23,697            | 6,000              | 6,000              | 6,000               | 6,000                              | 6,000                            | -                                                | 0%                                                                | Funding for the purchase of baseball/softball bases, basketball backboards, or other infrastructure for Park facilities. Budget based on age and condition of facilities. |
| 3907 Data Proc Supplies        | 235               | -                  | -                  | 99                  | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| 3910 Electrical Supplies       | -                 | -                  | -                  | 372                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| 3913 Horticultural Sup         | 750,916           | 1,098,491          | 1,199,659          | 1,199,659           | 1,235,659                          | 1,235,659                        | 137,168                                          | 12%                                                               | Funding for Sod and Sod installatin, sand red clay, mulch, plants, trees, pesticides, fertilizer. Irrigation supplies moved from 3999 to 3913                             |
| 3916 Janitorial Supplies       | 4,341             | -                  | -                  | 264                 | -                                  | -                                | -                                                | 0%                                                                | Funding for cleaning supplies moved to Parks and Recreation - Facilities Maintenance.                                                                                     |
| 3925 Office Equip < \$5000     | 3,750             | 4,673              | 4,673              | 4,673               | 4,673                              | 4,673                            | -                                                | 0%                                                                | Funding for equipment less than \$5,000 such as printers, office furniture and chairs.                                                                                    |
| 3928 Office Supplies           | 5,865             | 5,200              | 5,000              | 5,000               | 5,000                              | 5,000                            | (200)                                            | (4%)                                                              | Funding for materials and supplies such as preprinted forms, stationery paper, toner, and copier paper.                                                                   |
| 3937 Safety/Train Mat          | 115               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| 3940 Safety Shoes              | 8,322             | 16,875             | 16,875             | 16,875              | 16,875                             | 16,875                           | -                                                | 0%                                                                | Funding for Safety Shoes                                                                                                                                                  |
| 3946 Tools/Equip < \$5000      | 33,638            | 20,000             | 20,000             | 20,000              | 30,000                             | 30,000                           | 10,000                                           | 50%                                                               | Funding for equipment less than \$5,000 for maintaining Park facilities such as weed eaters, blowers, lawn mower and edgers                                               |
| 3949 Uniforms                  | 22,073            | 27,000             | 27,000             | 27,000              | 25,000                             | 35,000                           | 8,000                                            | 30%                                                               | 175 employees @ \$200/employee for a total of \$35,000                                                                                                                    |
| 3999 Other Supplies            | 366,651           | 390,500            | 390,200            | 390,200             | 289,600                            | 289,600                          | (100,900)                                        | (26%)                                                             | Funding for miscellaneous supplies, signs, hardware and non-contract items.                                                                                               |
| 4119 Training & Travel         | -                 | -                  | -                  | -                   | -                                  | 27,200                           | 27,200                                           | 0%                                                                | Funding for various training and memberships                                                                                                                              |
| 4299 Other Contributions       | 8,500             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| 4308 Overhead-Fleet            | 126,588           | 208,983            | 208,983            | 208,983             | 208,983                            | 208,983                          | -                                                | 0%                                                                | Cost recovery allocation charged by Fleet Services for vehicles assigned to this division.                                                                                |
| 4355 Servchg-Print Shop        | 704               | -                  | -                  | 81                  | 993                                | 993                              | 993                                              | 0%                                                                | Internal Print Shop service charges                                                                                                                                       |
| 4361 Servchg-Pub Works         | 992               | 3,500              | 3,500              | 3,500               | 3,500                              | 3,500                            | -                                                | 0%                                                                | Internal Servchg Pub Works service charges                                                                                                                                |
| 4372 Servchg-Fleet Replacement | 851,257           | 789,237            | 789,237            | 789,238             | 789,237                            | 813,758                          | 24,521                                           | 3%                                                                | Internal Fleet Replacement service charges                                                                                                                                |
| 4373 Servchg-Fleet O&M         | 466,176           | 562,653            | 562,653            | 562,654             | 562,653                            | 524,653                          | (38,000)                                         | (7%)                                                              | Internal Fleet Operating & Maintenance service charges                                                                                                                    |
| 4374 Servchg-Non Fleet         | 16,269            | 5,000              | 5,000              | 615                 | 5,000                              | 5,000                            | -                                                | 0%                                                                | Internal Non-Fleet service charges                                                                                                                                        |
| 5604 Writeoff A/R & Other      | 5,657             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| <b>Operating Expenses</b>      | <b>7,168,915</b>  | <b>8,172,854</b>   | <b>8,273,522</b>   | <b>8,098,825</b>    | <b>8,273,019</b>                   | <b>8,244,156</b>                 | <b>71,302</b>                                    | <b>1%</b>                                                         |                                                                                                                                                                           |
| 6404 Computer Equipment        | -                 | -                  | -                  | 19,186              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                           |
| 6416 Vehicles                  | -                 | 49,156             | 179,156            | 179,155             | -                                  | -                                | (49,156)                                         | (100%)                                                            |                                                                                                                                                                           |
| <b>Capital Outlay</b>          | <b>-</b>          | <b>49,156</b>      | <b>179,156</b>     | <b>198,341</b>      | <b>-</b>                           | <b>-</b>                         | <b>(49,156)</b>                                  | <b>(27%)</b>                                                      |                                                                                                                                                                           |
| <b>Division Total</b>          | <b>13,958,927</b> | <b>15,582,809</b>  | <b>15,711,346</b>  | <b>15,470,902</b>   | <b>16,015,848</b>                  | <b>15,986,272</b>                | <b>403,463</b>                                   | <b>3%</b>                                                         |                                                                                                                                                                           |

## Facilities Maintenance - Expenditures

| Subobject                    | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                            |
|------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries      | 2,392,791         | 2,542,612          | 2,542,612          | 2,374,366           | 2,712,382                          | 2,712,382                        | 169,770                                          | 7%                                                                |                                                                                                                                                                                                             |
| 1107 Part Time Salaries      | 858               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1110 Sick Conv to Cash       | 10,793            | -                  | -                  | 3,180               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1113 Vac Mgmt Conv           | 4,498             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1119 Payroll Accrual         | (405)             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1199 Other Reg Salaries      | -                 | 33,189             | 33,189             | 33,189              | 5,581                              | 5,581                            | (27,608)                                         | (83%)                                                             |                                                                                                                                                                                                             |
| 1201 Longevity Pay           | 43,360            | 45,180             | 45,180             | 45,180              | 45,180                             | 45,180                           | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1304 Assignment Pay          | 8,597             | 8,494              | 8,494              | 8,461               | 8,494                              | -                                | (8,494)                                          | (100%)                                                            |                                                                                                                                                                                                             |
| 1313 Standby Pay             | 48,390            | 34,185             | 34,185             | 34,185              | 34,185                             | 34,185                           | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1316 Upgrade Pay             | 146               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1401 Car Allowances          | 3,000             | 3,000              | 3,000              | 11,400              | 13,080                             | 13,080                           | 10,080                                           | 336%                                                              |                                                                                                                                                                                                             |
| 1407 Expense Allowances      | 3,840             | 3,840              | 3,840              | 1,840               | 1,440                              | 1,440                            | (2,400)                                          | (63%)                                                             |                                                                                                                                                                                                             |
| 1413 Cellphone Allowance     | 14,410            | 12,480             | 12,480             | 14,560              | 14,640                             | 14,640                           | 2,160                                            | 17%                                                               |                                                                                                                                                                                                             |
| 1501 Overtime 1.5X Pay       | 60,247            | 72,345             | 72,345             | 79,730              | 75,962                             | 75,962                           | 3,617                                            | 5%                                                                | Overtime for after hours maintenance, equipment failure or emergencies such as A/C, electrical and plumbing. Event set up and take down                                                                     |
| 1701 Retirement Gifts        | -                 | -                  | -                  | -                   | 250                                | 250                              | 250                                              | 0%                                                                | One employee                                                                                                                                                                                                |
| 1707 Sick Termination Pay    | 1,275             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1710 Vacation Term Pay       | 400               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 1799 Other Term Pay          | -                 | -                  | -                  | -                   | 31,471                             | 31,471                           | 31,471                                           | 0%                                                                | One employee                                                                                                                                                                                                |
| 2104 Mileage Reimburse       | 1,202             | 1,300              | 1,300              | 1,300               | 1,300                              | 1,300                            | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 2119 Wellness Incentives     | 500               | -                  | -                  | -                   | -                                  | 6,500                            | 6,500                                            | 0%                                                                |                                                                                                                                                                                                             |
| 2204 Pension - General Emp   | 362,760           | 283,471            | 283,471            | 283,471             | 274,550                            | 274,549                          | (8,922)                                          | (3%)                                                              |                                                                                                                                                                                                             |
| 2299 Pension - Def Cont      | 72,747            | 83,125             | 83,125             | 67,823              | 92,635                             | 92,635                           | 9,510                                            | 11%                                                               |                                                                                                                                                                                                             |
| 2301 Soc Sec/Medicare        | 185,279           | 464,976            | 464,976            | 188,508             | 211,382                            | 211,382                          | (253,594)                                        | (55%)                                                             |                                                                                                                                                                                                             |
| 2304 Supplemental Fica       | -                 | -                  | -                  | -                   | 5,534                              | 5,534                            | 5,534                                            | 0%                                                                | FICA for overtime                                                                                                                                                                                           |
| 2307 Year End FICA Accr      | (24)              | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 2402 Life Insurance          | -                 | -                  | -                  | -                   | -                                  | 1,748                            | 1,748                                            | 0%                                                                |                                                                                                                                                                                                             |
| 2404 Health Insurance        | 344,467           | 413,920            | 413,920            | 413,920             | 445,925                            | 445,925                          | 32,005                                           | 8%                                                                |                                                                                                                                                                                                             |
| <b>Personal Services</b>     | <b>3,559,131</b>  | <b>4,002,117</b>   | <b>4,002,117</b>   | <b>3,561,113</b>    | <b>3,973,991</b>                   | <b>3,973,744</b>                 | <b>(28,373)</b>                                  | <b>(1%)</b>                                                       |                                                                                                                                                                                                             |
| 3104 Arch/Eng Serv           | -                 | -                  | -                  | 1,566               | 1,566                              | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 3198 Backflow Program        | 30,550            | 578,020            | 578,020            | 578,020             | 578,020                            | 578,020                          | -                                                | 0%                                                                | Funding for backflow program for all PKR locations                                                                                                                                                          |
| 3199 Other Prof Serv         | 57,979            | 20,000             | 196,000            | 196,000             | 20,000                             | 20,000                           | -                                                | 0%                                                                | Funding for mold assessment & remediation, indoor air quality study, environmental services, directional boring, black water mitigation                                                                     |
| 3216 Costs/Fees/Permits      | 5,850             | 5,130              | 5,130              | 5,130               | 5,130                              | 5,130                            | -                                                | 0%                                                                | Funding for building permits, City Hall elevator & basement storage tank permits                                                                                                                            |
| 3222 Custodial Services      | 122,755           | 121,000            | 121,000            | 139,179             | 121,000                            | 121,000                          | -                                                | 0%                                                                | Janitorial services for City facilities                                                                                                                                                                     |
| 3225 Demolitions             | -                 | -                  | -                  | 9,083               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 3228 Disposal (Tip) Fees     | 141               | -                  | -                  | -                   | -                                  | 300                              | 300                                              | 0%                                                                | Funding for the disposal of trash at the County landfill.                                                                                                                                                   |
| 3240 Mgmt/Oper Serv          | 181,692           | 186,502            | 186,502            | 186,502             | 206,014                            | 206,014                          | 19,512                                           | 10%                                                               | Funding for bridge tending services. \$159,742 for the swing bridge maintenance and \$46,272 for new contracts                                                                                              |
| 3249 Security Services       | 634               | 4,353              | 4,353              | -                   | 4,353                              | -                                | (4,353)                                          | (100%)                                                            |                                                                                                                                                                                                             |
| 3255 Solid Waste Collections | 457               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 3299 Other Services          | 349,504           | 500,000            | 500,000            | 500,000             | 500,000                            | 500,000                          | -                                                | 0%                                                                | Purchasing for pole/fixture setting and removal services (new contract FY 2019). Repair sports lighting, pest control services, carpet/floor cleaning, water treatment AC towers, misc. facility assessment |
| 3301 Heavy Equip Rent        | 44,425            | 20,000             | 4,900              | 4,900               | 10,000                             | 10,000                           | (10,000)                                         | (50%)                                                             |                                                                                                                                                                                                             |
| 3304 Office Equip Rent       | 3,436             | 4,300              | 4,300              | 4,300               | 3,500                              | 3,500                            | (800)                                            | (19%)                                                             | Funding for the rental of 3 Toshiba copiers and copy charges                                                                                                                                                |
| 3310 Other Equip Rent        | 25,902            | 1,000              | 1,000              | 62,700              | 25,000                             | 7,000                            | 6,000                                            | 600%                                                              | Equipment such as portable AC's, manlifts and bucket trucks                                                                                                                                                 |
| 3404 Components/Parts        | 1,838             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 3407 Equip Rep & Maint       | 319,509           | 201,500            | 191,350            | 191,350             | 201,500                            | 201,500                          | -                                                | 0%                                                                | Funding for equipment repairs & maintenance. FY 2019 \$10,150 for purchase of Marine vacuum pump replacement                                                                                                |
| 3425 Bldg Rep Materials      | 20,747            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 3428 Bldg Rep & Maint        | 838,531           | 1,065,000          | 1,065,000          | 1,065,001           | 1,065,000                          | 1,065,000                        | -                                                | 0%                                                                | This would be for roof repairs, painting, carpet replacement, AC repairs, misc plumbing repairs,                                                                                                            |
| 3437 Imp Rep & Maint         | 108,741           | -                  | -                  | 21,985              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |
| 3516 Printing Serv - Ext     | 3,007             | 2,500              | 2,500              | 2,500               | 2,500                              | 1,500                            | (1,000)                                          | (40%)                                                             | Funding for external printing services, such as signs                                                                                                                                                       |
| 3601 Electricity             | 2,573,921         | 2,593,300          | 2,593,300          | 2,593,300           | 2,593,300                          | 2,625,657                        | 32,357                                           | 1%                                                                | Funding for electricity                                                                                                                                                                                     |
| 3607 Nat/Propane Gas         | 400               | 1,000              | 1,000              | 400                 | 500                                | 500                              | (500)                                            | (50%)                                                             | Funding for propane gas                                                                                                                                                                                     |
| 3613 Special Delivery        | 459               | 150                | 150                | 150                 | 150                                | 150                              | -                                                | 0%                                                                | Funding for UPS/FedEx delivery                                                                                                                                                                              |
| 3628 Telephone/Cable TV      | 9,183             | 8,000              | 8,000              | 8,000               | 8,000                              | 9,200                            | 1,200                                            | 15%                                                               | Funding for internet access, cable TV internet, and Mi-Fi charges                                                                                                                                           |
| 3634 Water/Sew/Storm         | 52,415            | 53,555             | 53,555             | 53,555              | 57,787                             | 57,787                           | 4,232                                            | 8%                                                                | Funding for water/sewer                                                                                                                                                                                     |
| 3799 Other Chemicals         | 175               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                             |

## Facilities Maintenance - Expenditures

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                             |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3801 Gasoline                  | 45,630            | 57,088             | 57,088             | 57,088              | 57,088                             | 50,468                           | (6,620)                                          | (12%)                                                             | Funding for gasoline fuel as determined by Fleet                                                                                                                                             |
| 3804 Diesel Fuel               | 16,113            | 55,566             | 55,566             | 55,566              | 55,566                             | 17,562                           | (38,004)                                         | (68%)                                                             | Funding for diesel fuel as determined by Fleet                                                                                                                                               |
| 3901 Athletic Equip/Sup        | 1,588             | 2,500              | 2,500              | 3,928               | 4,000                              | 2,500                            | -                                                | 0%                                                                | Funding for athletic equipment and supplies such as tennis court wind screens, volley ball nets/parts, etc. for items done through work orders that Parks does not handle                    |
| 3910 Electrical Supplies       | 370,837           | 222,000            | 222,000            | 222,000             | 340,000                            | 222,000                          | -                                                | 0%                                                                | Funding for the purchase of electrical supplies for street lights. Additional street lights have been added and as manufacturers stop making traditional fixtures, we are replacing with LED |
| 3913 Horticultural Sup         | 1,770             | -                  | -                  | 2,420               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                              |
| 3916 Janitorial Supplies       | 168,198           | 174,000            | 174,000            | 174,000             | 150,000                            | 150,000                          | (24,000)                                         | (14%)                                                             | Funding for cleaning supplies for all PKR locations                                                                                                                                          |
| 3922 Medical Supplies          | -                 | -                  | -                  | 3,988               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                              |
| 3925 Office Equip < \$5000     | -                 | 4,000              | 4,000              | 4,000               | 4,000                              | 4,000                            | -                                                | 0%                                                                | Funding for misc replacements of chairs, keyboards, monitors, file cabinets, etc.                                                                                                            |
| 3928 Office Supplies           | 2,345             | 2,500              | 2,500              | 2,500               | 2,500                              | 2,500                            | -                                                | 0%                                                                | Funding for the purchase of materials & supplies such as preprinted forms, copier paper, stationary, etc.                                                                                    |
| 3940 Safety Shoes              | 6,221             | 5,375              | 5,375              | 7,000               | 6,000                              | 5,500                            | 125                                              | 2%                                                                | Funding for the purchase of Safety Shoes for Facility staff                                                                                                                                  |
| 3946 Tools/Equip < \$5000      | 38,788            | 40,285             | 40,285             | 40,285              | 35,000                             | 35,000                           | (5,285)                                          | (13%)                                                             | Funding for the purchasing of misc tools and equipment                                                                                                                                       |
| 3949 Uniforms                  | 10,530            | 8,600              | 8,600              | 8,600               | 8,600                              | 8,600                            | -                                                | 0%                                                                | Funding for the purchase of uniforms for Facility staff                                                                                                                                      |
| 3999 Other Supplies            | 176,346           | 120,000            | 120,000            | 120,000             | 120,000                            | 120,000                          | -                                                | 0%                                                                | Funding for supplies for Facility staff that are not covered under contract                                                                                                                  |
| 4104 Conferences               | 125               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                              |
| 4119 Training & Travel         | -                 | -                  | -                  | -                   | -                                  | 12,000                           | 12,000                                           | 0%                                                                | Funding for various training and memberships                                                                                                                                                 |
| 4308 Overhead-Fleet            | 27,624            | 52,572             | 52,572             | 52,572              | 52,572                             | 52,572                           | -                                                | 0%                                                                | Internal Overhead - Fleet service charges                                                                                                                                                    |
| 4337 Servchg-Fire              | 5,032             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                | Internal Servchg-Fire service charges                                                                                                                                                        |
| 4355 Servchg-Print Shop        | 355               | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                | Internal Print Shop service charges                                                                                                                                                          |
| 4361 Servchg-Pub Works         | 7,935             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                | Internal Public Works service charges                                                                                                                                                        |
| 4372 Servchg-Fleet Replacement | 174,378           | 177,979            | 177,979            | 177,979             | 177,979                            | 179,864                          | 1,885                                            | 1%                                                                | Internal Fleet Replacement service charges                                                                                                                                                   |
| 4373 Servchg-Fleet O&M         | 101,748           | 135,792            | 135,792            | 135,792             | 135,792                            | 111,242                          | (24,550)                                         | (18%)                                                             | Internal Fleet O&M service charges                                                                                                                                                           |
| 4374 Servchg-Non Fleet         | 363               | -                  | -                  | 22                  | 500                                | 500                              | 500                                              | 0%                                                                | Internal Non - Fleet service charges                                                                                                                                                         |
| <b>Operating Expenses</b>      | <b>5,908,177</b>  | <b>6,429,067</b>   | <b>6,579,817</b>   | <b>6,696,861</b>    | <b>6,558,417</b>                   | <b>6,392,066</b>                 | <b>(37,001)</b>                                  | <b>(1%)</b>                                                       |                                                                                                                                                                                              |
| 6416 Vehicles                  | 32,098            | 133,794            | 133,794            | 133,794             | -                                  | -                                | (133,794)                                        | (100%)                                                            |                                                                                                                                                                                              |
| 6499 Other Equipment           | 47,118            | -                  | 15,100             | 15,100              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                              |
| <b>Capital Outlay</b>          | <b>79,216</b>     | <b>133,794</b>     | <b>148,894</b>     | <b>148,894</b>      | <b>-</b>                           | <b>-</b>                         | <b>(133,794)</b>                                 | <b>(100%)</b>                                                     |                                                                                                                                                                                              |
| <b>Division Total</b>          | <b>9,546,524</b>  | <b>10,564,978</b>  | <b>10,730,828</b>  | <b>10,406,868</b>   | <b>10,532,408</b>                  | <b>10,365,810</b>                | <b>(199,168)</b>                                 | <b>-1.9%</b>                                                      |                                                                                                                                                                                              |



# Marine Facilities - Expenditures

| Subsubject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                 |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries    | 467,310           | 513,780            | 513,780            | 516,062             | 545,396                            | 545,396                          | 31,616                                        | 6%                                                                |                                                                                                                                                  |
| 1107 Part Time Salaries    | 22,657            | 17,700             | 17,700             | 18,709              | 18,585                             | 18,585                           | 885                                           | 5%                                                                |                                                                                                                                                  |
| 1110 Sick Conv to Cash     | 2,387             | -                  | -                  | 1,543               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 1113 Vac Mgmt Conv         | 749               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 1119 Payroll Accrual       | 132               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 1199 Other Reg Salaries    | -                 | 5,503              | 5,503              | 5,503               | -                                  | -                                | (5,503)                                       | (100%)                                                            |                                                                                                                                                  |
| 1201 Longevity Pay         | 3,792             | 4,125              | 4,125              | 4,125               | 4,125                              | 4,125                            | -                                             | 0%                                                                |                                                                                                                                                  |
| 1401 Car Allowances        | 3,000             | 3,000              | 3,000              | 6,400               | 7,080                              | 7,080                            | 4,080                                         | 136%                                                              |                                                                                                                                                  |
| 1407 Expense Allowances    | 2,400             | 2,400              | 2,400              | 1,600               | 1,440                              | 1,440                            | (960)                                         | (40%)                                                             |                                                                                                                                                  |
| 1413 Cellphone Allowance   | 2,120             | 1,680              | 1,680              | 2,160               | 2,160                              | 2,160                            | 480                                           | 29%                                                               |                                                                                                                                                  |
| 1501 Overtime 1.5X Pay     | 19,568            | 16,380             | 16,380             | 23,861              | 17,199                             | 17,199                           | 819                                           | 5%                                                                | Overtime for holidays & weekends,<br>24-7 day operation                                                                                          |
| 1707 Sick Termination Pay  | 4,431             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 1710 Vacation Term Pay     | 10,523            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 2119 Wellness Incentives   | -                 | -                  | -                  | -                   | -                                  | 1,000                            | 1,000                                         | 0%                                                                |                                                                                                                                                  |
| 2204 Pension - General Emp | 48,734            | 33,684             | 33,684             | 33,684              | 33,704                             | 33,704                           | 20                                            | 0%                                                                |                                                                                                                                                  |
| 2299 Pension - Def Cont    | 19,773            | 26,182             | 26,182             | 23,932              | 27,758                             | 27,758                           | 1,576                                         | 6%                                                                |                                                                                                                                                  |
| 2301 Soc Sec/Medicare      | 39,978            | 44,383             | 44,383             | 42,445              | 42,037                             | 42,037                           | (2,346)                                       | (5%)                                                              |                                                                                                                                                  |
| 2304 Supplemental Fica     | -                 | -                  | -                  | -                   | 3,063                              | 3,063                            | 3,063                                         | 0%                                                                | FICA for part-time and overtime                                                                                                                  |
| 2307 Year End FICA Accr    | 65                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 2402 Life Insurance        | -                 | -                  | -                  | -                   | -                                  | 352                              | 352                                           | 0%                                                                |                                                                                                                                                  |
| 2404 Health Insurance      | 69,895            | 83,824             | 83,824             | 83,824              | 90,604                             | 90,604                           | 6,780                                         | 8%                                                                |                                                                                                                                                  |
| <b>Personal Services</b>   | <b>717,514</b>    | <b>752,641</b>     | <b>752,641</b>     | <b>763,848</b>      | <b>793,151</b>                     | <b>794,503</b>                   | <b>41,862</b>                                 | <b>6%</b>                                                         |                                                                                                                                                  |
| 3113 Fin & Bank Serv       | 49,230            | 70,000             | 70,000             | 18,350              | 70,000                             | 50,000                           | (20,000)                                      | (29%)                                                             | Credit card charges                                                                                                                              |
| 3199 Other Prof Serv       | 25                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3201 Ad/Marketing          | 8,808             | 7,000              | 7,000              | 7,000               | 7,000                              | 7,000                            | -                                             | 0%                                                                | Waterway Guide, Maptech<br>promotional items and ads for public<br>notices                                                                       |
| 3210 Clerical Services     | 1,848             | 2,600              | 2,600              | 2,600               | 2,600                              | 2,600                            | -                                             | 0%                                                                | Prototype, Marine Advisory Board<br>minutes                                                                                                      |
| 3216 Costs/Fees/Permits    | 13,426            | 12,378             | 12,378             | 22,358              | 17,102                             | 17,102                           | 4,724                                         | 38%                                                               | Broward County Recording Fees,<br>Manatee permit, FDEP permit                                                                                    |
| 3243 Prizes & Awards       | 72                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3249 Security Services     | 81,570            | 82,980             | 82,980             | 80,032              | 117,480                            | 82,980                           | -                                             | 0%                                                                | Funding for armed security services,<br>increased by 5% due to rebid of<br>contract Jan 2020                                                     |
| 3299 Other Services        | 4,880             | 9,700              | 9,700              | 9,700               | 18,400                             | 9,700                            | -                                             | 0%                                                                | Funding for pest control services and<br>pump out maintenance                                                                                    |
| 3304 Office Equip Rent     | 3,528             | 4,000              | 4,000              | 4,000               | 3,648                              | 3,648                            | (352)                                         | (9%)                                                              | Funding for Toshiba lease and copy<br>charges                                                                                                    |
| 3313 Land Leases           | 79,091            | 110,100            | 110,100            | 65,414              | 168,570                            | 168,570                          | 58,470                                        | 53%                                                               | FDOT Air Space agreement (water<br>taxi lease \$10,100). Submerged land<br>lease fees are estimated based on the<br>revenue for all the Marina's |
| 3319 Office Space Rent     | 26,196            | 26,499             | 26,499             | 17,666              | 27,029                             | 35,175                           | 8,676                                         | 33%                                                               | Marine office lease, new lease<br>\$35,175 annually                                                                                              |
| 3401 Computer Maint        | -                 | 2,200              | 2,200              | 2,200               | 2,200                              | 2,200                            | -                                             | 0%                                                                | Rec Trac Marine upgrade<br>maintenance, PCI compliance                                                                                           |
| 3404 Components/Parts      | 5,322             | 1,500              | 1,500              | 1,500               | 1,875                              | 1,875                            | 375                                           | 25%                                                               | Funding for dock parts                                                                                                                           |
| 3407 Equip Rep & Maint     | 2,189             | 6,500              | 6,500              | 6,500               | 9,500                              | 9,500                            | 3,000                                         | 46%                                                               | Fundign for Dock Master boat<br>maintenance                                                                                                      |
| 3437 Imp Rep & Maint       | 12,284            | 8,500              | 8,500              | 8,500               | 28,500                             | 30,000                           | 21,500                                        | 253%                                                              | Funding for floating dock repairs and<br>piling replacements, additional pilings<br>need repairs                                                 |
| 3516 Printing Serv - Ext   | 973               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3601 Electricity           | 192,292           | 197,700            | 197,700            | 179,612             | 197,700                            | 196,157                          | (1,543)                                       | (1%)                                                              | Funding for electricity                                                                                                                          |
| 3607 Nat/Propane Gas       | 1,481             | 3,000              | 3,000              | 1,180               | 3,000                              | 3,000                            | -                                             | 0%                                                                | Funding for electricity                                                                                                                          |
| 3613 Special Delivery      | 7                 | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3628 Telephone/Cable TV    | 25,239            | 28,500             | 28,500             | 39,551              | 28,500                             | 25,500                           | (3,000)                                       | (11%)                                                             | Funding for Comcast Cable and Wi-Fi<br>for dock customers                                                                                        |
| 3634 Water/Sew/Storm       | 165,602           | 256,450            | 256,450            | 256,450             | 182,577                            | 182,577                          | (73,873)                                      | (29%)                                                             | Funding for water/sewer                                                                                                                          |
| 3801 Gasoline              | 960               | 2,041              | 2,041              | 138                 | 2,041                              | 996                              | (1,045)                                       | (51%)                                                             | Funding for gasoline fuel as<br>determined by Fleet                                                                                              |
| 3807 Oil & Lubricants      | 40                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3910 Electrical Supplies   | 128               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3916 Janitorial Supplies   | 2,814             | 2,850              | 2,850              | 2,850               | 2,500                              | 2,500                            | (350)                                         | (12%)                                                             | Funding for misc janitorial supplies                                                                                                             |
| 3925 Office Equip < \$5000 | 165               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3928 Office Supplies       | 1,124             | 900                | 900                | 900                 | 900                                | 900                              | -                                             | 0%                                                                | Funding for the purchase of materials<br>& supplies such as preprinted forms,<br>copier paper, and stationary                                    |
| 3934 Recreatn Equip/Sup    | 335               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3937 Safety/Train Mat      | 601               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3943 Sanitation Carts      | 111               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3946 Tools/Equip < \$5000  | 1,532             | -                  | -                  | 278                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                  |
| 3949 Uniforms              | 426               | 500                | 500                | 500                 | 500                                | 500                              | -                                             | 0%                                                                | Funding for uniforms for Marine staff                                                                                                            |

## Marine Facilities - Expenditures

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                               |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 3999 Other Supplies            | 4,459             | 6,800              | 6,800              | 6,800               | 7,100                              | 6,800                            | -                                             | 0%                                                                | Funding for misc supplies for Marine staff that are not covered under contract |
| 4110 Meetings                  | 240               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                |
| 4113 Memberships/Dues          | 500               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                |
| 4119 Training & Travel         | -                 | -                  | -                  | -                   | -                                  | 7,200                            | 7,200                                         | 0%                                                                | Funding for various training and memberships                                   |
| 4308 Overhead-Fleet            | 1,200             | 1,013              | 1,013              | 1,013               | 1,013                              | 1,013                            | -                                             | 0%                                                                | Internal Overhead - Fleet service charges                                      |
| 4337 Servchg-Fire              | 738               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                | Internal Fire service charges                                                  |
| 4372 Servchg-Fleet Replacement | 7,445             | 7,308              | 7,308              | 7,308               | 7,308                              | 6,930                            | (378)                                         | (5%)                                                              | Internal fleet replacement service charges                                     |
| 4373 Servchg-Fleet O&M         | 4,392             | 56                 | 56                 | 56                  | 56                                 | 3,822                            | 3,766                                         | 6725%                                                             | Internal fleet Operating & Maintenance service charges                         |
| <b>Operating Expenses</b>      | <b>701,273</b>    | <b>851,075</b>     | <b>851,075</b>     | <b>742,456</b>      | <b>907,099</b>                     | <b>858,245</b>                   | <b>7,170</b>                                  | <b>1%</b>                                                         |                                                                                |
| 6499 Other Equipment           | -                 | -                  | 10,150             | 10,150              | -                                  | -                                | -                                             | 0%                                                                |                                                                                |
| <b>Capital Outlay</b>          | <b>-</b>          | <b>-</b>           | <b>10,150</b>      | <b>10,150</b>       | <b>-</b>                           | <b>-</b>                         | <b>-</b>                                      | <b>0%</b>                                                         |                                                                                |
| <b>Division Total</b>          | <b>1,418,787</b>  | <b>1,603,716</b>   | <b>1,613,866</b>   | <b>1,516,454</b>    | <b>1,700,250</b>                   | <b>1,652,748</b>                 | <b>49,032</b>                                 | <b>3.1%</b>                                                       |                                                                                |



# Parks & Recreation Sanitation Fund





# Parks and Recreation Department - Sanitation Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-----------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Sanitation Fund - 409 | \$ 12,566,880     | 12,284,487         | 12,351,987         | 11,761,550          | 11,816,278                       | 12,465,626                       | 181,139                           | 1.5%                  |
| <b>Total Funding</b>  | <b>12,566,880</b> | <b>12,284,487</b>  | <b>12,351,987</b>  | <b>11,761,550</b>   | <b>11,816,278</b>                | <b>12,465,626</b>                | <b>181,139</b>                    | <b>1.5%</b>           |

### Financial Summary - Program Expenditures

|                           | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|---------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Sanitation                | 12,566,880        | 12,284,487         | 12,351,987         | 11,761,550          | 11,816,278                       | 12,465,626                       | 181,139                           | 1.5%                  |
| <b>Total Expenditures</b> | <b>12,566,880</b> | <b>12,284,487</b>  | <b>12,351,987</b>  | <b>11,761,550</b>   | <b>11,816,278</b>                | <b>12,465,626</b>                | <b>181,139</b>                    | <b>1.5%</b>           |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual    | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|----------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | 6,975,671            | 7,394,512          | 7,462,012          | 7,228,922           | 7,759,531                        | 7,838,899                        | 444,387                           | 6.0%                  |
| Operating Expenses                  | 4,261,551            | 4,058,566          | 4,058,566          | 3,701,220           | 4,056,747                        | 3,930,428                        | (128,138)                         | (3.2%)                |
| Capital Outlay                      | 1,329,658            | 831,409            | 831,409            | 831,408             | -                                | 696,299                          | (135,110)                         | (16.3%)               |
| <b>Total Expenditures</b>           | <b>\$ 12,566,880</b> | <b>12,284,487</b>  | <b>12,351,987</b>  | <b>11,761,550</b>   | <b>11,816,278</b>                | <b>12,465,626</b>                | <b>181,139</b>                    | <b>1.5%</b>           |
| <i>Full Time Equivalents (FTEs)</i> | <i>103.4</i>         | <i>103.4</i>       | <i>103.4</i>       | <i>103.4</i>        | <i>103.4</i>                     | <i>103.4</i>                     | <i>-</i>                          | <i>0.0%</i>           |

#### FY 2020 Major Variances

##### Personal Services

|                                                         |            |
|---------------------------------------------------------|------------|
| Increase due to contractual wage adjustments            | \$ 263,807 |
| Increase in vehicle, expense, and cell phone allowances | 18,600     |
| Increase due to General Employee Pension allocation     | 36,734     |
| Increase in health insurance costs                      | 63,605     |

##### Operating Expenses

|                                                                            |          |
|----------------------------------------------------------------------------|----------|
| Reduction in contractual custodial services                                | (18,000) |
| Reduction in disposal (tip) fees for the disposal of contaminated material | (50,551) |
| Reduction in diesel fuel costs                                             | (75,048) |

##### Capital Outlay

|                                                                |         |
|----------------------------------------------------------------|---------|
| Increase to fund vehicles scheduled for replacement in FY 2020 | 696,299 |
|----------------------------------------------------------------|---------|

# **Parks and Recreation Department**

## **Sanitation**

### **Division Description**

This Division provides sanitation services to the City's neighbors. The Division is responsible for removal of refuse and bulk items. The Division is also responsible for cleaning bus shelters, beach debris, canal debris, parking lots cleanup, and maintenance of public places, such as alleys and City-owned lots. Additional services carried out by the Division include identification and cleanup of code violations. The Division also participates in special event cleanup and is trained to address all levels of disaster preparation and recovery.

### **FY 2019 Major Accomplishments**

- Added temporary public restrooms at two locations on Fort Lauderdale Beach prior to Spring Break.
- Obtained Federal Emergency Management Agency, (FEMA) certification for the sanitation team to be prepared for weather related and various city emergencies.

### **FY 2020 Major Projects and Initiatives**

- Transition to new software, Accela, which will be the new program Code Officers use to track compliance issues with properties in the City. Accela will allow our neighbors to view their cases and pay their bills online making the process seamless.

# Descriptions & Line Items By Division







## Sanitation - Revenues

| Subobject                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Revenues                                                                                                                                                                                                                                                                                                   |
|--------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| J177 Bulk Trash Pickup         | 32,447            | 43,000             | 43,000             | 43,000              | 43,000                             | 43,000                           | -                                                | 0%                                                                | This fee is charged to solid waste collection customers, at their request to remove debris from their property that is excess of the allowed 10 cubic yard monthly service.                                                                                                                                         |
| J180 Lot Cleaning Charges      | 66,760            | 30,000             | 30,000             | 30,000              | 60,000                             | 60,000                           | 30,000                                           | 100%                                                              | Service is privatized by DSD. Revenue is from accounts that were sent to collections                                                                                                                                                                                                                                |
| J181 Parking Lot Cleaning Fees | 180,832           | 178,500            | 178,500            | 178,500             | 365,031                            | 180,000                          | 1,500                                            | 1%                                                                | This revenue is derived from charges to Parking for sweeping lots within their jurisdiction.                                                                                                                                                                                                                        |
| J184 Trash Removal Fees        | 100,315           | 150,000            | 150,000            | 150,000             | 160,000                            | 160,000                          | 10,000                                           | 7%                                                                | This revenue is collected as a result of Code Enforcement citing property owners with illegal accumulation of debris on their property. Minimum fine is \$240 for up to 10 cubic yards and \$13/yard for additional cubic yards. Estimate is per historical trends. Revenue reallocated from PKR080301 to PKR080601 |
| N404 Vehicle Sale Proceeds     | 541,623           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                | Vehicles Sale unknown                                                                                                                                                                                                                                                                                               |
| <b>Total</b>                   | <b>921,977</b>    | <b>401,500</b>     | <b>401,500</b>     | <b>401,500</b>      | <b>628,031</b>                     | <b>443,000</b>                   | <b>41,500</b>                                    | <b>10.3%</b>                                                      |                                                                                                                                                                                                                                                                                                                     |

# Sanitation - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                              |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | 4,052,484         | 4,371,997          | 4,371,997          | 4,254,086           | 4,565,574                          | 4,635,804                        | 263,807                                          | 6%                                                                |                                                                                                                                                                               |
| 1107 Part Time Salaries              | 185,550           | 175,285            | 175,285            | 198,670             | 184,049                            | 184,049                          | 8,764                                            | 5%                                                                | Funding for part-time staff including an increase for cost of living and merit adjustments.                                                                                   |
| 1110 Sick Conv to Cash               | 10,188            | -                  | -                  | 1,150               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 1113 Vac Mgmt Conv                   | 5,298             | -                  | -                  | 865                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 1116 Comp Absences                   | 56                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 1119 Payroll Accrual                 | 10,294            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 1199 Other Reg Salaries              | -                 | 50,388             | 50,388             | 50,388              | 427                                | 427                              | (49,961)                                         | (99%)                                                             |                                                                                                                                                                               |
| 1201 Longevity Pay                   | 68,886            | 71,204             | 71,204             | 75,586              | 71,313                             | 71,313                           | 109                                              | 0%                                                                |                                                                                                                                                                               |
| 1304 Assignment Pay                  | 225               | -                  | -                  | 45                  | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 1310 Shift Differential              | 125               | -                  | -                  | 2,600               | 2,600                              | 2,600                            | 2,600                                            | 0%                                                                |                                                                                                                                                                               |
| 1316 Upgrade Pay                     | 459               | 500                | 500                | 1,672               | 300                                | 300                              | (200)                                            | (40%)                                                             |                                                                                                                                                                               |
| 1401 Car Allowances                  | -                 | -                  | -                  | 18,400              | 25,080                             | 25,080                           | 25,080                                           | 0%                                                                |                                                                                                                                                                               |
| 1407 Expense Allowances              | 8,320             | 9,120              | 9,120              | 2,720               | 1,440                              | 1,440                            | (7,680)                                          | (84%)                                                             |                                                                                                                                                                               |
| 1413 Cellphone Allowance             | 10,280            | 10,320             | 10,320             | 10,720              | 11,520                             | 11,520                           | 1,200                                            | 12%                                                               |                                                                                                                                                                               |
| 1501 Overtime 1.5X Pay               | 184,526           | 164,000            | 164,000            | 150,876             | 172,200                            | 172,200                          | 8,200                                            | 5%                                                                | Funding for special events                                                                                                                                                    |
| 1504 Overtime 1X Pay                 | 1,013             | 2,184              | 2,184              | 2,071               | 2,293                              | 2,293                            | 109                                              | 5%                                                                | Funding for special events                                                                                                                                                    |
| 1701 Retirement Gifts                | -                 | 250                | 250                | 250                 | 250                                | -                                | (250)                                            | (100%)                                                            |                                                                                                                                                                               |
| 1707 Sick Termination Pay            | 257               | -                  | -                  | 10                  | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 1710 Vacation Term Pay               | 5,872             | -                  | -                  | 46                  | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 1799 Other Term Pay                  | -                 | 17,847             | 17,847             | -                   | 17,847                             | -                                | (17,847)                                         | (100%)                                                            |                                                                                                                                                                               |
| 1801 Core Adjustments                | -                 | 5,000              | 72,500             | -                   | 72,500                             | -                                | (5,000)                                          | (100%)                                                            |                                                                                                                                                                               |
| 2119 Wellness Incentives             | 1,500             | -                  | -                  | -                   | -                                  | 11,500                           | 11,500                                           | 0%                                                                |                                                                                                                                                                               |
| 2204 Pension - General Emp           | 495,397           | 440,456            | 440,456            | 440,456             | 477,225                            | 477,190                          | 36,734                                           | 8%                                                                |                                                                                                                                                                               |
| 2299 Pension - Def Cont              | 154,550           | 182,908            | 182,908            | 147,684             | 178,790                            | 181,541                          | (1,367)                                          | (1%)                                                              |                                                                                                                                                                               |
| 2301 Soc Sec/Medicare                | 323,728           | 362,663            | 362,663            | 340,237             | 354,951                            | 360,325                          | (2,338)                                          | (1%)                                                              |                                                                                                                                                                               |
| 2304 Supplemental Fica               | -                 | -                  | -                  | -                   | 27,177                             | 27,177                           | 27,177                                           | 0%                                                                | FICA for part-time and overtime                                                                                                                                               |
| 2307 Year End FICA Accr              | (307)             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 2,987                            | 2,987                                            | 0%                                                                |                                                                                                                                                                               |
| 2404 Health Insurance                | 809,170           | 813,123            | 813,123            | 813,123             | 876,728                            | 876,728                          | 63,605                                           | 8%                                                                |                                                                                                                                                                               |
| 2410 Workers' Comp                   | 207,309           | 265,267            | 265,267            | 265,267             | 265,267                            | 265,267                          | -                                                | 0%                                                                |                                                                                                                                                                               |
| 9237 Transfer To Special Obligations | 440,491           | 452,000            | 452,000            | 452,000             | 452,000                            | 529,158                          | 77,158                                           | 17%                                                               |                                                                                                                                                                               |
| <b>Personal Services</b>             | <b>6,975,671</b>  | <b>7,394,512</b>   | <b>7,462,012</b>   | <b>7,228,922</b>    | <b>7,759,531</b>                   | <b>7,838,899</b>                 | <b>444,387</b>                                   | <b>6%</b>                                                         |                                                                                                                                                                               |
| 3198 Backflow Program                | -                 | 63,785             | 63,785             | 63,785              | 63,785                             | 63,785                           | -                                                | 0%                                                                | Funding for backflow program for Sanitation, cost determined by Sustainability                                                                                                |
| 3216 Costs/Fees/Permits              | 42                | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                                | 0%                                                                | Funding for licenses and permits                                                                                                                                              |
| 3222 Custodial Services              | 42,864            | 178,000            | 178,000            | 178,000             | 153,500                            | 160,000                          | (18,000)                                         | (10%)                                                             | Funding for custodial services - special event cleaning, costs based on contract. Reduced 3299 budget to accommodate all expenditures to post here in FY 2020                 |
| 3228 Disposal (Tip) Fees             | 890,899           | 1,030,031          | 1,030,031          | 1,030,031           | 1,030,031                          | 979,480                          | (50,551)                                         | (5%)                                                              | Disposal of garbage for City Bulk Trash, Code Maintenance, City Parks Waterways - Public Space Collection, Mills Pond Park, Holiday Park, Snyder Park, Special Event Disposal |
| 3237 Lawn & Tree Service             | 20,499            | 24,735             | 24,735             | 22,292              | 24,735                             | 24,735                           | -                                                | 0%                                                                | Funding for mowing services at Wingate                                                                                                                                        |
| 3249 Security Services               | 340               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 3255 Solid Waste Collections         | 58,452            | 85,910             | 85,910             | 85,910              | 85,910                             | 64,140                           | (21,770)                                         | (25%)                                                             | Funding for south beach, special event, garbage dumpster roll off services at parks facilities                                                                                |
| 3299 Other Services                  | 84,703            | 5,000              | 5,000              | 5,001               | 5,000                              | 5,000                            | -                                                | 0%                                                                | Funding for contractual services including account collections for code billings                                                                                              |
| 3301 Heavy Equip Rent                | 18,850            | 18,000             | 18,000             | 18,000              | 18,000                             | 18,000                           | -                                                | 0%                                                                | Funding for the rental of equipment such as ATV turtle inspection, tractors, bull dozers for beach and sand removal, and lift rentals.                                        |
| 3304 Office Equip Rent               | 1,430             | 1,764              | 1,764              | 1,764               | 1,764                              | 1,764                            | -                                                | 0%                                                                | Funding for Toshiba lease and copy charges                                                                                                                                    |
| 3404 Components/Parts                | 201               | 3,850              | 3,850              | 3,850               | 3,850                              | -                                | (3,850)                                          | (100%)                                                            |                                                                                                                                                                               |
| 3407 Equip Rep & Maint               | 3,191             | 7,000              | 7,000              | 7,000               | 7,000                              | 3,500                            | (3,500)                                          | (50%)                                                             | Boats and mower repairs                                                                                                                                                       |
| 3601 Electricity                     | 4,648             | 5,200              | 5,200              | 340                 | 5,200                              | 4,741                            | (459)                                            | (9%)                                                              | Funding for electricity                                                                                                                                                       |
| 3607 Nat/Propane Gas                 | -                 | 500                | 500                | -                   | 500                                | 500                              | -                                                | 0%                                                                | Funding for propane gas for mower                                                                                                                                             |
| 3628 Telephone/Cable Tv              | 25,376            | 25,400             | 25,400             | 25,400              | 25,400                             | 25,600                           | 200                                              | 1%                                                                | Funding for internet access, cable TV, and Mi-Fi                                                                                                                              |
| 3634 Water/Sew/Storm                 | 58,232            | 74,006             | 74,006             | 74,006              | 64,201                             | 64,201                           | (9,805)                                          | (13%)                                                             | Funding for water, sewer, and storm service.                                                                                                                                  |
| 3801 Gasoline                        | 64,780            | 71,032             | 71,032             | 9,839               | 71,032                             | 71,210                           | 178                                              | 0%                                                                | Funding for gasoline fuel                                                                                                                                                     |
| 3804 Diesel Fuel                     | 208,334           | 313,977            | 313,977            | 33,420              | 313,977                            | 238,929                          | (75,048)                                         | (24%)                                                             | Funding for diesel fuel                                                                                                                                                       |
| 3807 Oil & Lubricants                | -                 | 11,000             | 11,000             | 11,000              | 11,000                             | -                                | (11,000)                                         | (100%)                                                            | Funding for oil for sanitation vehicles                                                                                                                                       |
| 3907 Data Proc Supplies              | 377               | -                  | -                  | 228                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                               |
| 3916 Janitorial Supplies             | 4,899             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                | Funding for cleaning supplies for sanitation restroom                                                                                                                         |
| 3925 Office Equip < \$5000           | 3,887             | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                                | 0%                                                                | Funding for equipment less than \$5,000 such as printers, office furniture and chairs                                                                                         |
| 3928 Office Supplies                 | 298               | 2,700              | 2,700              | 2,700               | 2,700                              | 1,500                            | (1,200)                                          | (44%)                                                             | Funding for materials and supplies such as preprinted forms, stationery paper, toner, and copier paper                                                                        |
| 3937 Safety/Train Mat                | 5,181             | 2,800              | 2,800              | 2,800               | 2,800                              | 2,800                            | -                                                | 0%                                                                | Funding for safety supplies glasses and safety cones, rain gear                                                                                                               |
| 3940 Safety Shoes                    | 8,019             | 13,250             | 13,250             | 13,250              | 13,250                             | 13,250                           | -                                                | 0%                                                                | Safety Shoes for 106 employees at \$125/employee                                                                                                                              |
| 3943 Sanitation Carts                | (23,661)          | 64,600             | 64,600             | 64,600              | 64,600                             | 64,600                           | -                                                | 0%                                                                | Funding for trash cans for public places including the replacement of waste receptacle lids.                                                                                  |
| 3946 Tools/Equip < \$5000            | 2,173             | 4,000              | 4,000              | 4,000               | 4,000                              | 4,000                            | -                                                | 0%                                                                | Funding for sanitation services equipment less than \$5,000 including power tools and cleaning equipment                                                                      |

## Sanitation - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 3949 Uniforms             | 10,952            | 11,600             | 11,600             | 11,600              | 11,600                             | 11,600                           | -                                                | 0%                                                                | Funding for uniforms                                                                                            |
| 3999 Other Supplies       | 86,055            | 80,000             | 80,000             | 80,001              | 91,500                             | 50,000                           | (30,000)                                         | (38%)                                                             | Garbage bags, gloves, safety vest, hardware, locks, shovel, broom, garden rack, wheelbarrow, and other supplies |
| 4113 Memberships/Dues     | 120               | 120                | 120                | 120                 | 90                                 | -                                | (120)                                            | (100%)                                                            |                                                                                                                 |
| 4119 Training & Travel    | -                 | -                  | -                  | -                   | -                                  | 21,600                           | 21,600                                           | 0%                                                                | Funding for code enforcement memberships                                                                        |
| 4213 Retiree Health Bene  | 14,400            | 19,200             | 19,200             | 19,200              | 19,200                             | 24,000                           | 4,800                                            | 25%                                                               | Internal service charge                                                                                         |
| 4304 Indirect Admin Serv  | 811,028           | 734,160            | 734,160            | 734,160             | 867,132                            | 867,132                          | 132,972                                          | 18%                                                               | Internal service charge                                                                                         |
| 4308 Overhead-Fleet       | 240,382           | 147,811            | 147,811            | 147,811             | 147,811                            | 147,811                          | -                                                | 0%                                                                | Internal service charge                                                                                         |
| 4343 Servchg-Info Sys     | 85,336            | 96,068             | 96,068             | 96,068              | 96,068                             | 96,068                           | -                                                | 0%                                                                | Internal service charge                                                                                         |
| 4352 Servchg-Police       | 111,956           | 111,956            | 111,956            | 111,959             | -                                  | 111,956                          | -                                                | 0%                                                                | Internal service charge                                                                                         |
| 4355 Servchg-Print Shop   | 1,570             | 1,250              | 1,250              | 1,250               | 1,250                              | 1,250                            | -                                                | 0%                                                                | Internal Service Charge for Printing bulk and code brochure                                                     |
| 4370 Servchg-Treasury     | 214,099           | 203,274            | 203,274            | 203,275             | 203,274                            | 203,274                          | -                                                | 0%                                                                | Internal treasury service charges                                                                               |
| 4373 Servchg-Fleet O&M    | 877,094           | 397,883            | 397,883            | 397,883             | 397,883                            | 335,298                          | (62,585)                                         | (16%)                                                             | Internal service charge for fleet operating & maintenance                                                       |
| 4374 Servchg-Non Fleet    | 15,195            | 10,000             | 10,000             | 1,972               | 10,000                             | 10,000                           | -                                                | 0%                                                                | Internal non-fleet service charges                                                                              |
| 4401 Auto Liability       | 143,738           | 135,770            | 135,770            | 135,770             | 135,770                            | 135,770                          | -                                                | 0%                                                                | Internal auto liability service charges                                                                         |
| 4407 Emp Proceedings      | 15,229            | 24,001             | 24,001             | 24,001              | 24,001                             | 24,001                           | -                                                | 0%                                                                | Internal employee proceedings service charges                                                                   |
| 4410 General Liability    | 60,537            | 68,673             | 68,673             | 68,674              | 68,673                             | 68,673                           | -                                                | 0%                                                                | Internal general liability service charges                                                                      |
| 4416 Other Ins Charges    | 43,911            | 1,362              | 1,362              | 1,362               | 1,362                              | 1,362                            | -                                                | 0%                                                                | Internal other insurance service charges                                                                        |
| 4428 Prop/Fire Insurance  | 2,002             | 1,898              | 1,898              | 1,898               | 1,898                              | 1,898                            | -                                                | 0%                                                                | Internal property/fire service charges                                                                          |
| 5604 Writeoff A/R & Other | 43,933            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                 |
| <b>Operating Expenses</b> | <b>4,261,551</b>  | <b>4,058,566</b>   | <b>4,058,566</b>   | <b>3,701,220</b>    | <b>4,056,747</b>                   | <b>3,930,428</b>                 | <b>(128,138)</b>                                 | <b>(3%)</b>                                                       |                                                                                                                 |
| 6416 Vehicles             | 1,329,658         | 831,409            | 831,409            | 831,408             | -                                  | 696,299                          | (135,110)                                        | (16%)                                                             | Vehicles replacement                                                                                            |
| <b>Capital Outlay</b>     | <b>1,329,658</b>  | <b>831,409</b>     | <b>831,409</b>     | <b>831,408</b>      | <b>-</b>                           | <b>696,299</b>                   | <b>(135,110)</b>                                 | <b>(16%)</b>                                                      |                                                                                                                 |
| <b>Division Total</b>     | <b>12,566,880</b> | <b>12,284,487</b>  | <b>12,351,987</b>  | <b>11,761,550</b>   | <b>11,816,278</b>                  | <b>12,465,626</b>                | <b>181,139</b>                                   | <b>1%</b>                                                         |                                                                                                                 |



# Parks & Recreation Cemetery Fund





# Parks and Recreation Department - Cemetery Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|----------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Cemetery Fund - 430  | -                 | 5,321,017          | 5,321,017          | 5,284,783           | 4,481,799                        | 4,544,812                        | (776,205)                         | (14.6%)               |
| <b>Total Funding</b> | -                 | <b>5,321,017</b>   | <b>5,321,017</b>   | <b>5,284,783</b>    | <b>4,481,799</b>                 | <b>4,544,812</b>                 | <b>(776,205)</b>                  | <b>(14.6%)</b>        |

### Financial Summary - Program Expenditures

|                                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Parks                           | -                 | 3,967,481          | 3,967,481          | 3,931,247           | 3,306,263                        | 3,369,276                        | (598,205)                         | (15.1%)               |
| Transfer to General Fund        | -                 | 738,536            | 738,536            | 738,536             | 738,536                          | 738,536                          | -                                 | 0.0%                  |
| Transfer to Perpetual Care Fund | -                 | 615,000            | 615,000            | 615,000             | 437,000                          | 437,000                          | (178,000)                         | (28.9%)               |
| <b>Total Expenditures</b>       | -                 | <b>5,321,017</b>   | <b>5,321,017</b>   | <b>5,284,783</b>    | <b>4,481,799</b>                 | <b>4,544,812</b>                 | <b>(776,205)</b>                  | <b>(14.6%)</b>        |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | -                 | 1,952,175          | 1,952,175          | 1,812,454           | 2,313,510                        | 2,358,781                        | 406,606                           | 20.8%                 |
| Operating Expenses                  | -                 | 1,263,006          | 1,263,006          | 1,302,929           | 992,753                          | 1,010,495                        | (252,511)                         | (20.0%)               |
| Capital Outlay                      | -                 | 752,300            | 752,300            | 815,864             | -                                | -                                | (752,300)                         | (100.0%)              |
| Transfer to General Fund            | -                 | 738,536            | 738,536            | 738,536             | 738,536                          | 738,536                          | -                                 | 0.0%                  |
| Transfer to Perpetual Care Fund     | -                 | 615,000            | 615,000            | 615,000             | 437,000                          | 437,000                          | (178,000)                         | (28.9%)               |
| <b>Total Expenditures</b>           | -                 | <b>5,321,017</b>   | <b>5,321,017</b>   | <b>5,284,783</b>    | <b>4,481,799</b>                 | <b>4,544,812</b>                 | <b>(776,205)</b>                  | <b>(14.6%)</b>        |
| <i>Full Time Equivalents (FTEs)</i> | -                 | <i>34.0</i>        | <i>34.0</i>        | <i>34.0</i>         | <i>34.0</i>                      | <i>34.0</i>                      | -                                 | <i>0.0%</i>           |

**\*\* FY 2019 Adopted Budget was approved in October and was the first budget for this division**

#### FY 2020 Major Variances

##### Personal Services

|                                                          |            |
|----------------------------------------------------------|------------|
| Increase in salaries due to contractual wage adjustments | \$ 370,374 |
| Increase in retirement benefits                          | 36,232     |

##### Operating Expenses

|                                                     |           |
|-----------------------------------------------------|-----------|
| Reduction in one-time computer and office equipment | (156,263) |
| Reduction of merchandise expenses                   | (98,875)  |
| Increase in training & travel expenses              | 10,200    |
| Increase in costs of tools & equipment              | 10,000    |

##### Capital Outlay

|                                                       |           |
|-------------------------------------------------------|-----------|
| Reduction in one-time vehicle and equipment purchases | (732,300) |
|-------------------------------------------------------|-----------|



# **Parks and Recreation Department**

## **Cemeteries**

### **Division Description**

The City of Fort Lauderdale owns four cemeteries within the City limits. The Parks and Recreation department recently absorbed the administrative and land maintenance duties for all four cemeteries to enhance the quality of service. The properties play an important role in preserving the history of Fort Lauderdale as well as serving the needs of current and future residents.

Evergreen Cemetery is one of the oldest cemeteries in Broward County and it is located in the Rio Vista neighborhood. Evergreen was established from a portion of a 90 acres estate owned by Mr. and Mrs. Ed T. King between 1910 and 1911. The City of Fort Lauderdale purchased the first few acres of the King Family land in 1917 for \$2,000 and continued to purchase portions of the parcel until 1938; by then the City acquired a total of 11 acres.

Lauderdale Memorial Park Cemetery was established in 1945 when The City of Fort Lauderdale purchased the 56 acres. The property has a veterans' garden with a monument to honor all veterans that served our country and hosts the City's largest Memorial Day ceremony annually.

Sunset Memorial Gardens Cemetery property was purchased in 1959 and opened to service City of Fort Lauderdale neighbors in 1961. The property consists of 30 acres and offers full burials, a community mausoleum, and hedge estates (concrete or marble wall of urns).

Woodlawn Cemetery is an historical resting place of many pioneering African-American residents. Previous owners abandoned the property and no burial records exist of those interred in the cemetery. In the 1990's the City of Fort Lauderdale acquired the property to retain part of its heritage and renovated the burial site. At this time, no new burials are allowed at Woodlawn.

### **FY 2019 Major Accomplishments**

- Conducted All-Hands work day at Lauderdale Memorial Park in October where participants added new landscaping and trees, painted and replaced the lights in the mausoleum, removed dead plants, and replaced all landscaping around the front office.
- Conducted All-Hands work day at Sunset Memorial Gardens in December where participants added new landscaping and trees, painted and replaced lights in the mausoleum, removed dead plants, and replaced the outdated sign at the office.
- Increased the level of service for maintenance at the cemeteries to mimic the level of service provided at City Parks.
- Completed the Cemetery Master Plan which was accepted by the City Commission.

# **Parks and Recreation Department**

## **Cemeteries, continued**

### **FY 2020 Major Projects and Initiatives**

- Install smart irrigation controllers at Sunset Memorial Gardens and Lauderdale Memorial Park to implement sustainable irrigation practices which will generate substantial savings.
- Identify a suitable cemetery management software.
- Initiate the implementation of the Cemetery Master Plan.



# Descriptions & Line Items By Division





## Parks Cemetery Fund - Revenues

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Department Response                                                                                  |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| J193 Cemetery Merchandise  | -                 | 578,875            | 578,875            | 859,356             | 500,000                            | 792,000                          | 213,125                                          | 37%                                                               | Cemetery merchandise sold at need                                                                    |
| J194 Perpetual Maintenance | -                 | 1,514,300          | 1,514,300          | 1,514,300           | 1,100,000                          | 800,000                          | (714,300)                                        | -47%                                                              | Maintenance reimbursement from Perpetual Care Fund                                                   |
| J196 Cemetery Services     | -                 | -                  | -                  | 2,230               | -                                  | -                                | -                                                | 0%                                                                | Moved to J193                                                                                        |
| J197 Cemetery-Carriage     | -                 | -                  | -                  | 17,178              | -                                  | -                                | -                                                | 0%                                                                | Total to be moved to 219-450032 for Carriage Services                                                |
| N416 Sale of Lots At N     | -                 | 1,521,316          | 1,521,316          | 1,583,271           | 1,300,000                          | 1,400,000                        | (121,316)                                        | -8%                                                               | Cemetery lots sold at need                                                                           |
| N417 Sale of Lots Pre      | -                 | 1,715,526          | 1,715,526          | 483,700             | 500,000                            | 900,000                          | (815,526)                                        | -48%                                                              | Sale of pre-arranged lots, amount decreased because we cannot sell pre need merchandise and services |
| <b>Total</b>               | -                 | <b>5,330,017</b>   | <b>5,330,017</b>   | <b>4,460,035</b>    | <b>3,400,000</b>                   | <b>3,892,000</b>                 | <b>(1,438,017)</b>                               | <b>-27.0%</b>                                                     |                                                                                                      |

## Parks Cemetery Fund - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                            |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | -                 | 1,347,250          | 1,347,250          | 1,203,655           | 1,651,721                          | 1,651,721                        | 304,471                                          | 23%                                                               |                                                                                                                             |
| 1110 Sick Conv to Cash               | -                 | 1,976              | 1,976              | 1,976               | 1,976                              | -                                | (1,976)                                          | (100%)                                                            |                                                                                                                             |
| 1113 Vac Mgmt Conv                   | -                 | 1,235              | 1,235              | 1,235               | 1,235                              | -                                | (1,235)                                          | (100%)                                                            |                                                                                                                             |
| 1119 Payroll Accrual                 | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 1199 Other Reg Salaries              | -                 | 2,486              | 2,486              | 2,486               | -                                  | -                                | (2,486)                                          | (100%)                                                            |                                                                                                                             |
| 1201 Longevity Pay                   | -                 | 2,473              | 2,473              | 2,473               | 6,111                              | 6,111                            | 3,638                                            | 147%                                                              |                                                                                                                             |
| 1401 Car Allowances                  | -                 | 960                | 960                | 11,800              | 14,160                             | 14,160                           | 13,200                                           | 1375%                                                             |                                                                                                                             |
| 1407 Expense Allowances              | -                 | 5,760              | 5,760              | 2,640               | 1,440                              | 1,440                            | (4,320)                                          | (75%)                                                             |                                                                                                                             |
| 1413 Cellphone Allowance             | -                 | 4,560              | 4,560              | 3,500               | 2,880                              | 2,880                            | (1,680)                                          | (37%)                                                             |                                                                                                                             |
| 1501 Overtime 1.5X Pay               | -                 | -                  | -                  | 38,717              | 25,000                             | -                                | -                                                | 0%                                                                | Overtime for maintenance and burial services at the Cemeteries                                                              |
| 1504 Overtime 1X Pay                 | -                 | -                  | -                  | 363                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 2104 Mileage Reimburse               | -                 | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                |                                                                                                                             |
| 2119 Wellness Incentives             | -                 | -                  | -                  | -                   | -                                  | 500                              | 500                                              | 0%                                                                |                                                                                                                             |
| 2204 Pension - General Emp           | -                 | 17,293             | 17,293             | 17,293              | 44,002                             | 44,002                           | 26,709                                           | 154%                                                              |                                                                                                                             |
| 2299 Pension - Def Cont              | -                 | 113,229            | 113,229            | 81,910              | 126,826                            | 126,879                          | 13,650                                           | 12%                                                               |                                                                                                                             |
| 2301 Soc Sec/Medicare                | -                 | 103,756            | 103,756            | 93,209              | 103,756                            | 126,826                          | 23,070                                           | 22%                                                               |                                                                                                                             |
| 2307 Year End FICA Accr              | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 1,064                            | 1,064                                            | 0%                                                                |                                                                                                                             |
| 2404 Health Insurance                | -                 | 350,697            | 350,697            | 350,697             | 333,903                            | 333,903                          | (16,794)                                         | (5%)                                                              |                                                                                                                             |
| 9237 Transfer To Special Obligations | -                 | -                  | -                  | -                   | -                                  | 48,795                           | 48,795                                           | 0%                                                                |                                                                                                                             |
| <b>Personal Services</b>             | -                 | <b>1,952,175</b>   | <b>1,952,175</b>   | <b>1,812,454</b>    | <b>2,313,510</b>                   | <b>2,358,781</b>                 | <b>406,606</b>                                   | <b>21%</b>                                                        |                                                                                                                             |
| 3119 Legal Services                  | -                 | -                  | -                  | 12,819              | 20,000                             | 20,000                           | 20,000                                           | 0%                                                                | Funding for legal services pertaining to the cemeteries                                                                     |
| 3198 Backflow Program                | -                 | 3,000              | 3,000              | 3,000               | 3,000                              | 3,000                            | -                                                | 0%                                                                |                                                                                                                             |
| 3216 Costs/Fees/Permits              | -                 | 1,250              | 1,250              | 1,250               | 1,250                              | 1,250                            | -                                                | 0%                                                                |                                                                                                                             |
| 3222 Custodial Services              | -                 | 21,600             | 21,600             | 25,152              | 25,200                             | 25,200                           | 3,600                                            | 17%                                                               | Same cost for FY 2020                                                                                                       |
| 3249 Security Services               | -                 | 3,380              | 3,380              | -                   | 3,380                              | 3,380                            | -                                                | 0%                                                                | Based on contract                                                                                                           |
| 3255 Solid Waste Collections         | -                 | 12,000             | 12,000             | 12,000              | 12,000                             | 3,848                            | (8,152)                                          | (68%)                                                             |                                                                                                                             |
| 3299 Other Services                  | -                 | 131,263            | 131,263            | 131,263             | 20,000                             | 20,000                           | (111,263)                                        | (85%)                                                             |                                                                                                                             |
| 3304 Office Equip Rent               | -                 | 14,120             | 14,120             | 14,120              | 14,120                             | 14,120                           | -                                                | 0%                                                                |                                                                                                                             |
| 3310 Other Equip Rent                | -                 | 2,000              | 2,000              | -                   | 2,000                              | 2,000                            | -                                                | 0%                                                                | Table and chair rentals, if needed, for burial and internment services                                                      |
| 3404 Components/Parts                | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 3407 Equip Rep & Maint               | -                 | -                  | -                  | 500                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 3413 Tires                           | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 3428 Bldg Rep & Maint                | -                 | 8,000              | 8,000              | 20,305              | 30,000                             | 8,000                            | -                                                | 0%                                                                | Funding for various repairs including roofs, awnings, fences, etc.                                                          |
| 3437 Imp Rep & Maint                 | -                 | 4,000              | 4,000              | 4,000               | -                                  | -                                | (4,000)                                          | (100%)                                                            |                                                                                                                             |
| 3516 Printing Serv - Ext             | -                 | 6,200              | 6,200              | 6,200               | 6,200                              | 6,200                            | -                                                | 0%                                                                |                                                                                                                             |
| 3601 Electricity                     | -                 | 40,100             | 40,100             | 40,100              | 40,100                             | 40,100                           | -                                                | 0%                                                                |                                                                                                                             |
| 3613 Special Delivery                | -                 | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                |                                                                                                                             |
| 3616 Postage                         | -                 | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                |                                                                                                                             |
| 3628 Telephone/Cable TV              | -                 | 12,700             | 12,700             | 12,700              | 12,700                             | 1,400                            | (11,300)                                         | (89%)                                                             |                                                                                                                             |
| 3634 Water/Sew/Storm                 | -                 | 115,693            | 115,693            | 115,693             | 121,478                            | 121,478                          | 5,785                                            | 5%                                                                |                                                                                                                             |
| 3801 Gasoline                        | -                 | 64,000             | 64,000             | 63,000              | 64,000                             | 20,000                           | (44,000)                                         | (69%)                                                             |                                                                                                                             |
| 3804 Diesel Fuel                     | -                 | -                  | -                  | 5,000               | -                                  | 5,000                            | 5,000                                            | 0%                                                                |                                                                                                                             |
| 3907 Data Proc Supplies              | -                 | -                  | -                  | 3,225               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 3913 Horticultural Sup               | -                 | 75,600             | 75,600             | 75,600              | 75,600                             | 75,600                           | -                                                | 0%                                                                | Funding for supplies such as mulch, plants, fertilizer, etc.                                                                |
| 3916 Janitorial Supplies             | -                 | 2,000              | 2,000              | 5,000               | 3,000                              | 3,000                            | 1,000                                            | 50%                                                               |                                                                                                                             |
| 3925 Office Equip < \$5000           | -                 | 47,000             | 47,000             | 47,000              | 2,000                              | 6,800                            | (40,200)                                         | (86%)                                                             |                                                                                                                             |
| 3928 Office Supplies                 | -                 | 27,700             | 27,700             | 27,700              | 27,700                             | 17,700                           | (10,000)                                         | (36%)                                                             |                                                                                                                             |
| 3940 Safety Shoes                    | -                 | 2,625              | 2,625              | 2,625               | 2,625                              | 2,625                            | -                                                | 0%                                                                |                                                                                                                             |
| 3946 Tools/Equip < \$5000            | -                 | -                  | -                  | 5,000               | 10,000                             | 10,000                           | 10,000                                           | 0%                                                                |                                                                                                                             |
| 3949 Uniforms                        | -                 | 6,400              | 6,400              | 6,400               | 6,400                              | 6,400                            | -                                                | 0%                                                                |                                                                                                                             |
| 3999 Other Supplies                  | -                 | 648,875            | 648,875            | 648,875             | 480,000                            | 550,000                          | (98,875)                                         | (15%)                                                             | Funding for costs of merchandise to sale to customers and various supplies for maintenance staff not covered under contract |
| 4101 Certification Train             | -                 | 2,000              | 2,000              | 2,000               | 2,000                              | -                                | (2,000)                                          | (100%)                                                            |                                                                                                                             |
| 4119 Training & Travel               | -                 | -                  | -                  | -                   | -                                  | 12,200                           | 12,200                                           | 0%                                                                |                                                                                                                             |
| 4304 Indirect Admin Serv             | -                 | -                  | -                  | 1,902               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 4352 Servchg-Police                  | -                 | 1,000              | 1,000              | -                   | -                                  | -                                | (1,000)                                          | (100%)                                                            |                                                                                                                             |
| 4355 Servchg-Print Shop              | -                 | 5,000              | 5,000              | 5,000               | 2,500                              | 2,500                            | (2,500)                                          | (50%)                                                             |                                                                                                                             |
| 4373 Servchg-Fleet O&M               | -                 | -                  | -                  | -                   | -                                  | 23,194                           | 23,194                                           | 0%                                                                |                                                                                                                             |
| <b>Operating Expenses</b>            | -                 | <b>1,263,006</b>   | <b>1,263,006</b>   | <b>1,302,929</b>    | <b>992,753</b>                     | <b>1,010,495</b>                 | <b>(252,511)</b>                                 | <b>(20%)</b>                                                      |                                                                                                                             |
| 6404 Computer Equipment              | -                 | -                  | -                  | 23,701              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                             |
| 6405 Computer Software               | -                 | 20,000             | 20,000             | 20,000              | -                                  | -                                | (20,000)                                         | (100%)                                                            |                                                                                                                             |
| 6416 Vehicles                        | -                 | 546,000            | 546,000            | 585,863             | -                                  | -                                | (546,000)                                        | (100%)                                                            |                                                                                                                             |
| 6499 Other Equipment                 | -                 | 186,300            | 186,300            | 186,300             | -                                  | -                                | (186,300)                                        | (100%)                                                            |                                                                                                                             |
| <b>Capital Outlay</b>                | -                 | <b>752,300</b>     | <b>752,300</b>     | <b>815,864</b>      | <b>-</b>                           | <b>-</b>                         | <b>(752,300)</b>                                 | <b>(100%)</b>                                                     |                                                                                                                             |
| 9001 Transfer To General Fund        | -                 | 738,536            | 738,536            | 738,536             | 738,536                            | 738,536                          | -                                                | 0%                                                                |                                                                                                                             |
| 9627 Transfer To Perpetual Care Fund | -                 | 615,000            | 615,000            | 615,000             | 437,000                            | 437,000                          | (178,000)                                        | (29%)                                                             |                                                                                                                             |
| <b>Transfers</b>                     | -                 | <b>1,353,536</b>   | <b>1,353,536</b>   | <b>1,353,536</b>    | <b>1,175,536</b>                   | <b>1,175,536</b>                 | <b>(178,000)</b>                                 | <b>(13%)</b>                                                      |                                                                                                                             |
| <b>Division Total</b>                | -                 | <b>5,321,017</b>   | <b>5,321,017</b>   | <b>5,284,783</b>    | <b>4,481,799</b>                   | <b>4,544,812</b>                 | <b>(776,205)</b>                                 | <b>(15%)</b>                                                      |                                                                                                                             |

# Parks and Recreation Perpetual Care Fund







# Parks and Recreation Department - Perpetual Care Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                           | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|---------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Perpetual Care Fund - 627 | 1,152,190         | 847,607            | 847,607            | 847,607             | 811,419                          | 861,419                          | 13,812                            | 1.6%                  |
| <b>Total Funding</b>      | <b>1,152,190</b>  | <b>847,607</b>     | <b>847,607</b>     | <b>847,607</b>      | <b>811,419</b>                   | <b>861,419</b>                   | <b>13,812</b>                     | <b>1.6%</b>           |

### Financial Summary - Program Expenditures

|                           | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|---------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Perpetual Care            | 1,152,190         | 847,607            | 847,607            | 847,607             | 811,419                          | 861,419                          | 13,812                            | 1.6%                  |
| <b>Total Expenditures</b> | <b>1,152,190</b>  | <b>847,607</b>     | <b>847,607</b>     | <b>847,607</b>      | <b>811,419</b>                   | <b>861,419</b>                   | <b>13,812</b>                     | <b>1.6%</b>           |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Operating Expenses                  | 1,152,190         | 847,607            | 847,607            | 847,607             | 811,419                          | 861,419                          | 13,812                            | 1.6%                  |
| <b>Total Expenditures</b>           | <b>1,152,190</b>  | <b>847,607</b>     | <b>847,607</b>     | <b>847,607</b>      | <b>811,419</b>                   | <b>861,419</b>                   | <b>13,812</b>                     | <b>1.6%</b>           |
| <i>Full Time Equivalents (FTEs)</i> | -                 | -                  | -                  | -                   | -                                | -                                | -                                 | 0.0%                  |

#### FY 2020 Major Variances

No Major Experiences



# Descriptions & Line Items By Division





## Perpetual Care - Revenues

| Subobject                     | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Department Response                                   |
|-------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|
| N101 Earn-Non Pool Invest     | 927,744           | 830,000            | 830,000            | 830,000             | 700,000                            | 700,000                          | (130,000)                                        | -16%                                                              |                                                       |
| N409 Sale Of Lots             | 659,363           | 615,000            | 615,000            | 615,000             | 615,000                            | 437,000                          | (178,000)                                        | -29%                                                              | Maintenance reimbursement from Perpetual Care account |
| N476 Gain/Loss Of Investments | 392,316           | -                  | -                  | -                   | 200,000                            | 200,000                          | 200,000                                          | 0%                                                                |                                                       |
| N900 Miscellaneous Income     | 18                | 7,500              | 7,500              | 7,500               | 200                                | 200                              | (7,300)                                          | -97%                                                              |                                                       |
| <b>Total</b>                  | <b>1,979,441</b>  | <b>1,452,500</b>   | <b>1,452,500</b>   | <b>1,452,500</b>    | <b>1,515,200</b>                   | <b>1,337,200</b>                 | <b>(115,300)</b>                                 | <b>-7.9%</b>                                                      |                                                       |

## Perpetual Care - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                              |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3101 Acct & Auditing      | 45,000            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                | FY 2018 Additional audit conducted, none anticipated for FY 2020                                                                                                                                                              |
| 3113 Fin & Bank Serv      | 82,812            | 90,000             | 90,000             | 90,000              | 54,000                             | 54,000                           | (36,000)                                         | (40%)                                                             |                                                                                                                                                                                                                               |
| 3240 Mgmt/Oper Serv       | 752,856           | 750,000            | 750,000            | 750,000             | 750,000                            | 800,000                          | 50,000                                           | 7%                                                                | Reimbursement approved by the Cemetery Board of Trustees for the care of the cemeteries, including reconstruction, maintenance and repairs. The maximum reimbursement allowed is the amount earned in dividends and interest. |
| 3299 Other Services       | 245,656           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                | FY 2018 Cemetery Master Plan was conducted, none anticipated for FY 2020                                                                                                                                                      |
| 3437 Imp Rep & Maint      | 25,866            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                               |
| 4304 Indirect Admin Serv  | -                 | 7,607              | 7,607              | 7,607               | 7,419                              | 7,419                            | (188)                                            | (2%)                                                              |                                                                                                                                                                                                                               |
| <b>Operating Expenses</b> | <b>1,152,190</b>  | <b>847,607</b>     | <b>847,607</b>     | <b>847,607</b>      | <b>811,419</b>                     | <b>861,419</b>                   | <b>13,812</b>                                    | <b>2%</b>                                                         |                                                                                                                                                                                                                               |
| <b>Division Total</b>     | <b>1,152,190</b>  | <b>847,607</b>     | <b>847,607</b>     | <b>847,607</b>      | <b>811,419</b>                     | <b>861,419</b>                   | <b>13,812</b>                                    | <b>2%</b>                                                         |                                                                                                                                                                                                                               |

# Community Investment Plan (CIP)









## FACILITY ASSESSMENT - ROOFING PRIORITIES

### PROJECT#: 12161

**Project Mgr:** Enrique Sanchez  
**Department:** Parks and Recreation  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Various Locations  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project supports the repair and replacement of roofs, roof finishes, roof openings, gutters and downspouts at all City facilities.

**Justification:** Roofing projects are identified and prioritized during regular inspections or if damage or leaks are reported.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** CityFacilities

#### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$     | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i> |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                      | 6599  | \$209,725        | \$250,000        | \$250,000        | \$250,000        | \$250,000        | \$250,000        |                             | \$1,459,725        |
| Total Fund 331:                          |       | \$209,725        | \$250,000        | \$250,000        | \$250,000        | \$250,000        | \$250,000        |                             | \$1,459,725        |
| <b>GRAND TOTAL:</b>                      |       | <b>\$209,725</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$250,000</b> |                             | <b>\$1,459,725</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No impact on the operating budget.

#### Cost Estimate Justification:

Costs are based on 2014 Comprehensive Facilities Conditions Assessment.

#### Strategic Connections:

**Cylinder:** Internal Support

**Strategic Goals:** Be a leader government organization, managing resources wisely and sustainably

**Objectives:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## FACILITY ASSESSMENT - HVAC PRIORITIES

**PROJECT#: 12162**

**Project Mgr:** Enrique Sanchez  
**Department:** Parks and Recreation  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Various Locations  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project supports the repair and replacement of all equipment, distribution systems, controls, and energy supply systems required by the heating, ventilating and air conditioning system, electrical distribution systems (including panels), lighting end devices and emergency power generation, plumbing fixtures and domestic water distribution at all City facilities.

**Justification:** HVAC and electrical projects are identified and prioritized during regular inspections or as damages and deficiencies are reported.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$     | FY 2020            | FY 2021            | FY 2022            | FY 2023            | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------------|-------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>        |       |                  |                    |                    |                    |                    |                    |                             |                    |
| 331                                             | 6599  | \$806,492        | \$1,300,000        | \$1,300,000        | \$1,300,000        | \$1,300,000        | \$1,300,000        | \$1,300,000                 | \$7,306,492        |
| <i>CIP - General Fund   EQUIPMENT PURCHASES</i> |       |                  |                    |                    |                    |                    |                    |                             |                    |
| 331                                             | 6564  | \$(23,978)       |                    |                    |                    |                    |                    |                             | \$(23,978)         |
| Total Fund 331:                                 |       | \$782,514        | \$1,300,000        | \$1,300,000        | \$1,300,000        | \$1,300,000        | \$1,300,000        | \$1,300,000                 | \$7,282,514        |
| <b>GRAND TOTAL:</b>                             |       | <b>\$782,514</b> | <b>\$1,300,000</b> | <b>\$1,300,000</b> | <b>\$1,300,000</b> | <b>\$1,300,000</b> | <b>\$1,300,000</b> | <b>\$1,300,000</b>          | <b>\$7,282,514</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No impact on operating budget.

### Cost Estimate Justification:

Cost is based on 2014 Comprehensive Facilities Conditions Assessment.

### Strategic Connections:

**Cylinder:** Internal Support

**Strategic Goals:** Be a leader government organization, managing resources wisely and sustainably

**Objectives:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 2



# FACILITY ASSESSMENT - EXTERIOR REPAIR /CONSTRUCT

## PROJECT#: 12163

**Project Mgr:** Enrique Sanchez  
**Department:** Parks and Recreation  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Various Locations  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project supports the repair and replacement for deficiencies of exterior facing facilities such as exterior load bearing walls, windows, columns, finishes such as stucco, floor construction, structural frame, and roof framework, parking lots fencing and retaining walls, interior windows and doors, interior finishes of walls, floors and ceiling, stair construction and handrails at all City facilities.

**Justification:** Exterior repair and construction projects are identified and prioritized during regular inspections or as damages and deficiencies are reported.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$     | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|--------------------------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>   |       |                  |                  |                  |                  |                  |                  |                       |                    |
| 331                                        | 6599  | \$654,050        | \$250,000        | \$250,000        | \$250,000        | \$250,000        | \$250,000        |                       | \$1,904,050        |
| <i>CIP - General Fund   ADMINISTRATION</i> |       |                  |                  |                  |                  |                  |                  |                       |                    |
| 331                                        | 6550  | \$(20,463)       |                  |                  |                  |                  |                  |                       | \$(20,463)         |
| Total Fund 331:                            |       | \$633,587        | \$250,000        | \$250,000        | \$250,000        | \$250,000        | \$250,000        |                       | \$1,883,587        |
| <b>GRAND TOTAL:</b>                        |       | <b>\$633,587</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$250,000</b> |                       | <b>\$1,883,587</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No impact to the operating budget.

### Cost Estimate Justification:

Cost based on 2014 Comprehensive Facilities Conditions Assessment.

### Strategic Connections:

**Cylinder:** Internal Support

**Strategic Goals:** Be a leader government organization, managing resources wisely and sustainably

**Objectives:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 1



# FACILITY ASSESSMENT - INTERIOR REPAIR/CONSTRUCTION

## PROJECT#: 12164

**Project Mgr:** Enrique Sanchez  
**Department:** Parks and Recreation  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Various Locations  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project supports the repair and replacement of the interior windows, doors, interior finishes of walls, floors, ceilings, stair construction and handrails at all City facilities.

**Justification:** Interior repair and construction projects are identified and prioritized during regular inspections or as damages and deficiencies are reported.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                                         | USAGE | AVAILABLE \$     | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>       |       |                  |                  |                  |                  |                  |                  |                       |                    |
| 331                                            | 6599  | \$932,113        | \$200,000        | \$200,000        | \$200,000        | \$200,000        | \$200,000        |                       | \$1,932,113        |
| <i>CIP - General Fund   ARCHITECTURAL FEES</i> |       |                  |                  |                  |                  |                  |                  |                       |                    |
| 331                                            | 6530  | \$(25,317)       |                  |                  |                  |                  |                  |                       | \$(25,317)         |
| <i>CIP - General Fund   ADMINISTRATION</i>     |       |                  |                  |                  |                  |                  |                  |                       |                    |
| 331                                            | 6550  | \$(13,013)       |                  |                  |                  |                  |                  |                       | \$(13,013)         |
| Total Fund 331:                                |       | \$893,783        | \$200,000        | \$200,000        | \$200,000        | \$200,000        | \$200,000        |                       | \$1,893,783        |
| <b>GRAND TOTAL:</b>                            |       | <b>\$893,783</b> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$200,000</b> | <b>\$200,000</b> |                       | <b>\$1,893,783</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No impact on the operating budget.

### Cost Estimate Justification:

Costs based on the 2014 Comprehensive Facility Condition Assessment.

### Strategic Connections:

**Cylinder:** Internal Support

**Strategic Goals:** Be a leader government organization, managing resources wisely and sustainably

**Objectives:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## PARK IMPACT FEES - LAND ACQUISITION

### PROJECT#: FY 20190784

**Project Mgr:** Phil Thornburg  
**Department:** Parks and Recreation  
**Fund:** 350 Park Impact Fee  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Various Locations  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** Program to provide funds for acquisition of property to construct new Parks within the City of Fort Lauderdale. Funds transferred on an as-needed basis when projects are identified and project numbers are assigned.

**Justification:** Provide funds for acquisition of property within the City for future development options to enhance our open spaces for our neighbors.

**Source Of the Justification:** Parks & Rec Long Range Strategic Plan (7/1/08, CAR08-0707, Item 1A)

**Project Type:** Parks

#### Project Funding Summary:

| SOURCE                                    | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------|-------|--------------|---------|---------|---------|---------|--------------------|-----------------------------|--------------------|
| <i>Park Impact Fee   LAND ACQUISITION</i> |       |              |         |         |         |         |                    |                             |                    |
| 350                                       | 6504  |              |         |         |         |         | \$6,849,181        |                             | \$6,849,181        |
| Total Fund 350:                           |       |              |         |         |         |         | \$6,849,181        |                             | \$6,849,181        |
| <b>GRAND TOTAL:</b>                       |       |              |         |         |         |         | <b>\$6,849,181</b> |                             | <b>\$6,849,181</b> |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

#### Strategic Connections:

**Cylinder:** Public Places

**Strategic Goals:** Be a community that finds opportunities and leverages partnerships to create unique, inviting and connected gathering places that highlight our beaches, waterways, urban areas and parks

**Objectives:** Improve access to and enjoyment of our beach, Riverwalk, waterways, parks and open spaces for everyone

#### Quarters To Perform Each Task:

**Initiation / Planning:** 0

**Design / Permitting:** 0

**Bidding / Award:** 0

**Construction / Closeout:** 0

# ~ Notes ~





# CITY OF FORT LAUDERDALE FY 2020 DEPARTMENT REQUEST

## Public Works Department





# Public Works Department

## Department Description

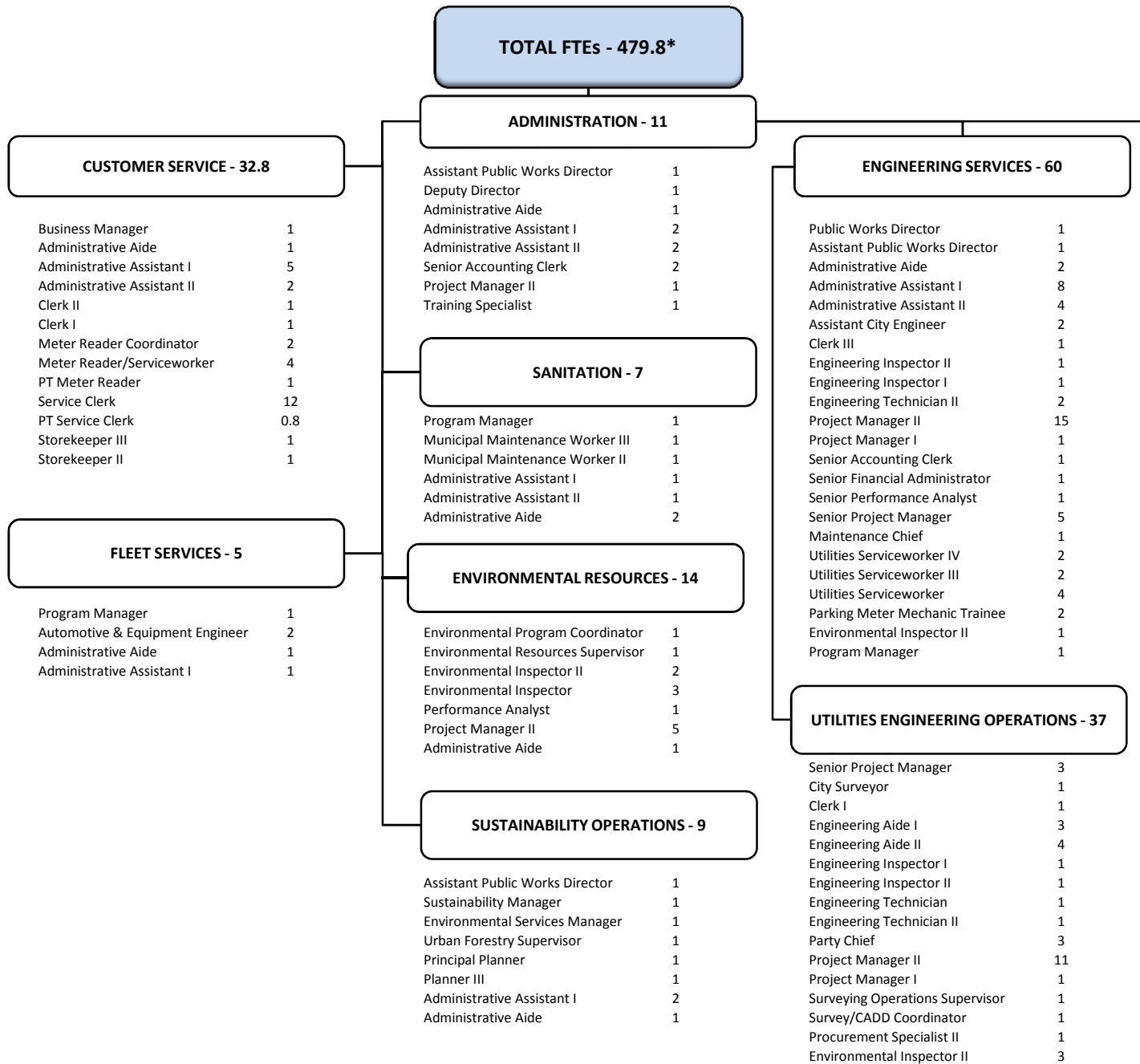
The Public Works Department is made up of four (4) Divisions: Engineering, Sustainability, Utilities, and Strategic Support. The Divisions are comprised of 483 full-time Community Builders working collaboratively to deliver key services to the Neighbors of the City of Fort Lauderdale. Services provided include:

- Water and wastewater treatment;
- Maintenance of the City's water distribution and wastewater collection system;
- Construction and maintenance of the City's stormwater system and facilities;
- Project management for Community Investment Projects;
- Operation and management of the City's 24-hour Neighbor Call Center;
- Development and maintenance of the City's Asset Management Program;
- Fleet management;
- Management of the City's contract for solid waste and recycling;
- Environmental and regulatory affairs compliance.

While providing all of these critical services, the Department strives to operate sustainably, with a key focus on climate resiliency.

# Public Works Department

## FY 2019 Adopted Budget Organizational Chart



\*Full Time Equivalent (FTE) includes new position(s)

**DISTRIBUTION & COLLECTION - 204****WATER & SEWER: - 173**

|                                              |    |
|----------------------------------------------|----|
| Utilities Distribution & Collection Sys. Mgr | 2  |
| Distribution & Collection Chief              | 8  |
| Public Service Maintenance Chief             | 4  |
| Distribution & Collection Supervisor         | 2  |
| Air Conditioning Technician                  | 1  |
| Construction Worker III                      | 2  |
| Construction Worker II                       | 3  |
| Construction Worker I                        | 4  |
| Diesel Technician                            | 3  |
| Fabricator-Welder                            | 2  |
| Heavy Equipment Operator                     | 1  |
| Industrial Electrician II                    | 2  |
| Industrial Electrician                       | 3  |
| Machinist                                    | 1  |
| Plumber (Maintenance)                        | 1  |
| Senior Electronic Technician                 | 1  |
| Electronics Technician                       | 2  |
| Utilities Mechanic II                        | 13 |
| Utilities Mechanic I                         | 11 |
| Utilities Serviceworker IV                   | 21 |
| Utilities Serviceworker III                  | 24 |
| Utilities Serviceworker                      | 49 |
| Utility Field Representative                 | 11 |
| Administrative Assistant I                   | 1  |
| Administrative Aide                          | 1  |

**STORMWATER: - 31**

|                                       |    |
|---------------------------------------|----|
| Stormwater Operations Chief           | 2  |
| Stormwater Operations Manager         | 1  |
| Field Operator Technician (Level III) | 2  |
| Municipal Maintenance Worker III      | 1  |
| Utilities Serviceworker IV            | 5  |
| Utilities Serviceworker III           | 9  |
| Utilities Serviceworker               | 11 |

**TREATMENT - 100****WATER & SEWER: - 63**

|                                        |    |
|----------------------------------------|----|
| Water & Wastewater Treatment Manager   | 1  |
| Regional Chief Water Operator          | 3  |
| Regional Water Facilities Manager      | 1  |
| Public Service Maintenance Chief       | 2  |
| Diesel Technician                      | 1  |
| Electronics Technician                 | 3  |
| Electronics/Instrument Technician      | 1  |
| Environmental Chemist                  | 1  |
| Environmental Lab Supervisor           | 1  |
| Environmental Lab Technician           | 7  |
| Industrial Electrician                 | 1  |
| Municipal Maintenance Worker II        | 4  |
| Municipal Maintenance Worker III       | 3  |
| Process Control Engineer               | 4  |
| Utilities Mechanic II                  | 5  |
| Utilities Mechanic I                   | 2  |
| Service Clerk                          | 1  |
| Water Treatment Plant Operator I       | 6  |
| Water Treatment Plant Operator II      | 10 |
| Water Treatment Plant Operator Trainee | 5  |
| Construction Worker II                 | 1  |

**CENTRAL REGIONAL: 37**

|                                          |   |
|------------------------------------------|---|
| Regional Chief Wastewater Operator       | 2 |
| Regional Wastewater Facilities Manager   | 1 |
| Electronics Technician                   | 1 |
| Industrial Electrician II                | 1 |
| Industrial Electrician                   | 2 |
| Municipal Maintenance Worker I           | 1 |
| Public Service Maintenance Chief         | 1 |
| Regional Wastewater Plant Operator II    | 7 |
| Utilities Mechanic II                    | 2 |
| Utilities Mechanic I                     | 5 |
| Municipal Maintenance Worker III         | 2 |
| Wastewater Treatment Plant Operator I    | 5 |
| Wastewater Treatment Plant Oper. Trainee | 4 |
| Clerk I                                  | 1 |
| Construction Worker II                   | 1 |
| Project Manager II                       | 1 |

| Amended<br>FY 2018 | Adopted<br>FY 2019 | Difference |
|--------------------|--------------------|------------|
| 465.0              | 479.8              | 14.8       |

# Public Works Department General Fund





# Public Works - General Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                      | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|----------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| General Fund - 001   | \$ 9,030,161      | 10,754,800         | 10,931,974         | 10,382,860          | 10,870,137                       | 5,209,223                        | (5,545,577)                       | (51.6%)               |
| <b>Total Funding</b> | <b>9,030,161</b>  | <b>10,754,800</b>  | <b>10,931,974</b>  | <b>10,382,860</b>   | <b>10,870,137</b>                | <b>5,209,223</b>                 | <b>(5,545,577)</b>                | <b>(51.6%)</b>        |

### Financial Summary - Program Expenditures

|                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|----------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Engineering Administration | 3,319,696         | 3,941,169          | 3,998,819          | 8,900,395           | 3,638,590                        | 960,000                          | (2,981,169)                       | (75.6%)               |
| Project Management         | 4,491,210         | 4,263,503          | 4,263,503          | -                   | 4,549,056                        | -                                | (4,263,503)                       | (100.0%)              |
| Roadway Maintenance        | -                 | 1,296,878          | 1,296,878          | -                   | 1,231,541                        | 2,507,492                        | 1,210,614                         | 93.3%                 |
| Sustainability             | 1,219,255         | 1,253,250          | 1,372,774          | 1,482,465           | 1,450,950                        | 1,741,731                        | 488,481                           | 39.0%                 |
| <b>Total Expenditures</b>  | <b>9,030,161</b>  | <b>10,754,800</b>  | <b>10,931,974</b>  | <b>10,382,860</b>   | <b>10,870,137</b>                | <b>5,209,223</b>                 | <b>(5,545,577)</b>                | <b>(51.6%)</b>        |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual   | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|---------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | 7,050,063           | 8,162,238          | 8,300,992          | 7,901,522           | 8,539,938                        | 2,496,930                        | (5,665,308)                       | (69.4%)               |
| Operating Expenses                  | 1,786,575           | 2,592,562          | 2,630,982          | 2,481,338           | 2,330,199                        | 2,712,293                        | 119,731                           | 4.6%                  |
| Capital Outlay                      | 193,523             | -                  | -                  | -                   | -                                | -                                | -                                 | 0.0%                  |
| <b>Total Expenditures</b>           | <b>\$ 9,030,161</b> | <b>10,754,800</b>  | <b>10,931,974</b>  | <b>10,382,860</b>   | <b>10,870,137</b>                | <b>5,209,223</b>                 | <b>(5,545,577)</b>                | <b>(51.6%)</b>        |
| <i>Full Time Equivalents (FTEs)</i> | <i>69.0</i>         | <i>69.0</i>        | <i>70.5</i>        | <i>70.5</i>         | <i>70.5</i>                      | <i>24.5</i>                      | <i>(44.5)</i>                     | <i>(64.5%)</i>        |

#### FY 2020 Major Variances

##### Personal Services

|                                                                                                                    |                |
|--------------------------------------------------------------------------------------------------------------------|----------------|
| Reduction in personal services due to the transfer of twenty-six (26) positions to the new Project Management Fund | \$ (3,755,337) |
| Reduction in personal services due to the transfer of eighteen (18) positions to the Water and Sewer Fund          | (1,883,358)    |
| Reduction in personal services due to the transfer of two (2) positions to the Stormwater Fund                     | (286,607)      |

##### Operating Expenses

|                                                                                                  |             |
|--------------------------------------------------------------------------------------------------|-------------|
| Decrease in repair and maintenance for one-time Railroad Crossing Maintenance expense            | (321,000)   |
| Decrease in operating expenses associated with transferring staff to new Project Management Fund | (1,152,951) |
| Increase in Fleet replacement service charges                                                    | 78,436      |
| Increase in improvements repairs and materials for marine facilities repair and replacement.     | 130,000     |
| Increase in improvements repairs and maintenance for non-capital projects                        | 830,000     |
| Increase in improvements repairs and materials for road maintenance materials.                   | 90,000      |
| Increase in Public Works administrative service charge                                           | 343,412     |



# Public Works Department

## Engineering

### Division Description

The Engineering Division provides engineering and project management services for the City's Community Investment Plan (CIP) and other departments within the City. The division works to ensure that projects are in compliance with approved plans, specifications, applicable codes and standards as well as adhering to quality, schedule, and budget requirements. The primary aim of the division is to realize sustainable CIP projects as efficiently as possible for future generations.

### FY 2019 Major Accomplishments

- **Consent Order:** Continued to implement all requirements identified in the voluntary Florida Department of Environmental Protection Consent Order 16-1487. This includes mapping of existing assets, evaluating capacity of the collection system, and identifying assets with insufficient capacity to meet projected demand over the next 20 years. Initiated nine (9) new Consent Order projects totaling over \$20 million. Installed and trained staff on the Asset Management Program and began populating the program with City infrastructure assets.
- **Bridge Program:** Commenced construction of the Coconut Isle Bridge and West Lake Bridge along with finalizing the design and permitting for the South Ocean Drive Bridge.
- **Fire Station Program:** Completed construction of Fire Station 54, commenced construction of Fire Station 8, and started the planning and design of Fire Station 13 to allow for construction to start in FY 2020.
- **40 Year Inspection Report:** Completed the inspections and started construction repairs identified as part of the 40 Year Inspection Report. This report comes from the 40 Year or Older Building Safety Program that calls for structural and electrical safety inspections for buildings 40 years or older and every ten years thereafter.
- **Go Big, Go Fast:** Continued to focus City efforts to complete priority water and wastewater projects. Construction was completed on five priority wastewater lift stations including the Las Olas/Downtown area, Central Beach Alliance, and Imperial Point neighborhoods to increase capacity and system reliability. The City also commenced rehabilitation of the 2<sup>nd</sup> Avenue Water Tower while completing the design, permitting, and bidding for a \$33 Million Reliability Upgrade project at the Fiveash Regional Water Treatment Plant.
- **Roadway Maintenance Programs:** Micro-surfaced, milled and resurfaced roadways Citywide to improve quality of the City's roadways.
- **Sidewalk and Walkway Maintenance Program:** Administered Citywide risk reduction through additional repairs of approximately eight miles of the City's 425 total miles of sidewalks and walkways per the Sidewalk Master Plan at an annual cost of \$1.9 million.
- **Wastewater Infiltration and Inflow (I&I) Program:** Continued the multi-year rehabilitation plan of gravity mains, wastewater laterals, and manholes for pump station basins throughout the City, with a focus on execution of \$25 Million in work needed within six priority basins identified for rehabilitation work as part of the consent order.



# Public Works Department

## Engineering, continued

### FY 2020 Major Projects and Initiatives

- Consent Order: Continue to comply with the voluntary Florida Department of Environmental Protection (FDEP) Consent Order 16-1487 agreement to carry out specified projects. The Consent Order outlines approximately \$150 million of projects to be completed before 2026, a majority of which will be funded by the City's recent \$200 Million Water/Sewer Bond.
- Bridge Program: Continue bridge repairs, restorations and/or replacements across the City. Some key projects include the bridge replacements at South Ocean Drive and West Lake Drive. For FY 2020, approximately \$4 million has been allocated.
- Fire Station Program: Complete the design, permitting and construction of Fire Station 13.
- 40 Year Inspection Report: Complete repairs to multiple facilities as identified in the 40 Year Inspection Report. This report comes from the 40 Year or Older Building Safety Program that calls for structural and electrical safety inspections for buildings 40 years or older and every ten years, thereafter.
- Go Big, Go Fast: Continue to focus City efforts to complete priority water and wastewater projects. This includes the \$33 Million Reliability Upgrade Project at the Fiveash Regional Water Treatment Plant along with the \$20 Million of annual Water/Sewer priorities.
- Sidewalk and Walkway Maintenance Program: Continue to administer Citywide risk reductions by undertaking repairs to high risk sections of the City's 425 total miles of sidewalks and walkways per the Sidewalk Master Plan at an annual cost of \$1.9 million.
- Stormwater: A FY 2019 goal was to issue an approximately \$200 million bond to fund the construction of seven neighborhoods between FY 2020 through FY 2025. The stormwater designs for these seven neighborhoods are complete and permitted. Once the funding is secured the City will competitively bid out to contractors for construction. The City will also implement approximately \$1.5 million of other Citywide stormwater projects to improve the local system's level of service.
- Roadway Maintenance Programs: Continue to micro-surface, mill and resurface roadways using available annual funds to continually improve quality of the City's roadways.
- Wastewater Infiltration and Inflow (I&I) Program: Complete all six priority basins identified for rehabilitation work as part of the voluntary FDEP Consent Order agreement. This multi-year project includes rehabilitation of the gravity mains, laterals, and manholes for pump station areas throughout the City.

# Public Works Department

## Utilities

### Division Description

The Utilities Division of Public Works is responsible for maintaining and supporting the City's water and wastewater infrastructure. The division provides water to 176,000 Neighbors; 300,000 visitors; and six neighboring municipalities within the consecutive system. It also manages and operates a wastewater system that collects and treats an average of 40 million gallons per day (MGD) of wastewater at the George T. Lohmeyer (GTL) Wastewater Treatment facility. Through Large User Agreements, the City provides treatment services for Fort Lauderdale, Oakland Park, Wilton Manors, Port Everglades and parts of Davie, and Tamarac. By tracking the total treated wastewater, staff is able to monitor the efficiency of the Wastewater Treatment Plant and ensure adequate capacity and regulatory compliance.

The division is organized into two operational sections to effectively meet the City's strategic objectives and to provide essential water and wastewater services, including Distribution and Collections and Treatment. The Distribution and Collection Sections are responsible for the operation, maintenance, repair, and improvement of the water distribution, wastewater collection, raw water wellfields, and pumping systems. The Treatment Section provides our neighbors with safe and efficient wastewater treatment, water production, and wastewater treatment and disposal. The Division's Environmental Laboratory is accredited through the National Environmental Laboratory Accreditation Program (NELAP) and ISO 17025 and provides sampling and testing services to the City and its large users 365 days a year. Also under the Treatment section, the Process Control Engineers oversee the instrumentation and control, operator interface software, and other related systems required to operate the treatment plants and support the Supervisory Control and Data Acquisition (SCADA) system.

### FY 2019 Major Accomplishments

- Replaced 24 large water meters, which have been in service beyond their useful life, and installed 22 water quality sampling stations. The new meters will provide accurate water billing data and the sampling stations allow water quality monitoring at each large meter point of service.
- Installed eight Distribution System Monitoring Panels which provide real-time water quality monitoring. The panels monitor chlorine residual, pH, turbidity, conductivity, system pressure, and temperature, and provide this data to the Fiveash Regional Water Treatment Plant via SCADA.
- Developed and implemented a comprehensive Geographic Information System (GIS)-centric hydrant maintenance program to ensure 6,168 hydrants function properly in the event of a fire and are in compliance with Insurance Services Office, American Water Works Association (AWWA), and the National Fire Protection Association (NFPA) requirements.
- Purchased large diameter wastewater piping inventory and storage yard equipment to reduce the response time and public impact of infrastructure failures at a cost of \$605,000. Purchasing the piping inventory in large quantities provided an estimated savings of approximately \$1.2 million.

# Public Works Department

## Utilities, continued

- Revised the Wastewater Use Ordinance to update requirements for grease trap maintenance and clean outs, which will reduce the number of blockages leading to Sanitary Sewer Overflow (SSO) events in the City.
- Installed and replaced over \$500,000 of capital outlay sewer equipment in the City's wastewater pumping stations as part of the 30-inch Tarpon River force main recovery effort.
- Replaced four (4) emergency generators which provide backup power throughout the pumping system Citywide.
- Hired a licensed plumber to manage and certify Public Works backflow preventers utilizing an annual certification program. We are now maintaining 100% compliance.
- Rehabilitated six (6) wastewater pumping stations to maintain a consistent level of service for our Neighbors.
- Obtained approximate monthly energy savings of \$15,000 by placing a new cryogenic main air compressor online and increasing the horsepower of a second existing compressor at the GTL Wastewater Plant.
- Improved reliability and maintained service levels by completing Stage 1 of the pre-stressed concrete pipe project (48-inch) on the pipe which handles incoming wastewater flow into GTL, renovating the sludge holding tank odor control unit, and completing the electrical system testing including arcflash for motors (50 horse power and higher).
- Completed the emergency generator/switchgear upgrade at GTL which will enable continued service to our neighbors in the event of a power failure and loss of the onsite generator.
- Coordinated the improvements in the deepwell site stormwater system at GTL. This included work by a contractor to restore the capacity of the stormwater system. This work alleviates the ponding and flooding within the deepwell site.
- Replaced six (6) roof mounted fans in the wastewater plant's effluent building that had exceeded their service life and sealed pathways that were allowing rainwater into the work area. This assisted in improving the plant's safety and the new flow of air improves the cooling of the high capacity motors.
- Completed the turnaround maintenance of the cryogenic plant at GTL (generates pure oxygen used in the biological process), which restored the efficiency of the cryogenic plant and increased its reliability.
- Completed redesign and permitting for the Fiveash Reliability Upgrades project to incorporate design alterations required by changes in the Florida Building Code.

Improved system reliability and maintained water production by replacing outdated controllers on the high service and transfer pumps and polymer system with the latest models, replaced the 4,160-volt cable and outdoor switch panel, updated the Supervisory Control and Data Acquisition (SCADA) software to the latest version of the software, and added extra workstations with new large monitors at the Fiveash Regional Water Treatment Plant.

# Public Works Department

## Utilities, continued

- Introduced a redundant communications network for the high service pumps and installed new panel-views to improve monitoring of Fiveash Water Plant operations.
- Replaced 34 flowmeters improving accuracy and reliability of measuring the flow passing through the multimedia filters at the Fiveash Water Plant.
- Applied protective coating to the seven (7) million gallon and the five (5) million gallon water storage tanks at Fiveash which extended the life and ensures compliance with water quality standards.
- Performed specialized inspection and maintenance of the Fiveash Water Plant's seven (7) clearwells, aeration, and the recarbonation basins to maintain optimal plant operation and continue providing quality water for our Neighbors.
- Replaced all 2,156 membrane elements at the Peele Dixie Water Treatment Plant, which will result in a lower electrical consumption as well as lower chemicals used to clean the membranes.
- Applied protective coating to both four (4) million gallon storage tanks at Peele Dixie and installed a temporary bulk hypochlorite storage system.
- Replaced 21 flow meters at Peele Dixie allowing for tighter controls of the various chemicals and process flows.
- Replaced the centralized uninterrupted power supply of the Peele Dixie Water Plant's supervisory control and data acquisition (SCADA) system.

### **FY 2020 Major Projects and Initiatives**

- **Consent Order:** Continue implementation of all requirements identified in the voluntary Florida Department of Environmental Protection Consent Order 16-1487, including mapping of the gravity sewer system, force main condition assessment and initiating development of Asset Management (AM) and Capacity, Maintenance, Operations, and Management (CMOM) programs for the wastewater system. Complete construction of Isle of Venice, Imperial Point, Downtown Area, and Harbor Beach wastewater pump stations to improve reliability and system capacity. Continue the multi-year rehabilitation plan of gravity mains, wastewater laterals, and manholes for pump station areas throughout the City to reduce Wastewater Infiltration and Inflow (I&I) with an increased focus on Consent Order related basins.
- **Effective Utility Management:** Continue implementation of the Effective Utility Management (EUM) model developed by the U.S. Environmental Protection Agency (EPA) to meet the current challenges of aging infrastructure and lay the foundation for an efficient, modern, and resilient utility.
- **Asset Management:** Implement asset management software and programs for the wastewater, water, and stormwater utilities, providing long-range planning, life-cycle costing, proactive operations and maintenance, and capital replacement plans based on cost-benefit analysis.

# Public Works Department

## Utilities, continued

- Comprehensive Utilities Strategic Master Plan: Initiate planning and design of high priority Master Plan projects funded for FY 2020, while ensuring the Master Plan and Consent Order efforts are aligned.
- George T. Lohmeyer (GTL) Regional Wastewater Treatment Plant: Continue the efforts on the design and replacement of the existing oxygen generating (cryogenic) plant at George T. Lohmeyer (GTL) Regional Wastewater Treatment Plant. Construction of this project is expected to be complete in FY 2021.
- Fiveash Regional Water Treatment Plant: Explore options and evaluate best practices and alternatives to improve the color of the finished water. A contract has been awarded to initiate construction for the Reliability Upgrade Project to include construction of a new chlorine storage and dosing facility to replace the aged chlorine disinfection system, build a new emergency generator facility, renovate the primary control room, and install weather hardening features and other components to ensure the safe and reliable operations of the plant. This \$33 million project is expected to take three (3) years to complete.
- Water and Wastewater Pipeyard: Continue expansion of on-hand inventory of pipe and materials to improve response to emergency water and wastewater infrastructure repairs, minimize time required for repairs, and reduce cost of wastewater pumping services and potential risk claims.
- Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI): Modernize City water meters through the installation of meters that allow for remote readings and real time data collection to improve billing accuracy and increase revenues.
- Form and implement a new service program that will have a designated crew to provide inspection repair and maintenance services to the City's 900 wastewater control valves and 290 air relief valves.
- Form and implement an independent maintenance management group to provide and manage maintenance and repair services for all of the City's emergency generators utilizing a fleet type program.
- Continued installation and rehabilitation of wastewater pumping station control panels equipped with Supervisory Control and Data Acquisition (SCADA).
- Fiveash Wellfield: remove and replace east diesel emergency generator fuel tank, rehabilitate five (5) raw water wells per year, and excavate and remove spent lime sludge.

# Public Works Department

## Sustainability

### Division Description

The Sustainability Division provides coordination of the City's internal and external sustainability initiatives and planning for a climate resilient community. The division is organized into five sections to meet its mission: 1) Sustainability and Climate Resilience, 2) Environmental and Regulatory Affairs, 3) Solid Waste and Recycling, 4) Fleet Services, and 5) Stormwater Operations.

Internally, these sections work to promote a cultural shift toward integrating sustainable decision-making into planning, the budget process, and procurement practices. It also integrates current and future climate impacts into infrastructure master planning and community projects. The division serves as an internal business consultant to other departments by helping to integrate sustainable practices and climate resiliency into daily operations. Community Builders in the division are leading the ISO 14001 Environmental and Sustainability Management System (ESMS) process to provide Citywide support on implementing ESMS throughout the organization.

Externally, these sections are moving sustainability and adaptation initiatives into the community to make Fort Lauderdale more resilient to the effects of climate change. This includes: providing education on sustainable activities, recycling and other forms of waste diversion; incorporating sustainability and sea level rise through ordinance modifications, administering contracts on residential waste collection (cart service); conducting environmental inspections, enhancing the tree canopy; improving the economic and environmental viability of the City; and addressing stormwater and tidal flooding issues by maintaining 183.5 miles of storm pipe; 2,402 manholes; 1,038 outfalls; 6 drainage wells; 8,848 inlets; 160 tidal valves; and 8,288 catch basins.

### FY 2019 Major Accomplishments

- Florida Green Building Coalition's Green Local Government Designation: Received recertification as a Florida Green Building Coalition's gold level Green Local Government, which documents and recognizes cities for outstanding environmental stewardship.
- Energy Efficiency Initiatives: Advanced efforts to achieve internal energy conservation goals through the implementation of energy tracking software, installation of 40+ programmable thermostats and support of other energy efficiency improvements.
- Urban Design and Construction Manual: Completed the Urban Design and Construction Manual with internal City partners and began process for final review and approval.
- Protect Waterways: Implemented the National Pollution Discharge Elimination System (NPDES) Permit, to include the development of an assessment plan to establish the source and amount of pollutants in waterbodies of concern.
- Automated Vehicle Locator (AVL): Installed AVL units in 1,250 City vehicles including motorcycles, boats and other miscellaneous equipment to track vehicle location, to monitor vehicle information, and to generate alerts on safety and maintenance concerns.

# Public Works Department

## Sustainability, continued

- Watershed Asset Management Plan (WAMP): Finalized the initial phase of the WAMP for stormwater and environmental programs, including the determination of current level of services, completion of a gap assessment of current business processes, and creation of the development of the inaugural WAMP Stormwater Operations Inspections. Completed the expansion of the Inspections Team to support ongoing operations and maintenance activities for both existing and future stormwater assets including the 160+ tidal valves currently installed throughout the City.
- Stormwater Operations Maintenance: Expanded the Maintenance Team to include additional pipe cleaning equipment and added a CCTV crew to perform condition assessments of existing and future stormwater assets throughout the City.
- Stormwater Operations Street Sweeping: Successfully transitioned the Street Sweeping Crew into Public Works which optimized routing throughout the City.
- Food Recovery: Developed a new program, branded Full Circle Fort Lauderdale, to rescue leftover, consumable food, and miscellaneous personal goods from commercial and retail establishments for distribution to licensed shelters and not-for-profit agencies.
- Green Your Routine (GYR): Transitioned the Green Your Routine volunteer program from Parks and Recreation to Public Works to support the City's sustainability and resiliency goals.
- Disaster Recovery: Successfully submitted more than \$28 million in projects through the Federal Emergency Management Agency's Stafford Act, seeking reimbursement for debris operations and emergency protective measures following Hurricane Irma.

### **FY 2020 Major Projects and Initiatives**

- Replace Streetlights: Evaluate Florida Power and Light (FPL) program to retrofit all 10,000 FPL owned streetlights in the City with more energy efficient fixtures to reduce costs and increase safety.
- Install Advanced Metering Infrastructure: Identify funding to begin installation of smart water meters, improving the accuracy of water billing and allowing real time monitoring of leaks.
- Implement a Tree Canopy Strategic Plan: Enhance and maintain the urban forest and prioritize planting in low canopy neighborhoods to meet the Press Play urban tree canopy goal.
- Reduce Community Energy Consumption: Advance community energy conservation by introducing ordinance changes such as the cool roof ordinance.
- Implement Sustainability Action Plan (SAP): Finalize and begin to implement the 2019 SAP Update.
- Apply Design and Construction Manual (DCM) to City Projects: Implement the Design and Construction Manual, training internal staff on its use and applying it to City operations including specifying, designing, constructing, maintaining, and procuring services for a more sustainable and resilient public realm.

# Public Works Department

## Sustainability, continued

- **Protect Waterways:** Implement the National Pollution Discharge Elimination System (NPDES) Permit, and finalize the Bacteriological Pollution Control Plan.
- **Mitigate Algal Blooms:** Implement strategies to proactively reduce the causes of algal bloom and to explore mitigation techniques to treat blooms once they occur.
- **Advance Watershed Asset Management Plan (WAMP):** Start the implementation phase of the WAMP, including alignment of the WAMP with the Enterprise Asset Management System (Cityworks), development of tailored Operations & Maintenance Plans specific for each of the ten (10) watersheds, and planning the alignment of the WAMP with the City's strategic Enhance Fleet Area. Upgrade "Decommissioned Storage Lot" to include a large vehicle wash area.
- **Implement Food Recovery Program:** Continued implementation of the food recovery program to divert food and other resources from the waste stream to non-profits serving those in need.
- **Administer Residential Curbside Collection:** Manage new residential curbside collection contract including initiating planning for a Citywide reroute for all services and expanding curbside electronics recycling pick-up program Citywide.



# Public Works Department

## Administration/Strategic Support

### Division Description

The Administration/Strategic Support Division provides financial, budgeting, payroll/personnel, grant management, and administrative support to the Public Works Department. The Citywide Neighbor Call Center is also part of this division and provides customer service and Neighbor support, 24 hours a day, 365 days a year.

### FY 2019 Major Accomplishments

- **Water and Sewer Rate Study:** Completed Water and Sewer Rate Study and presented updated rates to various stakeholders, Budget Advisory Board, and City Commission for implementation of new rates beginning in FY 2020.
- **Stormwater Rate Study:** Completed reconciliation of the Utility Billing Database to match Broward County Property Appraiser data which now models the Hybrid Stormwater Rate Methodology as requested by the City Commission. The consultant presented a Hybrid Stormwater Rate Methodology to the Budget Advisory Board and City Commission.
- **Asset Management Program:** In an effort to create a comprehensive database of City owned infrastructure, Strategic Support assembled an Asset Management Team, continued populating the existing Asset Management Database with infrastructure assets, developed a Comprehensive Asset Management Plan, and began implementation of the plan. The completion of the database and implementation of the management plan will allow for long-range planning, life-cycle costing, proactive operations and maintenance, and capital replacement plans based on cost-benefit analysis.
- **Public Works Facilities:** Secured funding to design and build facilities to house the Utilities Meter Repair Shop, Road Repair Crew, Stormwater Operations Section, and administrative support.
- **Succession Planning:** Continued departmental phase II succession planning following completion of the Citywide Classification and Compensation Study. This included updating position profiles and implementing the comprehensive training and recruitment plan throughout each of the Public Works Divisions.
- **Personnel Training and Development:** Continued mentoring and developing with a focus on improving teamwork, accountability, and technical skills. This was done using tenured personnel through senior management training meetings, job-specific training, classes, and other means to provide an average of 3 hours of dedicated training time per quarter for each Community Builder.
- **Staffing Relief Factor Analysis:** Collected data on department position needs and available staff time to perform a staffing relief factor analysis. The information gathered during this analysis allowed the department to better balance operational needs and provide data driven budget requests for future fiscal years.
- **Formulating Innovative Responsive Solutions Together (FIRST) Enterprise Resource Program (ERP) Development:** Assisted in the development and necessary system updates for implementation of the new FIRST ERP software.

# **Public Works Department**

## **Administration/Strategic Support, continued**

### **FY 2020 Major Projects and Initiatives**

- Stormwater Rate Study: Seek Commission approval of the new Hybrid Stormwater Rate Methodology, develop and implement necessary Neighbor outreach, and implement the new stormwater rate.
- Asset Management Program: Continue implementing the Comprehensive Asset Management Plan and populating the Asset Management Database with infrastructure assets.
- Neighbor Notification Process: Evaluate and improve the processes currently in place for notifying neighbors of emergency and non-emergency events which may impact their service.
- Succession Planning: Integrate departmental succession plan, including position profiles, comprehensive training, and recruitment plan into daily operations.
- Formulating Innovative Responsive Solutions Together (FIRST) Enterprise Resource Program (ERP) Development and Implementation: Assist in the continued development and necessary system updates for secondary phases of the FIRST ERP software. Begin implementing the initial phase of the FIRST ERP software.
- Apprenticeship Program: Collaborate with Human Resources to develop and implement an apprenticeship program for specific trades and skills needed within the Public Works Department.

# Public Works Department

## Department Core Processes and Performance Metrics

|                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>INFRASTRUCTURE</p>   | <p><b>STRATEGIC OBJECTIVES AND PERFORMANCE MEASURES</b></p> <ul style="list-style-type: none"> <li>➤ Integrate transportation land use and planning to create a walkable and bikeable community</li> <li>➤ Proactively maintain our water, wastewater, road and bridge infrastructure</li> <li>➤ Reduce flooding and adapt to sea level rise</li> <li>➤ Reduce solid waste disposal and increase recycling</li> <li>➤ Improve air and water quality and our natural environment</li> <li>➤ Cultivate our urban forest</li> <li>➤ Foster professional and rewarding careers</li> <li>➤ Improve employee safety and wellness</li> <li>➤ Continuously improve and innovate communication and service delivery</li> <li>➤ Ensure sound fiscal management</li> <li>➤ Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations</li> </ul> |
|  <p>PUBLIC PLACES</p>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  <p>INTERNAL SUPPORT</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Department Core Process                                               | Performance Measures                                                                 | FY 2017 Actual | FY 2018 Actual | FY 2019 Target | FY 2019 Projection | FY 2020 Target |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------|----------------|----------------|--------------------|----------------|
| Operate and maintain a safe and efficient water and wastewater system | Collection System Integrity – Failures per 100 Miles of Collection Pipe              | 6.1            | 8.7            | 3.8            | 5.4                | 2.0            |
|                                                                       | Wastewater Treated in Million Gallons per Day (MGD) per Full Time Employee (FTE)     | 1.3            | 1.2            | 0.3            | 1.3                | 0.3            |
|                                                                       | Potable Water Produced in Million Gallons per Day (MGD) per Full Time Employee (FTE) | 0.9            | 0.8            | 0.3            | 0.8                | 0.3            |
|                                                                       | Percent of Days in Compliance with Primary Drinking Water Standards (AWWA)           | 100%           | 100%           | 100%           | 100%               | 100%           |
|                                                                       | Water Distribution System Integrity – Leaks per 100 Miles of Distribution Pipe       | 73.0           | 47.2           | 24.0           | 43.4               | 21.7           |
|                                                                       | Water Distribution System Integrity – Breaks per 100 Miles of Distribution Pipe      | 20.0           | 10.4           | 18.0           | 15.8               | 19.4           |

# Public Works Department

## Department Core Processes and Performance Metrics, continued

| Department Core Process                                                                                                                                                                   | Performance Measures                                                       | FY 2017 Actual | FY 2018 Actual      | FY 2019 Target     | FY 2019 Projection | FY 2020 Target |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------|---------------------|--------------------|--------------------|----------------|
| Manage the design and construction of City Community Investment Projects (CIP), Neighborhood Community Investment Projects (NCIP), and other facility and infrastructure related projects | Percent of Projects on Budget and on Schedule                              | 93.0%          | 94.0%               | 85.0%              | 90.0%              | 85.0%          |
| Manage resources to achieve the long-term sustainability of the community and City operations                                                                                             | Percent of Environmental Permits in Compliance                             | *              | 96.5%               | 90.0%              | 90.0%              | 90.0%          |
|                                                                                                                                                                                           | Percentage of Citywide Tree Canopy Coverage on Public and Private Property | 26.4%          | 25.9%               | 23.6% <sup>1</sup> | 23.6%              | 26.0%          |
|                                                                                                                                                                                           | Percentage of Refuse Diverted from Disposal                                | 35.5%          | 37.0%               | 36.5% <sup>2</sup> | 36.0%              | 36.5%          |
|                                                                                                                                                                                           | Percent Change in Total Fleet Fuel Consumption (as compared to prior year) | 1.5%           | -3.6%               | 3.0%               | 2.0%               | 2.0%           |
|                                                                                                                                                                                           | Percent Reduction in Greenhouse Gas Emissions from City Operations         | -13.1%         | -12.0% <sup>3</sup> | -18.0%             | -12.0%             | -20.0%         |
| Build a resilient community capable of adapting to emerging challenges                                                                                                                    | Number of Catch Basin Repairs                                              | 124            | 296                 | 240                | 160                | 240            |
|                                                                                                                                                                                           | Number of Projects completed in Adaptation Action Areas                    | 4              | 2                   | 4                  | 4                  | 4              |
|                                                                                                                                                                                           | Percentage of Storm Drains Cleaned                                         | 11.0%          | 17.0%               | 14.0%              | 12.0%              | 14.0%          |
|                                                                                                                                                                                           | Number of Storm Drain Inspections                                          | 22,063         | 8,550               | 22,884             | 22,884             | 22,884         |

\* There was no data collected for the Fiscal Year (FY)

<sup>1</sup> The projection is based on a rounded average of the results over the last three years.

<sup>2</sup> The FY 2019 target is reduced from the FY 2018 target as tonnages for recycling have decreased based on the composition of materials being generated. (Less paper and glass means the volumes collected weigh less). Additionally, changes in the recycling market will impact recyclables processing.

<sup>3</sup> In order to increase comparability with methods used by other cities we are transitioning to calculation methods following the procedures developed by the International Council for Local Environmental Initiatives (ICLEI); there is generally a 1-2 year delay in the release of the data.



# **FY 2020 Budget Modification Requests**





# FY 2020 BUDGET MODIFICATION SUMMARY

## Public Works Department - Fund 001

| Priority # | Request Type      | Title of Request            | # of Pos | Net Cost  | Page # |
|------------|-------------------|-----------------------------|----------|-----------|--------|
| 1          | Program - Revised | Road Services Team Overtime | 0.00     | 60,000    | 26     |
|            |                   |                             | 0.00     | \$ 60,000 |        |





# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 001 General Fund

Priority No:

1

Title of Request: Road Services Team Overtime

Request Type: Program - Revised

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

The Road Services Team (Team) was staffed, equipment purchased and started work in late 2018. Team duties include performing daily maintenance of roads and alleys including restoration after utility repairs, timely repairs of potholes, addressing tripping hazards, and mitigating unsafe roadway conditions. The Team also performs sign maintenance operations and can repair, replace, and install any City roadway signage in a timely manner. Prior to establishing the Team, the City relied on contractors to complete these sorts of local repairs and the timeliness and quality did not meet City expectations.

Since September 2018, the Team has been staffed with 11 full-time Community Builders, and currently has one (1) vacancy for recruitment. For the past seven (7) months, the Team has addressed numerous asphalt related QAlerts throughout the City for Utilities operations: 77 - asphalt patches for Utilities operations, 42 - new services patches, 35 - patches for waste water operations, 63 - stormwater patches, and 424 - potholes. Approximately 6,000 linear feet (LF) of striping and pavement markings were installed at the request of Parks and Recreation (PKR) and Transportation and Mobility (TAM). The average turnaround time per asphalt related QAlert is one (1) to five (5) days, with 50% having been addressed within 48 hours. 100% of all striping requests performed by the Road Services Team are attributable to TAM. Due to the ordering of roadway signages, installation occurs within 24 hours of receipt of the materials.

Since inception of the Team, 35% of charge backs are attributed to TAM General Fund, 5% TAM Parking Fund, 40% to Roadway Maintenance General Fund, 10% to Utilities (Water & Sewer) and 10% allocated to Stormwater.

The current request for the Team is as follows:

Overtime tends to occur in both planned and unplanned events. To stay paced with the influx of QAlerts received from staff (internal) and the public (external), the Team may schedule work to avoid a backlog of unaddressed complaints. Also, in the event of a watermain or sewer main break, the Team is requested to assist the Utilities Division in restoration of the roadway immediately following a main break.

The use of overtime is decided by the Public Works Maintenance Supervisor and predicated on the urgency of the request for the immediate restoration of roadway after an emergency event. Emergency repairs are driven by many factors such as the request type, roadway ownership [City, Broward County, or the Florida Department of Transportation (FDOT)], evaluation of the work to be performed, size of repair, equipment down time, added impact to traffic, and asphalt plant availability.

To achieve the goals of the program, numerous efforts continue to be made to curtail the use of overtime cost. However, since the work load is driven by the QAlert system at the request of staff and the public, chargebacks are performed to offset the cost of road services staff labor, materials and equipment cost as we strive to maintain sustainable and resilient communities.

### Performance Measures:

| Measure Type  | Request Description                                            | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|----------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | Continual backlog of QAlerts                                   | 75%            |                | 90%                              |
| Efficiency    | Delayed restoration of all roadway repairs                     | 75%            |                | 90%                              |
| Effectiveness | Unable to fully address restoration of full lane width repairs | 75%            |                | 90%                              |

### Strategic Connections:

Cylinder: Infrastructure

**Goal:** Be a sustainable and resilient community  
**Objective:** Proactively maintain our water, wastewater, road and bridge infrastructure  
**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Expenditure Amounts:**

| One Time<br>Expense      | Expenditure<br>Amt. Requested: | Job Description          | Index<br>Code | Sub<br>Object | SubObject Title   |
|--------------------------|--------------------------------|--------------------------|---------------|---------------|-------------------|
| <input type="checkbox"/> | 60,000                         |                          | PBS041201     | 1501          | OVERTIME 1.5X PAY |
|                          |                                | Overtime 1.5x Pay        |               |               |                   |
|                          | <b>\$60,000</b>                | <b>Total Expenditure</b> |               |               |                   |

**Status:**

# Descriptions & Line Items By Division





# Engineering Administration - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                               |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|
| 1101 Permanent Salaries              | 1,019,696         | 1,245,382          | 1,245,382          | 4,155,760           | 1,255,601                          | 1,274,918                        | 29,536                                           | 2%                                                                |                                                                |
| 1107 Part Time Salaries              | 56,503            | -                  | -                  | 19,350              | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1110 Sick Conv to Cash               | 3,578             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1113 Vac Mgmt Conv                   | 5,827             | -                  | -                  | 3,891               | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1119 Payroll Accrual                 | (3,918)           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1199 Other Reg Salaries              | -                 | 7,858              | 7,858              | 43,340              | 563                                | 563                              | (7,295)                                          | (93%)                                                             |                                                                |
| 1201 Longevity Pay                   | 17,949            | 13,994             | 13,994             | 46,831              | 8,630                              | 8,630                            | (5,364)                                          | (38%)                                                             |                                                                |
| 1304 Assignment Pay                  | -                 | -                  | -                  | 11,287              | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1316 Upgrade Pay                     | 216               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1401 Car Allowances                  | 5,700             | 8,760              | 8,760              | 73,175              | 15,360                             | 15,360                           | 6,600                                            | 75%                                                               |                                                                |
| 1407 Expense Allowances              | 11,880            | 12,960             | 12,960             | 20,357              | 12,480                             | 12,480                           | (480)                                            | (4%)                                                              |                                                                |
| 1413 Cellphone Allowance             | 2,190             | 1,920              | 1,920              | 17,892              | 1,920                              | 1,920                            | -                                                | 0%                                                                |                                                                |
| 1501 Overtime 1.5X Pay               | (26,419)          | 2,184              | 2,184              | 129,019             | 2,293                              | -                                | (2,184)                                          | (100%)                                                            |                                                                |
| 1504 Overtime 1X Pay                 | (1,173)           | -                  | -                  | 1,239               | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1707 Sick Termination Pay            | 9,799             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1710 Vacation Term Pay               | 17,647            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 1801 Core Adjustments                | -                 | -                  | 57,650             | -                   | -                                  | (1,665,997)                      | (1,665,997)                                      | 0%                                                                |                                                                |
| 2104 Mileage Reimburse               | 46                | 205                | 205                | 1,405               | 205                                | -                                | (205)                                            | (100%)                                                            |                                                                |
| 2119 Wellness Incentives             | 5,000             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 2204 Pension - General Emp           | 107,051           | 114,505            | 114,505            | 479,990             | 84,378                             | -                                | (114,505)                                        | (100%)                                                            |                                                                |
| 2299 Pension - Def Cont              | 45,765            | 58,753             | 58,753             | 153,390             | 71,608                             | 72,709                           | 13,956                                           | 24%                                                               |                                                                |
| 2301 Soc Sec/Medicare                | 82,054            | 95,951             | 95,951             | 325,038             | 96,755                             | 98,234                           | 2,283                                            | 2%                                                                |                                                                |
| 2307 Year End FICA Accr              | (253)             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 2404 Health Insurance                | 169,762           | 175,547            | 175,547            | 602,964             | 181,183                            | 181,183                          | 5,636                                            | 3%                                                                |                                                                |
| 2410 Workers' Comp                   | 46,779            | 80,820             | 80,820             | 80,820              | 80,820                             | -                                | (80,820)                                         | (100%)                                                            |                                                                |
| 9237 Transfer To Special Obligations | 469,143           | 492,570            | 492,570            | 492,570             | 492,570                            | -                                | (492,570)                                        | (100%)                                                            |                                                                |
| <b>Personal Services</b>             | <b>2,044,822</b>  | <b>2,311,409</b>   | <b>2,369,059</b>   | <b>6,658,318</b>    | <b>2,304,366</b>                   | <b>-</b>                         | <b>(2,311,409)</b>                               | <b>(100%)</b>                                                     |                                                                |
| 3199 Other Prof Serv                 | 48,800            | 18,000             | 18,000             | 33,500              | 18,000                             | -                                | (18,000)                                         | (100%)                                                            |                                                                |
| 3201 Ad/Marketing                    | -                 | 1,000              | 1,000              | 1,000               | 1,000                              | -                                | (1,000)                                          | (100%)                                                            |                                                                |
| 3210 Clerical Services               | 2,671             | 3,000              | 3,000              | 3,001               | 3,000                              | -                                | (3,000)                                          | (100%)                                                            |                                                                |
| 3216 Costs/Fees/Permits              | 733               | 2,000              | 2,000              | 2,000               | 2,000                              | -                                | (2,000)                                          | (100%)                                                            |                                                                |
| 3231 Food Services                   | 1,063             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3299 Other Services                  | 975               | 5,000              | 5,000              | 5,000               | 5,000                              | -                                | (5,000)                                          | (100%)                                                            |                                                                |
| 3304 Office Equip Rent               | 1,878             | 2,500              | 2,500              | 2,501               | 2,500                              | -                                | (2,500)                                          | (100%)                                                            |                                                                |
| 3404 Components/Parts                | 1,457             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3407 Equip Rep & Maint               | 3,280             | 5,000              | 5,000              | 5,000               | 5,000                              | -                                | (5,000)                                          | (100%)                                                            |                                                                |
| 3434 Imp Rep Materials               | -                 | -                  | -                  | 190,000             | -                                  | 130,000                          | 130,000                                          | 0%                                                                | Funding for marine facilities repair and replacement.          |
| 3437 Imp Rep & Maint                 | 23,969            | 346,000            | 346,000            | 601,000             | 20,000                             | 830,000                          | 484,000                                          | 140%                                                              | Funding for non-capital projects directed by the City Manager. |
| 3504 Dupl Paper/Supplies             | 505               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3613 Special Delivery                | -                 | -                  | -                  | 40                  | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3628 Telephone/Cable Tv              | 896               | 900                | 900                | 4,400               | 900                                | -                                | (900)                                            | (100%)                                                            |                                                                |
| 3634 Water/Sew/Storm                 | 27,532            | -                  | -                  | -                   | 30,354                             | -                                | -                                                | 0%                                                                |                                                                |
| 3801 Gasoline                        | -                 | -                  | -                  | 777                 | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3904 Books & Manuals                 | 93                | -                  | -                  | 500                 | 110                                | -                                | -                                                | 0%                                                                |                                                                |
| 3907 Data Proc Supplies              | 1,864             | 17,500             | 17,500             | 25,000              | 17,500                             | -                                | (17,500)                                         | (100%)                                                            |                                                                |
| 3925 Office Equip < \$5000           | 17,491            | 15,000             | 15,000             | 14,999              | 15,000                             | -                                | (15,000)                                         | (100%)                                                            |                                                                |
| 3926 Furniture <\$5000               | -                 | -                  | -                  | 2,116               | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3928 Office Supplies                 | 22,489            | 22,000             | 22,000             | 25,000              | 22,000                             | -                                | (22,000)                                         | (100%)                                                            |                                                                |
| 3940 Safety Shoes                    | -                 | -                  | -                  | 3,750               | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3946 Tools/Equip < \$5000            | 115               | -                  | -                  | 500                 | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 3949 Uniforms                        | 550               | 650                | 650                | 4,950               | 650                                | -                                | (650)                                            | (100%)                                                            |                                                                |
| 3999 Other Supplies                  | 1,907             | -                  | -                  | 52,500              | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 4101 Certification Train             | 4,487             | 6,400              | 6,400              | 48,601              | 6,400                              | -                                | (6,400)                                          | (100%)                                                            |                                                                |
| 4104 Conferences                     | 4,902             | 200                | 200                | 10,264              | 200                                | -                                | (200)                                            | (100%)                                                            |                                                                |
| 4110 Meetings                        | 1,664             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 4113 Memberships/Dues                | 614               | 1,100              | 1,100              | 8,157               | 1,100                              | -                                | (1,100)                                          | (100%)                                                            |                                                                |
| 4116 Schools                         | 5,166             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 4308 Overhead-Fleet                  | -                 | -                  | -                  | 2,918               | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 4343 Servchg-Info Sys                | 434,860           | 455,641            | 455,641            | 455,641             | 455,641                            | -                                | (455,641)                                        | (100%)                                                            |                                                                |
| 4355 Servchg-Print Shop              | 253               | 1,000              | 1,000              | 1,000               | 1,000                              | -                                | (1,000)                                          | (100%)                                                            |                                                                |
| 4361 Servchg-Pub Works               | 114,882           | 112,194            | 112,194            | 112,195             | 112,194                            | -                                | (112,194)                                        | (100%)                                                            |                                                                |
| 4372 Servchg-Fleet Replacement       | -                 | -                  | -                  | 4,184               | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 4373 Servchg-Fleet O&M               | -                 | -                  | -                  | 6,907               | -                                  | -                                | -                                                | 0%                                                                |                                                                |
| 4401 Auto Liability                  | 11,934            | 2,382              | 2,382              | 2,382               | 2,382                              | -                                | (2,382)                                          | (100%)                                                            |                                                                |

## Engineering Administration - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------|
| 4407 Emp Proceedings      | 41,524            | 96,026             | 96,026             | 96,026              | 96,026                             | -                                | (96,026)                                         | (100%)                                                            |                  |
| 4410 General Liability    | 464,226           | 404,318            | 404,318            | 404,318             | 404,318                            | -                                | (404,318)                                        | (100%)                                                            |                  |
| 4416 Other Ins Charges    | 27,386            | 71,108             | 71,108             | 71,108              | 71,108                             | -                                | (71,108)                                         | (100%)                                                            |                  |
| 4428 Prop/Fire Insurance  | -                 | 35,660             | 35,660             | 35,660              | 35,660                             | -                                | (35,660)                                         | (100%)                                                            |                  |
| 4431 Pub Officials Liab   | 4,708             | 5,181              | 5,181              | 5,182               | 5,181                              | -                                | (5,181)                                          | (100%)                                                            |                  |
| <b>Operating Expenses</b> | <b>1,274,874</b>  | <b>1,629,760</b>   | <b>1,629,760</b>   | <b>2,242,077</b>    | <b>1,334,224</b>                   | <b>960,000</b>                   | <b>(669,760)</b>                                 | <b>(41%)</b>                                                      |                  |
| <b>Division Total</b>     | <b>3,319,696</b>  | <b>3,941,169</b>   | <b>3,998,819</b>   | <b>8,900,395</b>    | <b>3,638,590</b>                   | <b>960,000</b>                   | <b>(2,981,169)</b>                               | <b>(76%)</b>                                                      |                  |

# Project Management - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense |
|---------------------------------|-------------------|--------------------|--------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|------------------|
| 1101 Permanent Salaries         | 2,729,976         | 3,443,000          | 3,443,000          | 3,178,128                          | 2,890,485                        | (552,515)                                     | (16%)                                                             |                  |
| 1110 Sick Conv to Cash          | 6,894             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1113 Vac Mgmt Conv              | 18,810            | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1119 Payroll Accrual            | (539)             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1199 Other Reg Salaries         | -                 | 35,482             | 35,482             | -                                  | -                                | (35,482)                                      | (100%)                                                            |                  |
| 1201 Longevity Pay              | 39,055            | 37,229             | 37,229             | 32,482                             | 24,049                           | (13,180)                                      | (35%)                                                             |                  |
| 1304 Assignment Pay             | 14,872            | 16,557             | 16,557             | -                                  | -                                | (16,557)                                      | (100%)                                                            |                  |
| 1313 Standby Pay                | 1,052             | -                  | -                  | 1,052                              | -                                | -                                             | 0%                                                                |                  |
| 1316 Upgrade Pay                | 3,568             | -                  | -                  | 3,568                              | -                                | -                                             | 0%                                                                |                  |
| 1401 Car Allowances             | 20,250            | 24,000             | 24,000             | 76,560                             | 73,560                           | 49,560                                        | 207%                                                              |                  |
| 1407 Expense Allowances         | 22,880            | 26,400             | 26,400             | 3,360                              | 3,360                            | (23,040)                                      | (87%)                                                             |                  |
| 1413 Cellphone Allowance        | 15,210            | 15,360             | 15,360             | 13,200                             | 11,280                           | (4,080)                                       | (27%)                                                             |                  |
| 1501 Overtime 1.5X Pay          | 64,204            | 10,920             | 10,920             | 11,466                             | -                                | (10,920)                                      | (100%)                                                            |                  |
| 1504 Overtime 1X Pay            | 2,274             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1511 O/T - Unplanned - 1.5X Pay | 78                | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1701 Retirement Gifts           | 100               | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1707 Sick Termination Pay       | 5,046             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1710 Vacation Term Pay          | 18,867            | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 1801 Core Adjustments           | -                 | (999,328)          | (999,328)          | -                                  | (3,671,638)                      | (2,672,310)                                   | 267%                                                              |                  |
| 2104 Mileage Reimburse          | 1,607             | 1,200              | 1,200              | 1,200                              | -                                | (1,200)                                       | (100%)                                                            |                  |
| 2119 Wellness Incentives        | 8,000             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 2204 Pension - General Emp      | 401,231           | 365,485            | 365,485            | 322,142                            | -                                | (365,485)                                     | (100%)                                                            |                  |
| 2299 Pension - Def Cont         | 74,853            | 140,464            | 140,464            | 127,938                            | 118,459                          | (22,005)                                      | (16%)                                                             |                  |
| 2301 Soc Sec/Medicare           | 216,466           | 275,292            | 275,292            | 245,611                            | 222,960                          | (52,332)                                      | (19%)                                                             |                  |
| 2307 Year End FICA Accr         | (255)             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 2404 Health Insurance           | 375,842           | 427,417            | 427,417            | 406,924                            | 327,485                          | (99,932)                                      | (23%)                                                             |                  |
| <b>Personal Services</b>        | <b>4,040,341</b>  | <b>3,819,478</b>   | <b>3,819,478</b>   | <b>4,423,631</b>                   | <b>-</b>                         | <b>(3,819,478)</b>                            | <b>(100%)</b>                                                     |                  |
| 3199 Other Prof Serv            | 210               | 15,500             | 15,500             | 15,500                             | -                                | (15,500)                                      | (100%)                                                            |                  |
| 3216 Costs/Fees/Permits         | 218               | -                  | -                  | 200                                | -                                | -                                             | 0%                                                                |                  |
| 3299 Other Services             | 15,818            | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 3404 Components/Parts           | 8,808             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 3407 Equip Rep & Maint          | 719               | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 3425 Bldg Rep Materials         | 1,122             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 3434 Imp Rep Materials          | 101,188           | 90,000             | 90,000             | -                                  | -                                | (90,000)                                      | (100%)                                                            |                  |
| 3437 Imp Rep & Maint            | 49,412            | 255,000            | 255,000            | 30,000                             | -                                | (255,000)                                     | (100%)                                                            |                  |
| 3607 Nat/Propane Gas            | 122               | 250                | 250                | -                                  | -                                | (250)                                         | (100%)                                                            |                  |
| 3628 Telephone/Cable Tv         | 4,607             | 3,500              | 3,500              | 3,500                              | -                                | (3,500)                                       | (100%)                                                            |                  |
| 3801 Gasoline                   | 2,960             | 12,444             | 12,444             | 12,444                             | -                                | (12,444)                                      | (100%)                                                            |                  |
| 3904 Books & Manuals            | 3,519             | 500                | 500                | 500                                | -                                | (500)                                         | (100%)                                                            |                  |
| 3907 Data Proc Supplies         | 978               | 7,500              | 7,500              | 3,750                              | -                                | (7,500)                                       | (100%)                                                            |                  |
| 3925 Office Equip < \$5000      | 5,663             | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 3928 Office Supplies            | 653               | 3,000              | 3,000              | 3,000                              | -                                | (3,000)                                       | (100%)                                                            |                  |
| 3940 Safety Shoes               | 2,547             | 1,000              | 1,000              | 1,000                              | -                                | (1,000)                                       | (100%)                                                            |                  |
| 3946 Tools/Equip < \$5000       | 9,284             | 500                | 500                | 500                                | -                                | (500)                                         | (100%)                                                            |                  |
| 3949 Uniforms                   | 971               | 1,000              | 1,000              | 1,000                              | -                                | (1,000)                                       | (100%)                                                            |                  |
| 3999 Other Supplies             | 1,548             | 2,500              | 2,500              | 2,500                              | -                                | (2,500)                                       | (100%)                                                            |                  |
| 4101 Certification Train        | 10,319            | 20,201             | 20,201             | 20,201                             | -                                | (20,201)                                      | (100%)                                                            |                  |
| 4104 Conferences                | 20,132            | 10,064             | 10,064             | 10,064                             | -                                | (10,064)                                      | (100%)                                                            |                  |
| 4113 Memberships/Dues           | 3,379             | 7,057              | 7,057              | 7,057                              | -                                | (7,057)                                       | (100%)                                                            |                  |
| 4308 Overhead-Fleet             | 1,836             | 2,918              | 2,918              | 2,918                              | -                                | (2,918)                                       | (100%)                                                            |                  |
| 4355 Servchg-Print Shop         | 522               | -                  | -                  | 200                                | -                                | -                                             | 0%                                                                |                  |
| 4372 Servchg-Fleet Replacement  | 4,031             | 4,184              | 4,184              | 4,184                              | -                                | (4,184)                                       | (100%)                                                            |                  |
| 4373 Servchg-Fleet O&M          | 6,780             | 6,907              | 6,907              | 6,907                              | -                                | (6,907)                                       | (100%)                                                            |                  |
| <b>Operating Expenses</b>       | <b>257,346</b>    | <b>444,025</b>     | <b>444,025</b>     | <b>125,425</b>                     | <b>-</b>                         | <b>(444,025)</b>                              | <b>(100%)</b>                                                     |                  |
| 6416 Vehicles                   | 193,523           | -                  | -                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| <b>Capital Outlay</b>           | <b>193,523</b>    | <b>-</b>           | <b>-</b>           | <b>-</b>                           | <b>-</b>                         | <b>-</b>                                      | <b>0%</b>                                                         |                  |
| <b>Division Total</b>           | <b>4,491,210</b>  | <b>4,263,503</b>   | <b>4,263,503</b>   | <b>4,549,056</b>                   | <b>-</b>                         | <b>(4,263,503)</b>                            | <b>-100%</b>                                                      |                  |



# Roadway Maintenance - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                 |
|--------------------------------------|-------------------|--------------------|--------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|
| 1101 Permanent Salaries              | -                 | -                  | -                  | 428,044                            | 771,168                          | 771,168                                       | 0%                                                                |                                                                  |
| 1201 Longevity Pay                   | -                 | -                  | -                  | 5,847                              | 14,280                           | 14,280                                        | 0%                                                                |                                                                  |
| 1401 Car Allowances                  | -                 | -                  | -                  | 7,080                              | 10,080                           | 10,080                                        | 0%                                                                |                                                                  |
| 1413 Cellphone Allowance             | -                 | -                  | -                  | 960                                | 2,880                            | 2,880                                         | 0%                                                                |                                                                  |
| 1801 Core Adjustments                | -                 | 999,328            | 999,328            | -                                  | -                                | (999,328)                                     | (100%)                                                            |                                                                  |
| 2204 Pension - General Emp           | -                 | -                  | -                  | 43,898                             | 82,530                           | 82,530                                        | 0%                                                                |                                                                  |
| 2299 Pension - Def Cont              | -                 | -                  | -                  | 17,109                             | 28,820                           | 28,820                                        | 0%                                                                |                                                                  |
| 2301 Soc Sec/Medicare                | -                 | -                  | -                  | 33,193                             | 60,088                           | 60,088                                        | 0%                                                                |                                                                  |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                                  | 497                              | 497                                           | 0%                                                                |                                                                  |
| 2404 Health Insurance                | -                 | -                  | -                  | 78,860                             | 145,828                          | 145,828                                       | 0%                                                                |                                                                  |
| 2410 Workers' Comp                   | -                 | -                  | -                  | -                                  | 15,009                           | 15,009                                        | 0%                                                                |                                                                  |
| 9237 Transfer To Special Obligations | -                 | -                  | -                  | -                                  | 91,518                           | 91,518                                        | 0%                                                                |                                                                  |
| <b>Personal Services</b>             | -                 | 999,328            | 999,328            | 614,991                            | 1,222,698                        | 223,370                                       | 22%                                                               |                                                                  |
| 3316 Building Leases                 | -                 | -                  | -                  | -                                  | 108,895                          | 108,895                                       | 0%                                                                | Funding to rent space at the Fort Lauderdale Executive Airport   |
| 3434 Imp Rep Materials               | -                 | 100,000            | 100,000            | 190,000                            | 190,000                          | 90,000                                        | 90%                                                               | Road Maintenance materials - asphalt, tack, sign materials, etc. |
| 3437 Imp Rep & Maint                 | -                 | -                  | -                  | 225,000                            | 225,000                          | 225,000                                       | 0%                                                                | Funding for non capital roadway maintenance.                     |
| 3607 Nat/Propane Gas                 | -                 | -                  | -                  | 250                                | 250                              | 250                                           | 0%                                                                | Funding is used for propane fueled equipment.                    |
| 3801 Gasoline                        | -                 | 119,500            | 119,500            | 119,500                            | 119,500                          | -                                             | 0%                                                                |                                                                  |
| 3907 Data Proc Supplies              | -                 | -                  | -                  | 3,750                              | 3,750                            | 3,750                                         | 0%                                                                | Funding for software licenses utilized by the division.          |
| 3940 Safety Shoes                    | -                 | 2,750              | 2,750              | 2,750                              | 3,500                            | 750                                           | 27%                                                               |                                                                  |
| 3949 Uniforms                        | -                 | 3,300              | 3,300              | 3,300                              | 4,200                            | 900                                           | 27%                                                               |                                                                  |
| 3999 Other Supplies                  | -                 | 50,000             | 50,000             | 50,000                             | 50,000                           | -                                             | 0%                                                                | Funding used for supplies related to asphalt.                    |
| 4101 Certification Train             | -                 | 22,000             | 22,000             | 22,000                             | -                                | (22,000)                                      | (100%)                                                            |                                                                  |
| 4343 Servchg-Info Sys                | -                 | -                  | -                  | -                                  | 84,619                           | 84,619                                        | 0%                                                                |                                                                  |
| 4361 Servchg-Pub Works               | -                 | -                  | -                  | -                                  | 298,162                          | 298,162                                       | 0%                                                                |                                                                  |
| 4372 Servchg-Fleet Replacement       | -                 | -                  | -                  | -                                  | 82,620                           | 82,620                                        | 0%                                                                |                                                                  |
| 4373 Servchg-Fleet O&M               | -                 | -                  | -                  | -                                  | 586                              | 586                                           | 0%                                                                |                                                                  |
| 4407 Emp Proceedings                 | -                 | -                  | -                  | -                                  | 17,833                           | 17,833                                        | 0%                                                                |                                                                  |
| 4410 General Liability               | -                 | -                  | -                  | -                                  | 75,088                           | 75,088                                        | 0%                                                                |                                                                  |
| 4416 Other Ins Charges               | -                 | -                  | -                  | -                                  | 13,206                           | 13,206                                        | 0%                                                                |                                                                  |
| 4428 Prop/Fire Insurance             | -                 | -                  | -                  | -                                  | 6,623                            | 6,623                                         | 0%                                                                |                                                                  |
| 4431 Pub Officials Liab              | -                 | -                  | -                  | -                                  | 962                              | 962                                           | 0%                                                                |                                                                  |
| <b>Operating Expenses</b>            | -                 | 297,550            | 297,550            | 616,550                            | 1,284,794                        | 987,244                                       | 332%                                                              |                                                                  |
| <b>Division Total</b>                | -                 | 1,296,878          | 1,296,878          | 1,231,541                          | 2,507,492                        | 1,210,614                                     | 93%                                                               |                                                                  |

# Sustainability - Expenditures

| Subobject                  | FY 2018 Actual | FY 2019 Adopted  | FY 2019 Amended  | FY 2019 Estimate | FY 2020 Department Requested | FY 2020 Budget Recommended | FY 2019 Adopted vs. FY 2020 Recommended | FY 2019 Adopted vs. FY 2020 Recommended (% Different) | Basis of Expense                                                                                                                                                                   |
|----------------------------|----------------|------------------|------------------|------------------|------------------------------|----------------------------|-----------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries    | 699,521        | 792,403          | 844,494          | 972,657          | 880,564                      | 894,112                    | 101,709                                 | 13%                                                   |                                                                                                                                                                                    |
| 1107 Part Time Salaries    | 10,205         | -                | 17,554           | 1,190            | 17,554                       | 18,432                     | 18,432                                  | 0%                                                    |                                                                                                                                                                                    |
| 1113 Vac Mgmt Conv         | 5,127          | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 1116 Comp Absences         | (1,833)        | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 1119 Payroll Accrual       | 1,648          | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 1199 Other Reg Salaries    | -              | 3,427            | 3,427            | 3,427            | -                            | -                          | (3,427)                                 | (100%)                                                |                                                                                                                                                                                    |
| 1201 Longevity Pay         | 2,277          | 3,191            | 3,191            | 4,059            | 774                          | 774                        | (2,417)                                 | (76%)                                                 |                                                                                                                                                                                    |
| 1401 Car Allowances        | 12,830         | 13,080           | 13,080           | 23,054           | 20,160                       | 20,160                     | 7,080                                   | 54%                                                   |                                                                                                                                                                                    |
| 1407 Expense Allowances    | 3,480          | 3,360            | 4,320            | 2,800            | 3,840                        | 3,840                      | 480                                     | 14%                                                   |                                                                                                                                                                                    |
| 1413 Cellphone Allowance   | 3,710          | 3,960            | 4,440            | 4,962            | 2,640                        | 2,640                      | (1,320)                                 | (33%)                                                 |                                                                                                                                                                                    |
| 1501 Overtime 1.5X Pay     | 324            | 2,256            | 2,256            | -                | 2,256                        | 2,369                      | 113                                     | 5%                                                    |                                                                                                                                                                                    |
| 1504 Overtime 1X Pay       | 170            | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 1707 Sick Termination Pay  | 1,833          | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 1801 Core Adjustments      | -              | -                | -                | -                | -                            | 82,121                     | 82,121                                  | 0%                                                    |                                                                                                                                                                                    |
| 2104 Mileage Reimburse     | 383            | -                | -                | 53               | 200                          | 200                        | 200                                     | 0%                                                    |                                                                                                                                                                                    |
| 2119 Wellness Incentives   | 1,500          | -                | -                | -                | -                            | 2,500                      | 2,500                                   | 0%                                                    |                                                                                                                                                                                    |
| 2204 Pension - General Emp | 19,341         | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 2299 Pension - Def Cont    | 62,838         | 71,603           | 76,293           | 82,532           | 79,320                       | 80,540                     | 8,937                                   | 12%                                                   |                                                                                                                                                                                    |
| 2301 Soc Sec/Medicare      | 53,406         | 61,605           | 66,934           | 71,332           | 67,422                       | 68,460                     | 6,855                                   | 11%                                                   |                                                                                                                                                                                    |
| 2307 Year End FICA Accr    | (113)          | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 2402 Life Insurance        | -              | -                | -                | -                | -                            | 577                        | 577                                     | 0%                                                    |                                                                                                                                                                                    |
| 2404 Health Insurance      | 88,253         | 77,138           | 77,138           | 77,138           | 122,220                      | 84,807                     | 7,669                                   | 10%                                                   |                                                                                                                                                                                    |
| 2410 Workers' Comp         | -              | -                | -                | -                | -                            | 12,700                     | 12,700                                  | 0%                                                    |                                                                                                                                                                                    |
| <b>Personal Services</b>   | <b>964,900</b> | <b>1,032,023</b> | <b>1,113,127</b> | <b>1,243,204</b> | <b>1,196,950</b>             | <b>1,274,232</b>           | <b>242,209</b>                          | <b>23%</b>                                            |                                                                                                                                                                                    |
| 3199 Other Prof Serv       | 43,674         | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 3201 Ad/Marketing          | 3,640          | 5,000            | 10,000           | 10,000           | 7,000                        | 7,000                      | 2,000                                   | 40%                                                   | Public notices for ordinances, ads for tree giveaways, ISO14001 Signs/Banners for certified facilities (new or replacement), ads/notices for Sustainability Food Recovery program. |
| 3216 Costs/Fees/Permits    | 80             | 80               | 80               | 160              | 80                           | 80                         | -                                       | 0%                                                    | Official Parking and miscellaneous operations projects permits.                                                                                                                    |
| 3231 Food Services         | 24             | 700              | 700              | 700              | 700                          | 700                        | -                                       | 0%                                                    | Food for Green Team challenge recognition events and during training for audits (per PSM).                                                                                         |
| 3243 Prizes & Awards       | -              | 1,000            | 1,000            | 1,000            | 1,300                        | 200                        | (800)                                   | (80%)                                                 | Funding for small items given away at Neighbor Support Night and Green Team events.                                                                                                |
| 3299 Other Services        | 8,120          | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 3304 Office Equip Rent     | 554            | 1,100            | 1,100            | 1,100            | 1,100                        | 600                        | (500)                                   | (45%)                                                 | Funding for copier/scanner lease.                                                                                                                                                  |
| 3307 Vehicle Rental        | -              | -                | 11,570           | -                | 11,570                       | 11,570                     | 11,570                                  | 0%                                                    | Funding to rent a vehicle used in the food recovery program.                                                                                                                       |
| 3319 Office Space Rent     | 106,191        | 98,700           | 98,700           | 93,203           | 98,700                       | 106,500                    | 7,800                                   | 8%                                                    | Funding to rent office space in Ivy Tower.                                                                                                                                         |
| 3401 Computer Maint        | -              | 600              | 600              | 600              | 600                          | -                          | (600)                                   | (100%)                                                |                                                                                                                                                                                    |
| 3404 Components/Parts      | -              | 200              | 200              | 200              | 200                          | 200                        | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 3407 Equip Rep & Maint     | 1,181          | -                | -                | -                | -                            | -                          | -                                       | 0%                                                    |                                                                                                                                                                                    |
| 3616 Postage               | -              | 520              | 520              | 520              | -                            | -                          | (520)                                   | (100%)                                                |                                                                                                                                                                                    |
| 3628 Telephone/Cable Tv    | 938            | 900              | 900              | 900              | 900                          | 1,000                      | 100                                     | 11%                                                   |                                                                                                                                                                                    |
| 3801 Gasoline              | -              | -                | 3,600            | -                | -                            | 1,000                      | 1,000                                   | 0%                                                    |                                                                                                                                                                                    |
| 3904 Books & Manuals       | 204            | 530              | 530              | 530              | 330                          | 330                        | (200)                                   | (38%)                                                 | Energy and LEED Study Guide and reference books; ISO Standards - official City of Fort Lauderdale purchase; other training books and manuals as necessary.                         |
| 3907 Data Proc Supplies    | -              | 9,000            | 9,000            | 9,000            | 12,000                       | 12,000                     | 3,000                                   | 33%                                                   | Funding for energy tracking software services.                                                                                                                                     |
| 3913 Horticultural Sup     | 53,995         | 71,000           | 71,000           | 71,000           | 71,000                       | 80,000                     | 9,000                                   | 13%                                                   | Funding is provided from the Tree Trust Fund for the tree distribution program.                                                                                                    |
| 3925 Office Equip < \$5000 | 3,215          | 1,200            | 1,200            | 1,200            | 600                          | 600                        | (600)                                   | (50%)                                                 |                                                                                                                                                                                    |
| 3926 Furniture <\$5000     | -              | 1,000            | 5,500            | 5,500            | 5,000                        | -                          | (1,000)                                 | (100%)                                                |                                                                                                                                                                                    |

# Sustainability - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                     |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|--------------------------------------|
| 3928 Office Supplies      | 4,958             | 4,500              | 9,500              | 9,500               | 9,250                              | 9,250                            | 4,750                                         | 106%                                                              | Funding for general office supplies. |
| 3946 Tools/Equip < \$5000 | -                 | -                  | 250                | 250                 | 250                                | -                                | -                                             | 0%                                                                |                                      |
| 3949 Uniforms             | 218               | 800                | 800                | 1,000               | 600                                | 600                              | (200)                                         | (25%)                                                             |                                      |
| 3999 Other Supplies       | 272               | 700                | 5,200              | 5,200               | 4,970                              | 500                              | (200)                                         | (29%)                                                             |                                      |
| 4101 Certification Train  | 1,428             | 4,000              | 8,000              | 8,000               | 8,200                              | -                                | (4,000)                                       | (100%)                                                            |                                      |
| 4104 Conferences          | 8,737             | 8,680              | 8,680              | 8,680               | 8,800                              | -                                | (8,680)                                       | (100%)                                                            |                                      |
| 4110 Meetings             | 568               | 1,675              | 1,675              | 1,675               | 1,200                              | -                                | (1,675)                                       | (100%)                                                            |                                      |
| 4113 Memberships/Dues     | 8,930             | 8,242              | 8,242              | 8,242               | 8,550                              | -                                | (8,242)                                       | (100%)                                                            |                                      |
| 4119 Training & Travel    | -                 | -                  | -                  | -                   | -                                  | 21,200                           | 21,200                                        | 0%                                                                | Funding for career development.      |
| 4207 Promotional Contr    | 5,000             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                      |
| 4343 Servchg-Info Sys     | -                 | -                  | -                  | -                   | -                                  | 71,601                           | 71,601                                        | 0%                                                                |                                      |
| 4355 Servchg-Print Shop   | 734               | 1,100              | 1,100              | 1,101               | 1,100                              | 1,100                            | -                                             | 0%                                                                |                                      |
| 4361 Servchg-Pub Works    | -                 | -                  | -                  | -                   | -                                  | 45,250                           | 45,250                                        | 0%                                                                |                                      |
| 4373 Servchg-Fleet O&M    | 1,694             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                      |
| 4407 Emp Proceedings      | -                 | -                  | -                  | -                   | -                                  | 15,090                           | 15,090                                        | 0%                                                                |                                      |
| 4410 General Liability    | -                 | -                  | -                  | -                   | -                                  | 63,536                           | 63,536                                        | 0%                                                                |                                      |
| 4416 Other Ins Charges    | -                 | -                  | -                  | -                   | -                                  | 11,174                           | 11,174                                        | 0%                                                                |                                      |
| 4428 Prop/Fire Insurance  | -                 | -                  | -                  | -                   | -                                  | 5,604                            | 5,604                                         | 0%                                                                |                                      |
| 4431 Pub Officials Liab   | -                 | -                  | -                  | -                   | -                                  | 814                              | 814                                           | 0%                                                                |                                      |
| <b>Operating Expenses</b> | <b>254,355</b>    | <b>221,227</b>     | <b>259,647</b>     | <b>239,261</b>      | <b>254,000</b>                     | <b>467,499</b>                   | <b>246,272</b>                                | <b>111%</b>                                                       |                                      |
| <b>Division Total</b>     | <b>1,219,255</b>  | <b>1,253,250</b>   | <b>1,372,774</b>   | <b>1,482,465</b>    | <b>1,450,950</b>                   | <b>1,741,731</b>                 | <b>488,481</b>                                | <b>39%</b>                                                        |                                      |

# Public Works Department Project Management Fund





# Public Works - Project Management Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                               | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Project Management Fund - 530 | \$ -              | -                  | -                  | -                   | -                                | 4,908,288                        | 4,908,288                         | 100.0%                |
| <b>Total Funding</b>          | -                 | -                  | -                  | -                   | -                                | <b>4,908,288</b>                 | <b>4,908,288</b>                  | <b>100.0%</b>         |

### Financial Summary - Program Expenditures

|                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|----------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Engineering Administration | -                 | -                  | -                  | -                   | -                                | 1,081,310                        | 1,081,310                         | 100.0%                |
| Project Management         | -                 | -                  | -                  | -                   | -                                | 3,826,978                        | 3,826,978                         | 100.0%                |
| <b>Total Expenditures</b>  | -                 | -                  | -                  | -                   | -                                | <b>4,908,288</b>                 | <b>4,908,288</b>                  | <b>100.0%</b>         |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | -                 | -                  | -                  | -                   | -                                | 3,755,337                        | 3,755,337                         | 100.0%                |
| Operating Expenses                  | -                 | -                  | -                  | -                   | -                                | 1,152,951                        | 1,152,951                         | 100.0%                |
| <b>Total Expenditures</b>           | \$ -              | -                  | -                  | -                   | -                                | <b>4,908,288</b>                 | <b>4,908,288</b>                  | <b>100.0%</b>         |
| <i>Full Time Equivalents (FTEs)</i> | -                 | -                  | -                  | -                   | -                                | 26.0                             | 26.0                              | 100.0%                |

#### FY 2020 Major Variances

##### Personal Services

Increase in personal services due to the transfer for twenty-six (26) positions from the General Fund \$ 3,755,337

##### Operating Expenses

Increase in operating expenses associated with transferring staff from the General Fund 1,152,951



# Descriptions & Line Items By Division







# Project Management Administration - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                   |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 1801 Core Adjustments                | -                 | -                  | -                  | -                   | -                                  | 437,667                          | 437,667                                          | 100%                                                              | Four (4) positions transferred from the General Fund.                              |
| 2204 Pension - General Emp           | -                 | -                  | -                  | -                   | -                                  | 11,466                           | 11,466                                           | 100%                                                              |                                                                                    |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 822                              | 822                                              | 100%                                                              |                                                                                    |
| 2410 Workers' Comp                   | -                 | -                  | -                  | -                   | -                                  | 18,473                           | 18,473                                           | 100%                                                              |                                                                                    |
| 9237 Transfer To Special Obligations | -                 | -                  | -                  | -                   | -                                  | 12,500                           | 12,500                                           | 100%                                                              |                                                                                    |
| <b>Personal Services</b>             |                   |                    |                    |                     |                                    | <b>480,928</b>                   | <b>480,928</b>                                   | <b>100%</b>                                                       |                                                                                    |
| 3210 Clerical Services               | -                 | -                  | -                  | -                   | -                                  | 3,000                            | 3,000                                            | 100%                                                              | Transcribing Infrastructure Task Force and Fire Bond Committee meeting minutes.    |
| 3216 Costs/Fees/Permits              | -                 | -                  | -                  | -                   | -                                  | 600                              | 600                                              | 100%                                                              | Official Parking and miscellaneous operations projects permits.                    |
| 3304 Office Equip Rent               | -                 | -                  | -                  | -                   | -                                  | 2,000                            | 2,000                                            | 100%                                                              | Funding for copier and scanner lease.                                              |
| 3407 Equip Rep & Maint               | -                 | -                  | -                  | -                   | -                                  | 4,000                            | 4,000                                            | 100%                                                              | Funding for repair and maintenance of equipment.                                   |
| 3628 Telephone/Cable Tv              | -                 | -                  | -                  | -                   | -                                  | 900                              | 900                                              | 100%                                                              |                                                                                    |
| 3634 Water/Sew/Storm                 | -                 | -                  | -                  | -                   | -                                  | 30,354                           | 30,354                                           | 100%                                                              |                                                                                    |
| 3904 Books & Manuals                 | -                 | -                  | -                  | -                   | -                                  | 83                               | 83                                               | 100%                                                              |                                                                                    |
| 3907 Data Proc Supplies              | -                 | -                  | -                  | -                   | -                                  | 1,500                            | 1,500                                            | 100%                                                              | Funding for software licenses utilized by the division.                            |
| 3925 Office Equip < \$5000           | -                 | -                  | -                  | -                   | -                                  | 2,400                            | 2,400                                            | 100%                                                              | Funding for small office equipment needs within the division.                      |
| 3928 Office Supplies                 | -                 | -                  | -                  | -                   | -                                  | 16,500                           | 16,500                                           | 100%                                                              | Funding for general office supply needs.                                           |
| 3949 Uniforms                        | -                 | -                  | -                  | -                   | -                                  | 488                              | 488                                              | 100%                                                              |                                                                                    |
| 4343 Servchg-Info Sys                | -                 | -                  | -                  | -                   | -                                  | 104,147                          | 104,147                                          | 100%                                                              | Service charge for information technology support.                                 |
| 4355 Servchg-Print Shop              | -                 | -                  | -                  | -                   | -                                  | 750                              | 750                                              | 100%                                                              |                                                                                    |
| 4361 Servchg-Pub Works               | -                 | -                  | -                  | -                   | -                                  | 293,707                          | 293,707                                          | 100%                                                              | Service charge allocation for Public Works administration included in other funds. |
| 4407 Emp Proceedings                 | -                 | -                  | -                  | -                   | -                                  | 21,949                           | 21,949                                           | 100%                                                              |                                                                                    |
| 4410 General Liability               | -                 | -                  | -                  | -                   | -                                  | 92,416                           | 92,416                                           | 100%                                                              |                                                                                    |
| 4416 Other Ins Charges               | -                 | -                  | -                  | -                   | -                                  | 16,253                           | 16,253                                           | 100%                                                              |                                                                                    |
| 4428 Prop/Fire Insurance             | -                 | -                  | -                  | -                   | -                                  | 8,151                            | 8,151                                            | 100%                                                              |                                                                                    |
| 4431 Pub Officials Liab              | -                 | -                  | -                  | -                   | -                                  | 1,184                            | 1,184                                            | 100%                                                              |                                                                                    |
| <b>Operating Expenses</b>            | -                 | -                  | -                  | -                   | -                                  | <b>600,382</b>                   | <b>600,382</b>                                   | <b>100%</b>                                                       |                                                                                    |
| <b>Division Total</b>                | -                 | -                  | -                  | -                   | -                                  | <b>1,081,310</b>                 | <b>1,081,310</b>                                 | <b>100%</b>                                                       |                                                                                    |

# Project Management - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|
| 1313 Standby Pay                     |                   |                    |                    | -                   | -                                  | 1,052                            | 1,052                                         | 100%                                                              |                                                                 |
| 1316 Upgrade Pay                     | -                 | -                  | -                  | -                   | -                                  | 3,568                            | 3,568                                         | 100%                                                              |                                                                 |
| 1501 Overtime 1.5X Pay               | -                 | -                  | -                  | -                   | -                                  | 11,466                           | 11,466                                        | 100%                                                              |                                                                 |
| 1801 Core Adjustments                | -                 | -                  | -                  | -                   | -                                  | 2,647,882                        | 2,647,882                                     | 100%                                                              | 22 positions transferred from the General Fund.                 |
| 2104 Mileage Reimburse               | -                 | -                  | -                  | -                   | -                                  | 1,200                            | 1,200                                         | 100%                                                              |                                                                 |
| 2119 Wellness Incentives             | -                 | -                  | -                  | -                   | -                                  | 10,000                           | 10,000                                        | 100%                                                              |                                                                 |
| 2204 Pension - General Emp           | -                 | -                  | -                  | -                   | -                                  | 251,800                          | 251,800                                       | 100%                                                              |                                                                 |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 1,863                            | 1,863                                         | 100%                                                              |                                                                 |
| 2410 Workers' Comp                   | -                 | -                  | -                  | -                   | -                                  | 31,173                           | 31,173                                        | 100%                                                              |                                                                 |
| 9237 Transfer To Special Obligations | -                 | -                  | -                  | -                   | -                                  | 314,405                          | 314,405                                       | 100%                                                              |                                                                 |
| <b>Personal Services</b>             | -                 | -                  | -                  | -                   | -                                  | 3,274,409                        | 3,274,409                                     | 100%                                                              |                                                                 |
| 3199 Other Prof Serv                 | -                 | -                  | -                  | -                   | -                                  | 500                              | 500                                           | 100%                                                              |                                                                 |
| 3216 Costs/Fees/Permits              | -                 | -                  | -                  | -                   | -                                  | 200                              | 200                                           | 100%                                                              | Official Parking and miscellaneous operations projects permits. |
| 3437 Imp Rep & Maint                 | -                 | -                  | -                  | -                   | -                                  | 30,000                           | 30,000                                        | 100%                                                              | Funding for non capital repairs and maintenance.                |
| 3628 Telephone/Cable Tv              | -                 | -                  | -                  | -                   | -                                  | 4,700                            | 4,700                                         | 100%                                                              |                                                                 |
| 3801 Gasoline                        | -                 | -                  | -                  | -                   | -                                  | 3,170                            | 3,170                                         | 100%                                                              |                                                                 |
| 3904 Books & Manuals                 | -                 | -                  | -                  | -                   | -                                  | 500                              | 500                                           | 100%                                                              |                                                                 |
| 3907 Data Proc Supplies              | -                 | -                  | -                  | -                   | -                                  | 3,750                            | 3,750                                         | 100%                                                              | Funding for software licenses utilized by the division.         |
| 3925 Office Equip < \$5000           | -                 | -                  | -                  | -                   | -                                  | 6,000                            | 6,000                                         | 100%                                                              | Funding for small office equipment needs within the division.   |
| 3928 Office Supplies                 | -                 | -                  | -                  | -                   | -                                  | 3,000                            | 3,000                                         | 100%                                                              | Funding for general office supply needs.                        |
| 3940 Safety Shoes                    | -                 | -                  | -                  | -                   | -                                  | 2,000                            | 2,000                                         | 100%                                                              |                                                                 |
| 3946 Tools/Equip < \$5000            | -                 | -                  | -                  | -                   | -                                  | 500                              | 500                                           | 100%                                                              |                                                                 |
| 3949 Uniforms                        | -                 | -                  | -                  | -                   | -                                  | 1,000                            | 1,000                                         | 100%                                                              |                                                                 |
| 3999 Other Supplies                  | -                 | -                  | -                  | -                   | -                                  | 1,500                            | 1,500                                         | 100%                                                              | Funding for supplies and outreach materials.                    |
| 4119 Training and Travel             | -                 | -                  | -                  | -                   | -                                  | 67,800                           | 67,800                                        | 100%                                                              | Funding for career development opportunities.                   |
| 4308 Overhead-Fleet                  | -                 | -                  | -                  | -                   | -                                  | 2,918                            | 2,918                                         | 100%                                                              |                                                                 |
| 4343 Servchg-Info Sys                | -                 | -                  | -                  | -                   | -                                  | 175,747                          | 175,747                                       | 100%                                                              | Service charge for information technology support.              |
| 4355 Servchg-Print Shop              | -                 | -                  | -                  | -                   | -                                  | 200                              | 200                                           | 100%                                                              |                                                                 |
| 4372 Servchg-Fleet Replacement       | -                 | -                  | -                  | -                   | -                                  | 3,877                            | 3,877                                         | 100%                                                              |                                                                 |
| 4373 Servchg-Fleet O&M               | -                 | -                  | -                  | -                   | -                                  | 9,037                            | 9,037                                         | 100%                                                              |                                                                 |
| 4407 Emp Proceedings                 | -                 | -                  | -                  | -                   | -                                  | 37,039                           | 37,039                                        | 100%                                                              |                                                                 |
| 4410 General Liability               | -                 | -                  | -                  | -                   | -                                  | 155,951                          | 155,951                                       | 100%                                                              |                                                                 |
| 4416 Other Ins Charges               | -                 | -                  | -                  | -                   | -                                  | 27,427                           | 27,427                                        | 100%                                                              |                                                                 |
| 4428 Prop/Fire Insurance             | -                 | -                  | -                  | -                   | -                                  | 13,755                           | 13,755                                        | 100%                                                              |                                                                 |
| 4431 Pub Officials Liab              | -                 | -                  | -                  | -                   | -                                  | 1,998                            | 1,998                                         | 100%                                                              |                                                                 |
| <b>Operating Expenses</b>            | -                 | -                  | -                  | -                   | -                                  | 552,569                          | 552,569                                       | 100%                                                              |                                                                 |
| <b>Division Total</b>                | -                 | -                  | -                  | -                   | -                                  | 3,826,978                        | 3,826,978                                     | 100%                                                              |                                                                 |

# Public Works Department Water and Sewer Fund





# Public Works - Water & Sewer Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                          | FY 2018<br>Actual  | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|--------------------------|--------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Water & Sewer Fund - 450 | \$ 109,198,987     | 110,317,117        | 110,751,033        | 109,878,109         | 108,891,887                      | 107,465,288                      | (2,851,829)                       | (2.6%)                |
| <b>Total Funding</b>     | <b>109,198,987</b> | <b>110,317,117</b> | <b>110,751,033</b> | <b>109,878,109</b>  | <b>108,891,887</b>               | <b>107,465,288</b>               | <b>(2,851,829)</b>                | <b>(2.6%)</b>         |

### Financial Summary - Program Expenditures

|                             | FY 2018<br>Actual  | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-----------------------------|--------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Administration              | 1,282,454          | 1,636,495          | 1,636,495          | 1,700,737           | 1,655,493                        | 3,958,013                        | 2,321,518                         | 141.9%                |
| Customer Service            | 3,020,653          | 3,227,873          | 3,227,873          | 3,205,708           | 3,239,824                        | 3,203,873                        | (24,000)                          | (0.7%)                |
| Utilities Engineering       | 6,623,464          | 7,182,077          | 7,590,993          | 7,401,192           | 7,389,844                        | 7,411,419                        | 229,342                           | 3.2%                  |
| Distribution And Collection | 28,761,576         | 27,486,981         | 27,486,981         | 27,942,033          | 25,978,530                       | 26,524,646                       | (962,335)                         | (3.5%)                |
| Treatment                   | 12,569,982         | 13,240,079         | 13,240,079         | 12,387,981          | 13,373,057                       | 13,246,243                       | 6,164                             | 0.0%                  |
| Environmental Resources     | 912,481            | 1,162,232          | 1,162,232          | 1,129,420           | 1,117,689                        | 1,114,939                        | (47,293)                          | (4.1%)                |
| Dept Support                | 56,028,377         | 56,381,380         | 56,406,380         | 56,111,038          | 56,137,450                       | 52,006,155                       | (4,375,225)                       | (7.8%)                |
| <b>Total Expenditures</b>   | <b>109,198,987</b> | <b>110,317,117</b> | <b>110,751,033</b> | <b>109,878,109</b>  | <b>108,891,887</b>               | <b>107,465,288</b>               | <b>(2,851,829)</b>                | <b>(2.6%)</b>         |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual     | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|-----------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | 29,562,589            | 31,272,245         | 31,257,245         | 31,160,174          | 32,147,723                       | 34,601,761                       | 3,329,516                         | 10.6%                 |
| Operating Expenses                  | 44,322,020            | 43,895,500         | 44,344,416         | 43,559,855          | 44,116,755                       | 39,403,013                       | (4,492,487)                       | (10.2%)               |
| Capital Outlay                      | 7,005,103             | 3,826,435          | 3,826,435          | 3,835,143           | 1,300,000                        | 2,133,105                        | (1,693,330)                       | (44.3%)               |
| Debt Services                       | 28,309,275            | 31,322,937         | 31,322,937         | 31,322,937          | 31,327,409                       | 31,327,409                       | 4,472                             | 0.0%                  |
| <b>Total Expenditures</b>           | <b>\$ 109,198,987</b> | <b>110,317,117</b> | <b>110,751,033</b> | <b>109,878,109</b>  | <b>108,891,887</b>               | <b>107,465,288</b>               | <b>(2,851,829)</b>                | <b>(2.6%)</b>         |
| <i>Full Time Equivalents (FTEs)</i> | <i>316.0</i>          | <i>324.8</i>       | <i>324.8</i>       | <i>324.8</i>        | <i>324.8</i>                     | <i>342.8</i>                     | <i>18.0</i>                       | <i>5.5%</i>           |

#### FY 2020 Major Variances

##### Personal Services

Increase in personal services due to the transfer for eighteen (18) positions from the General Fund \$ 1,883,358

##### Operating Expenses

Decrease in Return on Investment (ROI) paid to the General Fund (4,058,949)  
Decrease in electricity based on FY 2018 usage (101,115)  
Decrease in Fleet service charges for operations and maintenance (161,123)  
Increase in training expenses associated with new travel and training funding methodology 39,246  
Decrease in Public Works administrative service charge (270,366)

##### Capital Outlay

Decrease in vehicles scheduled to be replaced in FY 2020 (1,643,330)  
Decrease in other equipment due to one-time capital expenses (50,000)



# **FY 2020 Budget Modification Requests**







# FY 2020 BUDGET MODIFICATION SUMMARY

## Public Works Department - Fund 450

| Priority # | Request Type          | Title of Request                                                       | # of Pos     | Net Cost           | Page # |
|------------|-----------------------|------------------------------------------------------------------------|--------------|--------------------|--------|
| 1          | Capital Outlay<br>New | Heavy Equipment-Sewer Repairs                                          | 0.00         | 510,000            | 51     |
| 2          | Position - New        | Industrial Electrician                                                 | 1.00         | 71,223             | 52     |
| 3          | Position - New        | Environmental Laboratory Technicians                                   | 1.00         | 69,723             | 54     |
| 4          | Position - New        | Water Meter Repair/Maintenance Crew Expansion                          | 4.00         | 644,819            | 56     |
| 5          | Position - New        | Fiveash Administrative Assistant                                       | 1.00         | 67,104             | 59     |
| 6          | Position - New        | After Hours/Weekend First Responders                                   | 5.00         | 605,050            | 61     |
| 7          | Capital Outlay<br>New | Management Vehicles for After Hours, Water Leak Repair, and Meter Shop | 0.00         | 131,250            | 64     |
| 8          | Program -<br>Revised  | CITY WIDE EMERGENCY GENERATOR SERVICES                                 | 4.00         | 535,787            | 66     |
|            |                       |                                                                        | <b>16.00</b> | <b>\$2,634,956</b> |        |

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

**Priority No:** 1

**Title of Request:** Heavy Equipment-Sewer Repairs

**Request Type:** Capital Outlay ? New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

This request is for the purchase of a 3.0 cubic yard wheel loader (\$150,000) and 76,550 pound capacity hydraulic tracked excavator with trailer (\$350,000) for the wastewater repairs section. This equipment does not currently exist in the heavy equipment inventory. The purchase of this equipment would increase this sections capabilities, increase efficiency, reduce repair time, and cut down on rental costs. This equipment is needed due to the increased frequency of forcemain breaks and current aging infrastructure challenges. Without heavy equipment of this type, the City will continually need to depend on outside contractors for all major repairs. The estimated purchase costs were taken from the current Florida Sheriffs Association & Florida Association of Counties Contract (FSA17-VEH15.0). Cost estimate includes base price and options.

### Performance Measures:

| Measure Type  | Request Description | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|---------------------|----------------|----------------|----------------------------------|
| Workload      | n/a                 | n/a            |                | n/a                              |
| Efficiency    | n/a                 | n/a            |                | n/a                              |
| Effectiveness | n/a                 | n/a            |                | n/a                              |

### Strategic Connections:

**Cylinder:** Infrastructure

**Goal:** Be a sustainable and resilient community

**Objective:** Proactively maintain our water, wastewater, road and bridge infrastructure

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description          | Index Code | Sub Object | SubObject Title |
|-------------------------------------|-----------------------------|--------------------------|------------|------------|-----------------|
| <input checked="" type="checkbox"/> | 500,000                     | Vehicles                 | PBS660503  | 6416       | VEHICLES        |
| <input type="checkbox"/>            | 10,000                      |                          | PBS660503  | 3801       | GASOLINE        |
|                                     | <b>\$510,000</b>            | <b>Total Expenditure</b> |            |            |                 |

**Status:**

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

Priority No: 2

Title of Request: Industrial Electrician

Request Type: Position - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 1.00                       | 0.00                    | 0.00                 | 1.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

The Peele Dixie Water Treatment Plant must maintain its high level of excellence as well as support plant modernization/optimization, concurrently, with implementation of International Organization for Standardization (ISO) 9001 and Effective Utility Management (EUM) by the City. An Industrial Electrician will improve on this implementation by maintaining the plant's electrical infrastructures and be a key member of the plant maintenance team who reports directly to the Public Works Maintenance Supervisor. This position will help to effectively keep the plant equipment performing well. This will promote the City's new culture and vision. The Peele Dixie Water Treatment Plant is a 12 million gallons per day (MGD) water production facility, operating 365 days a year with no Industrial Electrician.

Currently, there is one (1) Industrial Electrician for both the Fiveash and Peele Dixie Water Treatment Plants located over eight (8) miles apart. This Community Builder's duties do not allow him to attend to all the priorities at both water treatment plants. There is also no coverage at both plants whenever the Industrial Electrician is out on vacation or sick time. Timely attention to electrical issues will not occur if the position is not filled. Excessive overtime would need to be utilized.

Due to the aging infrastructure at Fiveash and Peele Dixie, and the extensive ongoing and upcoming improvement projects at both plants, there is a need for an additional Industrial Electrician at Peele Dixie.

Source of Justification: Comprehensive Utility Strategic Plan (CUSP) which requires the water quality to be met via process control in accordance with various Florida Administrative Codes, for example, FAC 62-555, 62-550, etc. Furthermore the requested staff will help to improve the treatment process by assisting to improve the emergency response time to each plant.

### Performance Measures:

| Measure Type | Request Description                                                                                     | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|--------------|---------------------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload     | Daily workload cannot be completed in a more timely fashion                                             | 60%            |                | 99%                              |
| Efficiency   | Projects and emergencies responds cannot be meet on time manner                                         | 65%            |                | 99%                              |
| ClearPoint   | ISO 9001 and EUM require a higher quality assurance and cannot be readily achieved without this request | 75%            |                | 99%                              |

### Strategic Connections:

Cylinder: Internal Support

Goal: Be a leader government organization, managing resources wisely and sustainably

Objective: Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

Source of Justification: 2035 Vision Plan: Fast Forward Fort Lauderdale

### Position Requests:

| PosType      | JobCode | Job Description        | Budgeted Salary |
|--------------|---------|------------------------|-----------------|
| Add Position | TM060   | Industrial Electrician | \$69,723        |

### Expenditure Amounts:

| One Time<br>Expense                 | Expenditure<br>Amt. Requested: | Job Description           | Index<br>Code | Sub<br>Object | SubObject Title       |
|-------------------------------------|--------------------------------|---------------------------|---------------|---------------|-----------------------|
| <input type="checkbox"/>            | 800                            | <i>Data Proc Supplies</i> | PBS670305     | 3907          | DATA PROC SUPPLIES    |
| <input checked="" type="checkbox"/> | 700                            | <i>Office Equip</i>       | PBS670305     | 3925          | OFFICE EQUIP < \$5000 |
| <input type="checkbox"/>            | 49,080                         | Industrial Electrician    | PBS010101     | 1101          | PERMANENT SALARIES    |
| <input type="checkbox"/>            | 3,755                          | Industrial Electrician    | PBS010101     | 2301          | SOC SEC/MEDICARE      |
| <input type="checkbox"/>            | 4,417                          | Industrial Electrician    | PBS010101     | 2299          | PENSION - DEF CONT    |
| <input type="checkbox"/>            | 12,471                         | Industrial Electrician    | PBS010101     | 2404          | HEALTH INSURANCE      |
|                                     | <b>\$71,223</b>                | <b>Total Expenditure</b>  |               |               |                       |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

**Priority No:** 3

**Title of Request:** Environmental Laboratory Technician

**Request Type:** Position - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 1.00                       | 0.00                    | 0.00                 | 1.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

The Environmental Laboratory is certified by the National Environmental Laboratory Accreditation Certification (NELAC) by the state of Florida Department of Environmental Protection (FDEP) in the categories of organic, inorganic and microbiology chemistry for analyzing samples mandated in the Safe Drinking Water Act (SDWA) and Clean Water Act (CWA). The laboratory is also International Organization for Standardization (ISO) 17025 accredited. The laboratory must maintain its high level of excellence and also support the modernization and optimization of areas being pursued by ongoing efforts for ISO 17025 and Effective Utility Management (EUM) by the City. An (1) additional laboratory technician will improve on this. The laboratory operates 365 days a year with currently only seven (7) laboratory technicians. Tasks are being completed via overtime (\$43,934 in FY18 equivalent to 1,105 hours). The overtime budget is being exhausted and the extra workload is affecting employee morale as described below.

Due to the City's aging infrastructure, extensive ongoing and upcoming improvement projects (sampling at the 32 large water meters resulting in 3,702 hours), there is a need for this position. Furthermore, there has been a tremendous amount of extra sampling due to Sanitary Sewer Overflows (SSOs) and Distribution Sampling as a result of breaks or repairs needed in the distribution and collections system caused by aging infrastructure. These are happening on a continuing basis which has created a scheduling and overtime crisis in the laboratory. In 2018, 80 main breaks repairs occurred. These sampling events happen at all times of the day and night requiring immediate sampling and testing in order to lift boil water or no swim orders. Also, the number of customer complaints has been increasing annually. Last year, the laboratory recorded 441 customer complaints for water and it is on pace this year to exceed this number.

Timely response to these sampling events are needed to yield the proper analysis and report preparation which, in turn, is submitted to regulatory agencies resulting in lifting of water advisories for SSOs and lifting of boil water notices for main breaks and repairs. The ability of staff to respond after hours is limited and it is a challenge to have staff available to perform sampling and testing. Furthermore, this generates an enormous amount of overtime, comp time, and wear and tear of the laboratory staff. The additional staff will help alleviate the current staff by either working a swing-shift (i.e., 12pm-8pm) and/or extra staff can be scheduled to work on the weekends.

### Performance Measures:

| Measure Type  | Request Description                                                                                                                                                                                                      | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | Daily workload cannot be completed in a more timely fashion                                                                                                                                                              | 90%            |                | 99%                              |
| Efficiency    | Projects and paperwork cannot be managed more properly                                                                                                                                                                   | 90%            |                | 99%                              |
| Effectiveness | National Environmental Laboratory Accreditation Conference (NELAC) and International Organization for Standardization (ISO) 17025 require a higher quality assurance and cannot be readily achieved without this request | 90%            |                | 99%                              |

### Strategic Connections:

**Cylinder:** Internal Support

**Goal:** Be a leader government organization, managing resources wisely and sustainably

**Objective:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

Position Requests:

| PosType      | JobCode | Job Description                     | Budgeted Salary |
|--------------|---------|-------------------------------------|-----------------|
| Add Position | TM047   | Environmental Laboratory Technician | \$69,723        |

Expenditure Amounts:

| One Time Expense         | Expenditure Amt. Requested: | Job Description                     | Index Code | Sub Object | SubObject Title    |
|--------------------------|-----------------------------|-------------------------------------|------------|------------|--------------------|
| <input type="checkbox"/> | 49,080                      | Environmental Laboratory Technician | PBS670602  | 1101       | PERMANENT SALARIES |
| <input type="checkbox"/> | 3,755                       | Environmental Laboratory Technician | PBS670602  | 2301       | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 4,417                       | Environmental Laboratory Technician | PBS670602  | 2299       | PENSION - DEF CONT |
| <input type="checkbox"/> | 12,471                      | Environmental Laboratory Technician | PBS670602  | 2404       | HEALTH INSURANCE   |
|                          | <b>\$69,723</b>             | <b>Total Expenditure</b>            |            |            |                    |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

**Priority No:** 4

**Title of Request:** Water Meter Repair/Maintenance Crew Expansion

**Request Type:** Position - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 4.00                       | 0.00                    | 0.00                 | 4.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

The City of Fort Lauderdale provides wholesale potable water to our consecutive systems that include Oakland Park, Wilton Manors, Port Everglades, Tamarac, Broward County, and the Town of Davie. The City has over 62,000 water meter billing service connections. Of these, 32 are large billing water meters that serve the consecutive systems. In addition, the City has approximately 400 commercial accounts that are serviced through large compound water meters that range in size from 4 to 12 inches. Approximately 160 of these meters are contained in underground meter vaults that require routine maintenance. Many of these meters have exceeded their 10-year life and need replacing. The current staffing level and lack of an appropriate boom truck does not allow the City to complete the AWWA recommended maintenance tasks and replace the older large meters. Recent large meter replacements with a temporary boom truck have resulted in revenue increases over 300% as a result of replacing the old inaccurate compound meters. A Public Works Department Business Plan Core Process for Utilities is to operate and maintain a safe and efficient water system.

This request is for additional staff to expand the water meter maintenance capabilities to include the large compound commercial meters throughout the City. Although the number of large meters is relatively small, they account for the majority of the revenue collected by the City. This request includes four new positions: 1-Utilities Crew Leader, 1-Senior Utilities Serviceworker, and 2-Utilities Serviceworkers. In addition, the request includes the following two vehicles; a Ford F-450 Extended Cab Service Truck with a boom and lift gate to carry a crew of two, tools, equipment, and water meters; and a 10-ton capacity Boom Truck to lift the lids off meter vaults and to lower the large compound meter assemblies into place. Current staff are not properly equipped to perform these maintenance activities on a regular basis. The additional staff will perform monthly maintenance, testing, repair, and replacement of large compound water billing water meters and maintenance on the associated meter vaults throughout the City. The goal for this request is to provide the resources to maintain 100% of the large commercial meters annually to ensure the City is receiving accurate billing data to maximize revenue.

Approval of this funding request will provide the additional personnel and vehicles needed to allow the City to complete all required maintenance activities on large compound water meters, comply with Department of Health regulations, meet AWWA standards, and provide accurate billing to maximize revenue. The cost associated with this request will be recovered by the increase in revenue associated with accurate billing of the large meters. This request supports the City Values of Integrity, Accountability, and Excellence. Failure to approve will result in continued lost revenue and failure to meet AWWA best management practices.

### Performance Measures:

| Measure Type  | Request Description                              | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|--------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | Total number of compound meters maintained (432) | 10%            |                | 100%                             |
| Efficiency    | Number of meters maintained per day (1.7)        | 10%            |                | 100%                             |
| Effectiveness | Meter maintenance improves billing accuracy      | 10%            |                | 100%                             |

### Strategic Connections:

|                                 |                                                                            |
|---------------------------------|----------------------------------------------------------------------------|
| <b>Cylinder:</b>                | Infrastructure                                                             |
| <b>Goal:</b>                    | Be a sustainable and resilient community                                   |
| <b>Objective:</b>               | Proactively maintain our water, wastewater, road and bridge infrastructure |
| <b>Source of Justification:</b> | 2035 Vision Plan: Fast Forward Fort Lauderdale                             |

### Position Requests:



| PosType      | JobCode | Job Description                | Budgeted Salary |
|--------------|---------|--------------------------------|-----------------|
| Add Position | TM124   | Senior Utilities Serviceworker | \$64,054        |
| Add Position | TM130   | Utilities Crew Leader          | \$69,723        |
| Add Position | TM132   | Utilities Serviceworker        | \$58,941        |
| Add Position | TM132   | Utilities Serviceworker        | \$58,941        |

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description                | Index Code | Sub Object | SubObject Title      |
|-------------------------------------|-----------------------------|--------------------------------|------------|------------|----------------------|
| <input type="checkbox"/>            | 2,000                       | <i>Safety/Train Mat</i>        | PBS660404  | 3937       | SAFETY/TRAIN MAT     |
| <input type="checkbox"/>            | 1,000                       | <i>Safety Shoes</i>            | PBS660404  | 3940       | SAFETY SHOES         |
| <input type="checkbox"/>            | 10,000                      | <i>Tools/Equip</i>             | PBS660404  | 3946       | TOOLS/EQUIP < \$5000 |
| <input type="checkbox"/>            | 560                         | <i>Uniforms</i>                | PBS660404  | 3949       | UNIFORMS             |
| <input checked="" type="checkbox"/> | 2,700                       | <i>Computer Equipment</i>      | PBS660404  | 6404       | COMPUTER EQUIPMENT   |
| <input type="checkbox"/>            | 1,400                       | <i>Computer Software</i>       | PBS660404  | 6405       | COMPUTER SOFTWARE    |
| <input checked="" type="checkbox"/> | 368,000                     | <i>Vehicles</i>                | PBS660404  | 6416       | VEHICLES             |
| <input type="checkbox"/>            | 7,500                       | <i>Gasoline</i>                | PBS660404  | 3801       | GASOLINE             |
| <input type="checkbox"/>            | 49,080                      | Utilities Crew Leader          | PBS660404  | 1101       | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,755                       | Utilities Crew Leader          | PBS660404  | 2301       | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 4,417                       | Utilities Crew Leader          | PBS660404  | 2299       | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471                      | Utilities Crew Leader          | PBS660404  | 2404       | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 44,220                      | Senior Utilities Serviceworker | PBS660404  | 1101       | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,383                       | Senior Utilities Serviceworker | PBS660404  | 2301       | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 3,980                       | Senior Utilities Serviceworker | PBS660404  | 2299       | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471                      | Senior Utilities Serviceworker | PBS660404  | 2404       | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 39,837                      | Utilities Serviceworker        | PBS660404  | 1101       | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,048                       | Utilities Serviceworker        | PBS660404  | 2301       | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 3,585                       | Utilities Serviceworker        | PBS660404  | 2299       | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471                      | Utilities Serviceworker        | PBS660404  | 2404       | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 39,837                      | Utilities Serviceworker        | PBS660404  | 1101       | PERMANENT SALARIES   |

|                                 |        |                                 |           |      |                    |
|---------------------------------|--------|---------------------------------|-----------|------|--------------------|
| <input type="checkbox"/>        | 3,048  | Utilities Serviceworker         | PBS660404 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/>        | 3,585  | Utilities Serviceworker         | PBS660404 | 2299 | PENSION - DEF CONT |
| <input type="checkbox"/>        | 12,471 | Utilities Serviceworker         | PBS660404 | 2404 | HEALTH INSURANCE   |
| <div><div>\$644,819</div></div> |        | <i><b>Total Expenditure</b></i> |           |      |                    |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

Priority No: 5

Title of Request: Fiveash Administrative Assistant

Request Type: Position - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 1.00                       | 0.00                    | 0.00                 | 1.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

The Fiveash Water Treatment Plant must maintain its high level of excellence, as well as support plant modernization /optimization, concurrently, with implementation of International Organization for Standardization (ISO) 9001 and Effective Utility Management (EUM) by the City. The plant's genesis was circa 1955 which translates to an increased need of repair and replacement activities and their tracking. The water treatment plants have multiple needs and are now requesting an Administrative Assistant. An Administrative Assistant would assist with the overall administrative section of Fiveash and Peele Dixie Water Treatment Plants to include a Risk Management Plan, Permits with Broward County, Plant Access Control, as well as ISO 9001 and ISO 14001 future certifications. There is a substantial increase in tracking, monitoring and reporting within these elements. An Administrative Assistant on staff can be utilized to manage the increased administrative responsibilities allowing the Water Facilities Manager, Water Operations Supervisor and Public Works Maintenance Supervisor to focus on plant operations and maintenance. If this request is not funded, the attention to maintenance and operational needs may suffer. There will still continue to be projects and other endeavors requiring attention. If these responsibilities are not addressed in a timely manner (which is the concern here), the facility may suffer regarding less-than-full attention to maintenance and operation possibly creating a violation of permit condition(s).

### Performance Measures:

| Measure Type  | Request Description                                                                                     | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|---------------------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | Daily workload cannot be completed in a more timely fashion                                             | 85%            |                | 99%                              |
| Efficiency    | Paperwork cannot be managed more properly                                                               | 85%            |                | 99%                              |
| Effectiveness | ISO 9001 and EUM require a higher quality assurance and cannot be readily achieved without this request | 85%            |                | 99%                              |

### Strategic Connections:

**Cylinder:** Internal Support

**Goal:** Be a leader government organization, managing resources wisely and sustainably

**Objective:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Position Requests:

| PosType      | JobCode | Job Description          | Budgeted Salary |
|--------------|---------|--------------------------|-----------------|
| Add Position | TM005   | Administrative Assistant | \$64,054        |

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description    | Index Code | Sub Object | SubObject Title       |
|-------------------------------------|-----------------------------|--------------------|------------|------------|-----------------------|
| <input type="checkbox"/>            | 800                         | Data Proc Supplies | PBS670303  | 3907       | DATA PROC SUPPLIES    |
| <input checked="" type="checkbox"/> | 1,500                       | Office Equip       | PBS670303  | 3925       | OFFICE EQUIP < \$5000 |

|                          |                 |                          |           |      |                    |
|--------------------------|-----------------|--------------------------|-----------|------|--------------------|
| <input type="checkbox"/> | 44,220          | Administrative Assistant | PBS670303 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 3,383           | Administrative Assistant | PBS670303 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 3,980           | Administrative Assistant | PBS670303 | 2299 | PENSION - DEF CONT |
| <input type="checkbox"/> | 12,471          | Administrative Assistant | PBS670303 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 750             |                          | PBS670303 | 4119 | TRAINING & TRAVEL  |
|                          | <b>\$67,104</b> | <b>Total Expenditure</b> |           |      |                    |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

**Priority No:** 6

**Title of Request:** After Hours/Weekend First Responders

**Request Type:** Position - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 5.00                       | 0.00                    | 0.00                 | 5.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

The City's water and wastewater systems operate 24 hours per day every day. Customer Service received 898 calls on the afternoon shift (3:30 pm -11:00 pm) and 106 calls in the overnight hours concerning water and sewer issues over the last 6 months of 2018. This is significant compared to the 312 calls received during normal business hours. Current staffing of two afternoon crews and one (1) overnight crew does not provide adequate coverage and response to handle these calls seven (7) days a week. It is extremely difficult to respond to emergencies such as water main failures, sewer overflows, sewer stoppages, hit fire hydrants, low water pressure, and other neighbors' concerns in a timely and efficient manner. Staff on standby are often required to report to assist. This results in extended service interruptions, traffic congestion, overtime, poor neighbor relations, and resolution of issues postponed until adequate staff are available. A Public Works Department Business Plan Core Process for Utilities is to operate and maintain a safe and efficient water system.

This request is for additional staff and vehicles to expand our after-hours capabilities to respond to water and sewer complaints in a timely manner. This request includes five new positions: 1 - Utilities Crew Leader, 1-Senior Utilities Serviceworker, and 3 - Serviceworkers. These new positions will allow Public Works Utilities to investigate, respond, and address critical concerns and events occurring after normal business hours and weekends. In addition, the request includes three vehicles: a F-450 Extended Cab Service Truck with lift gate to carry a crew of two (2), tools and equipment such as pumps, jackhammers, and pipe saws; a Flatbed truck to haul pipe, parts, and road rock; and a Backhoe for excavating and cleanup following repairs.

To be a more effective utility, the City should be better prepared to respond to utility issues after hours. Approval of this request will provide additional staff to create two fully staffed maintenance crews that will be better able to respond to service requests in a timely manner and perform scheduled infrastructure maintenance in areas that are not easily accessible during the day. The goal of this request is to improve our response capabilities to neighbor concerns during the afternoon shift with a future goal to expand to the overnight hours. The increase in capabilities will reduce response time, reduce the number of sanitary sewer overflows caused by sewer stoppages, reduce overtime created by calling in additional staff to assist, and provide more complete coverage of the City.

This request supports the City Values of Integrity, Accountability, and Excellence. Failure to fund this request will result in delayed response times, excessive overtime generated by day crews having to respond to after-hours emergencies, and no reduction in sanitary sewer overflows caused by sewer stoppages.

### Performance Measures:

| Measure Type  | Request Description                                        | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | Total number of complaints responded to                    | 75%            |                | 95%                              |
| Efficiency    | Number of water leaks repaired and sewer stoppages cleared | 75%            |                | 95%                              |
| Effectiveness | Number of water leaks repaired and sewer stoppages cleared | 60%            |                | 90%                              |

### Strategic Connections:

**Cylinder:** Infrastructure

**Goal:** Be a sustainable and resilient community

**Objective:** Proactively maintain our water, wastewater, road and bridge infrastructure

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Position Requests:**

| <b>PosType</b> | <b>JobCode</b> | <b>Job Description</b>         | <b>Budgeted Salary</b> |
|----------------|----------------|--------------------------------|------------------------|
| Add Position   | TM124          | Senior Utilities Serviceworker | \$64,054               |
| Add Position   | TM130          | Utilities Crew Leader          | \$69,723               |
| Add Position   | TM132          | Utilities Serviceworker        | \$58,941               |
| Add Position   | TM132          | Utilities Serviceworker        | \$58,941               |
| Add Position   | TM132          | Utilities Serviceworker        | \$58,941               |

**Expenditure Amounts:**

| <b>One Time Expense</b>             | <b>Expenditure Amt. Requested:</b> | <b>Job Description</b>         | <b>Index Code</b> | <b>Sub Object</b> | <b>SubObject Title</b> |
|-------------------------------------|------------------------------------|--------------------------------|-------------------|-------------------|------------------------|
| <input type="checkbox"/>            | 2,000                              | <i>Safety/Train Mat</i>        | PBS660412         | 3937              | SAFETY/TRAIN MAT       |
| <input type="checkbox"/>            | 1,250                              | <i>Safety Shoes</i>            | PBS660412         | 3940              | SAFETY SHOES           |
| <input type="checkbox"/>            | 6,000                              | <i>Tools/Equip</i>             | PBS660412         | 3946              | TOOLS/EQUIP < \$5000   |
| <input checked="" type="checkbox"/> | 3,000                              | <i>Computer Equipment</i>      | PBS660412         | 6404              | COMPUTER EQUIPMENT     |
| <input checked="" type="checkbox"/> | 1,500                              | <i>Computer Software</i>       | PBS660412         | 6405              | COMPUTER SOFTWARE      |
| <input checked="" type="checkbox"/> | 280,000                            | <i>Vehicles</i>                | PBS660412         | 6416              | VEHICLES               |
| <input type="checkbox"/>            | 700                                | <i>Uniforms</i>                | PBS660412         | 3949              | UNIFORMS               |
| <input type="checkbox"/>            | 44,220                             | Senior Utilities Serviceworker | PBS660412         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/>            | 3,383                              | Senior Utilities Serviceworker | PBS660412         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/>            | 3,980                              | Senior Utilities Serviceworker | PBS660412         | 2299              | PENSION - DEF CONT     |
| <input type="checkbox"/>            | 12,471                             | Senior Utilities Serviceworker | PBS660412         | 2404              | HEALTH INSURANCE       |
| <input type="checkbox"/>            | 49,080                             | Utilities Crew Leader          | PBS660412         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/>            | 3,755                              | Utilities Crew Leader          | PBS660412         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/>            | 4,417                              | Utilities Crew Leader          | PBS660412         | 2299              | PENSION - DEF CONT     |
| <input type="checkbox"/>            | 12,471                             | Utilities Crew Leader          | PBS660412         | 2404              | HEALTH INSURANCE       |
| <input type="checkbox"/>            | 39,837                             | Utilities Serviceworker        | PBS660412         | 1101              | PERMANENT SALARIES     |
| <input type="checkbox"/>            | 3,048                              | Utilities Serviceworker        | PBS660412         | 2301              | SOC SEC/MEDICARE       |
| <input type="checkbox"/>            | 3,585                              | Utilities Serviceworker        | PBS660412         | 2299              | PENSION - DEF CONT     |
| <input type="checkbox"/>            | 12,471                             | Utilities Serviceworker        | PBS660412         | 2404              | HEALTH INSURANCE       |

|                          |        |                          |           |      |                    |
|--------------------------|--------|--------------------------|-----------|------|--------------------|
| <input type="checkbox"/> | 39,837 | Utilities Serviceworker  | PBS660412 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 3,048  | Utilities Serviceworker  | PBS660412 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 3,585  | Utilities Serviceworker  | PBS660412 | 2299 | PENSION - DEF CONT |
| <input type="checkbox"/> | 12,471 | Utilities Serviceworker  | PBS660412 | 2404 | HEALTH INSURANCE   |
| <input type="checkbox"/> | 39,837 | Utilities Serviceworker  | PBS660412 | 1101 | PERMANENT SALARIES |
| <input type="checkbox"/> | 3,048  | Utilities Serviceworker  | PBS660412 | 2301 | SOC SEC/MEDICARE   |
| <input type="checkbox"/> | 3,585  | Utilities Serviceworker  | PBS660412 | 2299 | PENSION - DEF CONT |
| <input type="checkbox"/> | 12,471 | Utilities Serviceworker  | PBS660412 | 2404 | HEALTH INSURANCE   |
| <b>\$605,050</b>         |        | <b>Total Expenditure</b> |           |      |                    |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

Priority No: 7

Title of Request: Management Vehicles for After Hours, Water Leak Repair, and Meter Shop

Request Type: Capital Outlay ? New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

This request is for the purchase of three (3) vehicles to be used by a Public Works Distribution and Collections Chiefs which oversee the after-hour / night shift. Meter Shop operations, and emergency leak repair/ Utilities Field Representatives. First line supervisors are tasked with going out into the field and inspecting field work of subordinates, conducting utility investigations, compound meter and hydrant meters inspections, flow testing, meter disconnects, meeting with neighbors and contractors and responding to utility related emergencies. The Chiefs are currently using a loaner vehicles from Fleet Services as approved by the City Manager until permanent vehicles are secured.

The vehicle requested for these chiefs is the F-250 Extended Cab Service Truck 4-wheel drive. In addition to the uses above, these vehicles will be used to move ancillary equipment to job sites and must be able to tow the emergency response trailer with a maximum weight limit of 10,000 pounds in addition to various heavy equipment i.e. tampers, rammers, transition sleeves, mega lugs, valves, hydrants, etc. when emergencies arise. The vehicle must be equipped to travel on rough terrain and other environments where standard vehicles are incapable of travelling. These vehicles will also serve as an alternate work vehicle when crew vehicles are inoperable and will be equipped with the necessary tools needed to perform their daily tasks i.e. repair leaks, water main breaks, sewer stoppages, and other utility related customer concerns.

The estimated costs of the vehicles were obtained from the current Florida Sheriffs Association & Florida Association of Counties Contract (FSA17-VEH15.0). Cost estimate includes base price and options. These Chief vehicles are a benefit to the City as they provide a branded face for neighbors and other agencies when on site and provides redundancy in operations in the event a Utilities service vehicle is out of service for routine maintenance or other unforeseen circumstance.

### Performance Measures:

| Measure Type | Request Description | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|--------------|---------------------|----------------|----------------|----------------------------------|
|--------------|---------------------|----------------|----------------|----------------------------------|

### Strategic Connections:

**Cylinder:** Infrastructure

**Goal:** Be a sustainable and resilient community

**Objective:** Proactively maintain our water, wastewater, road and bridge infrastructure

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description | Index Code | Sub Object | SubObject Title |
|-------------------------------------|-----------------------------|-----------------|------------|------------|-----------------|
| <input checked="" type="checkbox"/> | 40,000                      | Vehicles        | PBS660412  | 6416       | VEHICLES        |
| <input checked="" type="checkbox"/> | 40,000                      | Vehicles        | PBS660404  | 6416       | VEHICLES        |
| <input type="checkbox"/>            | 3,750                       | Gasoline        | PBS660412  | 3801       | GASOLINE        |



|                                     |                  |                          |      |          |
|-------------------------------------|------------------|--------------------------|------|----------|
| <input type="checkbox"/>            | 3,750            | PBS660404                | 3801 | GASOLINE |
|                                     | <i>Gasoline</i>  |                          |      |          |
| <input checked="" type="checkbox"/> | 40,000           | PBS660408                | 6416 | VEHICLES |
|                                     | <i>Vehicle</i>   |                          |      |          |
| <input type="checkbox"/>            | 3,750            | PBS660408                | 3801 | GASOLINE |
|                                     | <i>Gasoline</i>  |                          |      |          |
|                                     | <b>\$131,250</b> | <b>Total Expenditure</b> |      |          |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 450 Water and Sewer Operations

Priority No: 8

Title of Request: CITY WIDE EMERGENCY GENERATOR SERVICES

Request Type: Program - Revised

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 4.00                       | 0.00                    | 0.00                 | 4.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

This request is for one (1) Public Works Maintenance Chief, one (1) Diesel Technician, two (2) Small Engine Mechanics, and two (2) Service Trucks. Currently, this section is combined with another service group. If funded, it would become its own maintenance section in this division. This request is intended to be implemented as a full program as partial implementation will not produce the desired outcome.

Public Works Diesel Technicians provide basic maintenance services for the Fire Department, Police Department, Fort Lauderdale Executive Airport (FXE), Department of Sustainability, Parks and Recreation, Strategic Communications, Information Technology Services and Transportation and Mobility. These technicians also provide full service and maintenance and operations of the Public Works Emergency Generator Fleet and owned line equipment which includes portable pumps, lighting towers, high lifts, fork lifts, message boards, arrow boards, compressors, cement mixers, and any other department-owned equipment with a combustion engine gas or diesel. The current total number of assets maintained for Public Works is 72 and 42 in support of other departments.

This request is to expand staffing and budget to manage and provide the same full service maintenance to the other departments provided to the Public Works owned equipment. The individual departments are not equipped, nor have the trained staff, in this discipline to maintain their own equipment. This enhanced section would provide this service and facilitate repairs above regular maintenance with both internal staff and service contracts for larger jobs out of their scope. The individual departments would only be responsible for any additional costs above the basic maintenance fees they are currently paying on an as needed basis. By implementing this program, the question of maintenance responsibility will be eliminated and reliability of this equipment will be greatly increased.

### Performance Measures:

| Measure Type | Request Description | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|--------------|---------------------|----------------|----------------|----------------------------------|
|--------------|---------------------|----------------|----------------|----------------------------------|

### Strategic Connections:

**Cylinder:** Infrastructure

**Goal:** Be a sustainable and resilient community

**Objective:** Proactively maintain our water, wastewater, road and bridge infrastructure

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Position Requests:

| PosType      | JobCode | Job Description                     | Budgeted Salary |
|--------------|---------|-------------------------------------|-----------------|
| Add Position | FS022   | Public Works Maintenance Supervisor | \$83,036        |
| Add Position | TM030   | Diesel Technician                   | \$69,723        |
| Add Position | TM048   | Equipment Mechanic                  | \$64,054        |
| Add Position | TM048   | Equipment Mechanic                  | \$64,054        |

### Expenditure Amounts:

| One Time Expense | Expenditure Amt. Requested: | Job Description | Index Code | Sub Object | SubObject Title |
|------------------|-----------------------------|-----------------|------------|------------|-----------------|
|------------------|-----------------------------|-----------------|------------|------------|-----------------|

|                                     |        |                                     |           |      |                      |
|-------------------------------------|--------|-------------------------------------|-----------|------|----------------------|
| <input checked="" type="checkbox"/> | 70,000 |                                     | PBS660606 | 6416 | VEHICLES             |
|                                     |        | <i>Service Truck</i>                |           |      |                      |
| <input checked="" type="checkbox"/> | 70,000 |                                     | PBS660606 | 6416 | VEHICLES             |
|                                     |        | <i>Service Truck</i>                |           |      |                      |
| <input type="checkbox"/>            | 50,000 |                                     | PBS660606 | 3407 | EQUIP REP & MAINT    |
| <input type="checkbox"/>            | 50,000 |                                     | PBS660606 | 3404 | COMPONENTS/PARTS     |
| <input type="checkbox"/>            | 10,000 |                                     | PBS660606 | 3946 | TOOLS/EQUIP < \$5000 |
| <input type="checkbox"/>            | 1,920  |                                     | PBS660606 | 1413 | CELLPHONE ALLOWANCE  |
| <input type="checkbox"/>            | 3,000  |                                     | PBS660606 | 3801 | GASOLINE             |
| <input type="checkbox"/>            | 60,493 | Public Works Maintenance Supervisor | PBS660606 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 4,628  | Public Works Maintenance Supervisor | PBS660606 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 5,444  | Public Works Maintenance Supervisor | PBS660606 | 2299 | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471 | Public Works Maintenance Supervisor | PBS660606 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 49,080 | Diesel Technician                   | PBS660606 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,755  | Diesel Technician                   | PBS660606 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 4,417  | Diesel Technician                   | PBS660606 | 2299 | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471 | Diesel Technician                   | PBS660606 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 44,220 | Equipment Mechanic                  | PBS660606 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,383  | Equipment Mechanic                  | PBS660606 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 3,980  | Equipment Mechanic                  | PBS660606 | 2299 | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471 | Equipment Mechanic                  | PBS660606 | 2404 | HEALTH INSURANCE     |
| <input type="checkbox"/>            | 44,220 | Equipment Mechanic                  | PBS660606 | 1101 | PERMANENT SALARIES   |
| <input type="checkbox"/>            | 3,383  | Equipment Mechanic                  | PBS660606 | 2301 | SOC SEC/MEDICARE     |
| <input type="checkbox"/>            | 3,980  | Equipment Mechanic                  | PBS660606 | 2299 | PENSION - DEF CONT   |
| <input type="checkbox"/>            | 12,471 | Equipment Mechanic                  | PBS660606 | 2404 | HEALTH INSURANCE     |
| <b>\$535,787</b>                    |        | <b>Total Expenditure</b>            |           |      |                      |

Status:

# Descriptions & Line Items By Division





# Water and Sewer - Revenues

| Subobject                                 | FY 2018<br>Actual  | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Revenues                                                                                                            |
|-------------------------------------------|--------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| J276 Water Sales                          | 77,557,527         | 84,761,000         | 84,761,000         | 81,900,123          | 85,506,125                         | 59,435,403                       | (25,325,597)                                     | -43%                                                              | Recommended funding assumes a 5% increase over FY 2018 Actuals and realigns revenue between water and sewer by \$22 million. |
| J278 Water Service Installation Fees      | 1,253,979          | 1,000,000          | 1,000,000          | 1,175,891           | 1,000,000                          | 1,000,000                        | -                                                | 0%                                                                | Revenue received from water service installation fees.                                                                       |
| J280 Sewer Service Charges                | 54,438,858         | 56,784,000         | 56,784,000         | 57,160,801          | 60,018,842                         | 79,160,801                       | 22,376,801                                       | 28%                                                               | Recommended funding assumes a 5% increase over FY 2018 Actuals and realigns revenue between water and sewer by \$22 million. |
| J281 2011 10% Sewer Surcharge             | 744,967            | 715,000            | 715,000            | 841,306             | 730,000                            | 730,000                          | 15,000                                           | 2%                                                                |                                                                                                                              |
| J282 Contra Large User Fees - City        | (27,050,367)       | (29,454,374)       | (29,454,374)       | (29,454,374)        | (29,771,480)                       | (29,771,480)                     | (317,106)                                        | 1%                                                                | The City's contribution to the Central Regional Fund.                                                                        |
| J284 Write Off Recoveries                 | 177,801            | 150,000            | 150,000            | 148,034             | 160,000                            | 160,000                          | 10,000                                           | 6%                                                                |                                                                                                                              |
| J289 2011 Connection Fee                  | (177,842)          | -                  | -                  | 0                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                              |
| J292 Laboratory Services                  | 30,737             | 27,000             | 27,000             | 40,179              | 28,000                             | 28,000                           | 1,000                                            | 4%                                                                |                                                                                                                              |
| J298 Revenue From Paid Water Liens        | (292)              | -                  | -                  | 1,188               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                              |
| J300 Service Charge                       | 680,734            | 550,000            | 550,000            | 694,827             | 617,000                            | 617,000                          | 67,000                                           | 11%                                                               | Water connectionand disconnection fees.                                                                                      |
| J302 Dishonored Check Fees                | 66,582             | 30,000             | 30,000             | 99,663              | 44,000                             | 44,000                           | 14,000                                           | 32%                                                               |                                                                                                                              |
| N103 Earn-Pooled Investments              | 196,264            | 258,537            | 258,537            | 258,534             | 258,537                            | 272,345                          | 13,808                                           | 5%                                                                |                                                                                                                              |
| N129 Other Income (Penalty Charges)       | 216,714            | 200,000            | 200,000            | 257,492             | 200,000                            | 200,000                          | -                                                | 0%                                                                |                                                                                                                              |
| N130 Interest-Connection Fee              | 1,803              | 2,000              | 2,000              | 278                 | 1,800                              | 1,800                            | (200)                                            | -11%                                                              | 6% Interest fee for sewer connection during WaterWorks 2011. Most have paid the connection fee off.                          |
| N133 Interest On Paid Liens               | 22,540             | 20,000             | 20,000             | 23,271              | 20,000                             | 20,000                           | -                                                | 0%                                                                |                                                                                                                              |
| N181 Penalties From Other Municipalities  | 0                  | -                  | 0                  | 125                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                              |
| N365 Coral Ridge Country Club             | 7,749              | 7,500              | 7,500              | 7,500               | 7,500                              | 7,500                            | -                                                | 0%                                                                | Pump stations.                                                                                                               |
| N404 Vehicle Sale Proceeds                | 128,885            | -                  | 0                  | 178,100             | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                              |
| N553 Treasury/Utilities-Interfund Svc Chg | 0                  | -                  | 0                  | 660,119             | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                              |
| N572 P/W/Other-Interfund Svc Chg          | 1,000,783          | 856,244            | 856,244            | 1,030,897           | 1,019,674                          | 1,835,933                        | 979,689                                          | 53%                                                               | Revenue received based on services performed for other funds such as administration and call center activities.              |
| N900 Miscellaneous Income                 | 115,647            | 60,000             | 60,000             | 110,658             | 60,000                             | 70,000                           | 10,000                                           | 14%                                                               |                                                                                                                              |
| N945 Repairs-Outside Contractors          | 25,607             | 5,000              | 5,000              | 9,025               | 5,000                              | 13,000                           | 8,000                                            | 62%                                                               |                                                                                                                              |
| N552 Engineering-Interfund Svc Chg        | 2,056,489          | 2,000,000          | 2,000,000          | 2,000,000           | 2,000,000                          | 2,000,000                        | -                                                | 0%                                                                | Project management fees for charged to capital projects.                                                                     |
| J299 Backflow Inspection Fee              | 216,225            | 220,950            | 220,950            | 221,100             | 241,380                            | 237,850                          | 16,900                                           | 7%                                                                |                                                                                                                              |
| <b>Fund Total</b>                         | <b>111,711,390</b> | <b>118,192,857</b> | <b>118,192,857</b> | <b>117,364,737</b>  | <b>122,146,378</b>                 | <b>116,062,152</b>               | <b>(2,130,705)</b>                               |                                                                   |                                                                                                                              |

# Administration - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | 685,291           | 874,097            | 874,097            | 912,499             | 913,763                            | 927,821                          | 53,724                                           | 6%                                                                |                                                                                                                                                                                                 |
| 1110 Sick Conv to Cash               | 2,008             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1113 Vac Mgmt Conv                   | 3,086             | -                  | -                  | 1,281               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1116 Comp Absences                   | 91,624            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1119 Payroll Accrual                 | 879               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1199 Other Reg Salaries              | -                 | 4,074              | 4,074              | 4,074               | 2,352                              | 2,352                            | (1,722)                                          | (42%)                                                             |                                                                                                                                                                                                 |
| 1201 Longevity Pay                   | 6,691             | 6,929              | 6,929              | 8,187               | 7,786                              | 7,786                            | 857                                              | 12%                                                               |                                                                                                                                                                                                 |
| 1204 Longevity Accr                  | (19,362)          | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1401 Car Allowances                  | 8,760             | 8,760              | 8,760              | 16,640              | 17,760                             | 17,760                           | 9,000                                            | 103%                                                              |                                                                                                                                                                                                 |
| 1407 Expense Allowances              | 4,440             | 7,200              | 7,200              | 3,840               | 3,360                              | 3,360                            | (3,840)                                          | (53%)                                                             |                                                                                                                                                                                                 |
| 1413 Cellphone Allowance             | 4,200             | 4,080              | 4,080              | 5,852               | 3,720                              | 3,720                            | (360)                                            | (9%)                                                              |                                                                                                                                                                                                 |
| 1501 Overtime 1.5X Pay               | 4,813             | 2,184              | 2,184              | 300                 | 3,684                              | 2,293                            | 109                                              | 5%                                                                |                                                                                                                                                                                                 |
| 1504 Overtime 1X Pay                 | 1,719             | -                  | -                  | 1,056               | 750                                | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1707 Sick Termination Pay            | 2,426             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1710 Vacation Term Pay               | 9,193             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 1801 Core Adjustments                | -                 | -                  | -                  | -                   | -                                  | 1,911,972                        | 1,911,972                                        | 0%                                                                | Transfer 15 General Fund Administration Division staff to Water and Sewer Administration, 2 project managers and a chief engineer. Funding for two months of overlap due to planned retirement. |
| 2104 Mileage Reimburse               | 57                | 250                | 250                | 250                 | 250                                | 250                              | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 2119 Wellness Incentives             | 2,000             | -                  | -                  | -                   | -                                  | 7,000                            | 7,000                                            | 0%                                                                |                                                                                                                                                                                                 |
| 2204 Pension - General Emp           | 67,790            | 76,245             | 76,245             | 76,245              | 64,565                             | 147,809                          | 71,564                                           | 94%                                                               |                                                                                                                                                                                                 |
| 2299 Pension - Def Cont              | 29,226            | 43,028             | 43,028             | 48,974              | 50,667                             | 51,448                           | 8,420                                            | 20%                                                               |                                                                                                                                                                                                 |
| 2301 Soc Sec/Medicare                | 51,982            | 66,474             | 66,474             | 57,636              | 70,678                             | 71,754                           | 5,280                                            | 8%                                                                |                                                                                                                                                                                                 |
| 2307 Year End FICA Accr              | 5,497             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 598                              | 598                                              | 0%                                                                |                                                                                                                                                                                                 |
| 2404 Health Insurance                | 79,079            | 100,790            | 100,790            | 100,790             | 107,774                            | 82,832                           | (17,958)                                         | (18%)                                                             |                                                                                                                                                                                                 |
| 2410 Workers' Comp                   | -                 | -                  | -                  | -                   | -                                  | 18,473                           | 18,473                                           | 0%                                                                |                                                                                                                                                                                                 |
| 9237 Transfer To Special Obligations | -                 | -                  | -                  | -                   | -                                  | 81,072                           | 81,072                                           | 0%                                                                |                                                                                                                                                                                                 |
| <b>Personal Services</b>             | <b>1,041,399</b>  | <b>1,194,111</b>   | <b>1,194,111</b>   | <b>1,237,624</b>    | <b>1,247,109</b>                   | <b>3,338,300</b>                 | <b>2,144,189</b>                                 | <b>180%</b>                                                       |                                                                                                                                                                                                 |
| 3119 Legal Services                  | 10,101            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3122 Lobbying Services               | 13,333            | -                  | -                  | 18,336              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3199 Other Prof Serv                 | 30,540            | 25,413             | 25,413             | 25,414              | 25,413                             | 26,000                           | 587                                              | 2%                                                                | Funding for financial forecasting services and Public Works week.                                                                                                                               |
| 3201 Ad/Marketing                    | 6,781             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                | Recruitment ads in professional journals and engineering publications.                                                                                                                          |
| 3210 Clerical Services               | -                 | -                  | -                  | -                   | -                                  | 3,000                            | 3,000                                            | 0%                                                                |                                                                                                                                                                                                 |
| 3216 Costs/Fees/Permits              | 7,732             | 1,000              | 1,000              | 1,000               | 1,000                              | 2,822                            | 1,822                                            | 182%                                                              | Funding for environmental and business permits.                                                                                                                                                 |
| 3222 Custodial Services              | -                 | -                  | -                  | 3,249               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3231 Food Services                   | 489               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3237 Lawn & Tree Service             | 1,038             | -                  | -                  | 3,438               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3249 Security Services               | 123,589           | 126,000            | 126,000            | 123,604             | 124,000                            | 124,000                          | (2,000)                                          | (2%)                                                              | Funding for security services at the water treatment plants.                                                                                                                                    |
| 3299 Other Services                  | 9,898             | 24,000             | 24,000             | 24,000              | 24,000                             | 17,000                           | (7,000)                                          | (29%)                                                             | Pest control services, fire alarm inspections, fire alarm monitoring, carpet and window cleaning.                                                                                               |
| 3304 Office Equip Rent               | 1,439             | 1,417              | 1,417              | 1,417               | 1,417                              | 1,417                            | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3310 Other Equip Rent                | -                 | -                  | -                  | -                   | -                                  | 2,000                            | 2,000                                            | 0%                                                                |                                                                                                                                                                                                 |
| 3401 Computer Maint                  | 23,947            | 30,000             | 30,000             | 30,000              | 30,000                             | 30,000                           | -                                                | 0%                                                                | Funding to maintain the water and sewer system work management and customer interaction computer programs.                                                                                      |
| 3404 Components/Parts                | 2,711             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3407 Equip Rep & Maint               | 3,323             | 2,000              | 2,000              | 2,000               | 2,000                              | 6,000                            | 4,000                                            | 200%                                                              | Funding to repair equipment by outside contractors.                                                                                                                                             |
| 3425 Bldg Rep Materials              | 28                | 4,000              | 4,000              | 4,000               | 4,000                              | 4,000                            | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3428 Bldg Rep & Maint                | 9,604             | 30,000             | 30,000             | 30,000              | 30,000                             | 30,000                           | -                                                | 0%                                                                | Funding for building maintenance completed by outside contractors.                                                                                                                              |
| 3434 Imp Rep Materials               | 389               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3628 Telephone/Cable TV              | 3,174             | 3,500              | 3,500              | 3,501               | 3,500                              | 4,100                            | 600                                              | 17%                                                               |                                                                                                                                                                                                 |
| 3634 Water/Sew/Storm                 | -                 | -                  | -                  | -                   | -                                  | 30,354                           | 30,354                                           | 0%                                                                |                                                                                                                                                                                                 |
| 3801 Gasoline                        | -                 | 2,000              | 2,000              | -                   | 2,000                              | -                                | (2,000)                                          | (100%)                                                            |                                                                                                                                                                                                 |
| 3804 Diesel Fuel                     | 5,603             | -                  | -                  | -                   | -                                  | 6,509                            | 6,509                                            | 0%                                                                |                                                                                                                                                                                                 |
| 3904 Books & Manuals                 | 733               | -                  | -                  | 99                  | -                                  | 83                               | 83                                               | 0%                                                                |                                                                                                                                                                                                 |
| 3907 Data Proc Supplies              | -                 | 4,000              | 4,000              | 4,000               | 4,000                              | 5,500                            | 1,500                                            | 38%                                                               | Funding for various software needs within the Directors office.                                                                                                                                 |
| 3916 Janitorial Supplies             | 4,663             | 3,500              | 3,500              | 3,500               | 3,500                              | 3,500                            | -                                                | 0%                                                                |                                                                                                                                                                                                 |
| 3925 Office Equip < \$5000           | 500               | 5,500              | 5,500              | 5,500               | 5,500                              | 6,400                            | 900                                              | 16%                                                               |                                                                                                                                                                                                 |
| 3928 Office Supplies                 | 7,447             | 7,000              | 7,000              | 7,000               | 7,000                              | 23,500                           | 16,500                                           | 236%                                                              | General office supplies needed by the division                                                                                                                                                  |
| 3931 Periodicals & Mag               | 314               | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                |                                                                                                                                                                                                 |

# Administration - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|------------------|
| 3937 Safety/Train Mat     | -                 | 2,000              | 2,000              | 2,000               | 2,000                              | 2,000                            | -                                                | 0%                                                                |                  |
| 3946 Tools/Equip < \$5000 | -                 | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                                | 0%                                                                |                  |
| 3949 Uniforms             | 80                | 40                 | 40                 | 40                  | 40                                 | 528                              | 488                                              | 1220%                                                             |                  |
| 3999 Other Supplies       | 1,585             | 2,000              | 2,000              | 2,000               | 2,000                              | 2,000                            | -                                                | 0%                                                                |                  |
| 4101 Certification Train  | 2,652             | 9,000              | 9,000              | 9,000               | 9,000                              | -                                | (9,000)                                          | (100%)                                                            |                  |
| 4104 Conferences          | 12,821            | 16,250             | 16,250             | 16,251              | 16,250                             | -                                | (16,250)                                         | (100%)                                                            |                  |
| 4113 Memberships/Dues     | 99,398            | 72,250             | 72,250             | 72,250              | 72,250                             | -                                | (72,250)                                         | (100%)                                                            |                  |
| 4116 Schools              | 5,325             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| 4119 Training and Travel  | -                 | -                  | -                  | -                   | -                                  | 19,000                           | 19,000                                           | 0%                                                                |                  |
| 4213 Retiree Health Bene  | 8,460             | 18,014             | 18,014             | 18,014              | 18,014                             | 4,800                            | (13,214)                                         | (73%)                                                             |                  |
| 4299 Other Contributions  | 567               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| 4337 Servchg-Fire         | 156               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| 4343 Servchg-Info Sys     | -                 | -                  | -                  | -                   | -                                  | 104,147                          | 104,147                                          | 0%                                                                |                  |
| 4346 Servchg-Pking Sys    | 42                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| 4349 Servchg-Parks & Rec  | -                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| 4355 Servchg-Print Shop   | 442               | 10,000             | 10,000             | 10,000              | 10,000                             | 9,600                            | (400)                                            | (4%)                                                              |                  |
| 4407 Emp Proceedings      | -                 | -                  | -                  | -                   | -                                  | 21,949                           | 21,949                                           | 0%                                                                |                  |
| 4410 General Liability    | -                 | -                  | -                  | -                   | -                                  | 92,416                           | 92,416                                           | 0%                                                                |                  |
| 4416 Other Ins Charges    | -                 | -                  | -                  | -                   | -                                  | 16,253                           | 16,253                                           | 0%                                                                |                  |
| 4428 Prop/Fire Insurance  | -                 | -                  | -                  | -                   | -                                  | 8,151                            | 8,151                                            | 0%                                                                |                  |
| 4431 Pub Officials Liab   | -                 | -                  | -                  | -                   | -                                  | 1,184                            | 1,184                                            | 0%                                                                |                  |
| 5604 Writeoff A/R & Other | (165,325)         | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| <b>Operating Expenses</b> | <b>233,579</b>    | <b>410,384</b>     | <b>410,384</b>     | <b>431,113</b>      | <b>408,384</b>                     | <b>619,713</b>                   | <b>209,329</b>                                   | <b>51%</b>                                                        |                  |
| 6405 Computer Software    | 7,476             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                  |
| 6416 Vehicles             | -                 | 32,000             | 32,000             | 32,000              | -                                  | -                                | (32,000)                                         | (100%)                                                            |                  |
| <b>Capital Outlay</b>     | <b>7,476</b>      | <b>32,000</b>      | <b>32,000</b>      | <b>32,000</b>       | <b>-</b>                           | <b>-</b>                         | <b>(32,000)</b>                                  | <b>(100%)</b>                                                     |                  |
| <b>Division Total</b>     | <b>1,282,454</b>  | <b>1,636,495</b>   | <b>1,636,495</b>   | <b>1,700,737</b>    | <b>1,655,493</b>                   | <b>3,958,013</b>                 | <b>2,321,518</b>                                 | <b>142%</b>                                                       |                  |



# Customer Service - Expenditures

| Subsubject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                          |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1101 Permanent Salaries    | 1,463,398         | 1,637,094          | 1,637,094          | 1,584,678           | 1,676,259                          | 1,702,047                        | 64,953                                        | 4%                                                                |                                                                           |
| 1107 Part Time Salaries    | 71,100            | 75,998             | 75,998             | 86,362              | 93,322                             | 79,797                           | 3,799                                         | 5%                                                                |                                                                           |
| 1110 Sick Conv to Cash     | 2,446             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 1113 Vac Mgmt Conv         | 4,328             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 1119 Payroll Accrual       | 630               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 1199 Other Reg Salaries    | -                 | 21,639             | 21,639             | 21,639              | 6,851                              | 6,851                            | (14,788)                                      | (68%)                                                             |                                                                           |
| 1201 Longevity Pay         | 24,919            | 25,376             | 25,376             | 21,962              | 18,749                             | 18,749                           | (6,627)                                       | (26%)                                                             |                                                                           |
| 1310 Shift Differential    | 2,520             | 2,482              | 2,482              | 2,485               | 2,470                              | 2,470                            | (12)                                          | (0%)                                                              |                                                                           |
| 1401 Car Allowances        | 3,000             | 3,000              | 3,000              | 11,780              | 10,080                             | 10,080                           | 7,080                                         | 236%                                                              |                                                                           |
| 1407 Expense Allowances    | 6,560             | 7,680              | 7,680              | 5,040               | 6,240                              | 6,240                            | (1,440)                                       | (19%)                                                             |                                                                           |
| 1413 Cellphone Allowance   | 6,160             | 6,720              | 6,720              | 7,012               | 6,240                              | 6,240                            | (480)                                         | (7%)                                                              |                                                                           |
| 1501 Overtime 1.5X Pay     | 66,463            | 49,140             | 49,140             | 72,554              | 47,134                             | 51,596                           | 2,456                                         | 5%                                                                |                                                                           |
| 1504 Overtime 1X Pay       | 854               | 546                | 546                | 182                 | 546                                | 574                              | 28                                            | 5%                                                                |                                                                           |
| 1701 Retirement Gifts      | -                 | -                  | -                  | 250                 | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 1707 Sick Termination Pay  | 101               | -                  | -                  | 3,916               | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 1710 Vacation Term Pay     | 899               | -                  | -                  | 1,310               | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 2104 Mileage Reimburse     | 129               | 350                | 350                | 350                 | 350                                | 350                              | -                                             | 0%                                                                |                                                                           |
| 2119 Wellness Incentives   | 3,000             | -                  | -                  | -                   | -                                  | 5,000                            | 5,000                                         | 0%                                                                |                                                                           |
| 2204 Pension - General Emp | 184,744           | 181,339            | 181,339            | 181,339             | 102,398                            | 102,399                          | (78,940)                                      | (44%)                                                             |                                                                           |
| 2299 Pension - Def Cont    | 49,215            | 63,394             | 63,394             | 68,589              | 79,190                             | 80,411                           | 17,017                                        | 27%                                                               |                                                                           |
| 2301 Soc Sec/Medicare      | 117,190           | 131,878            | 131,878            | 136,749             | 130,381                            | 132,353                          | 475                                           | 0%                                                                |                                                                           |
| 2307 Year End FICA Accr    | (479)             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 2402 Life Insurance        | -                 | -                  | -                  | -                   | -                                  | 1,096                            | 1,096                                         | 0%                                                                |                                                                           |
| 2404 Health Insurance      | 240,976           | 293,943            | 293,943            | 293,943             | 313,701                            | 313,701                          | 19,758                                        | 7%                                                                |                                                                           |
| <b>Personal Services</b>   | <b>2,248,153</b>  | <b>2,500,579</b>   | <b>2,500,579</b>   | <b>2,500,140</b>    | <b>2,493,911</b>                   | <b>2,519,954</b>                 | <b>19,375</b>                                 | <b>1%</b>                                                         |                                                                           |
| 3216 Costs/Fees/Permits    | 165               | 200                | 200                | 200                 | 75                                 | 200                              | -                                             | 0%                                                                | Funding for notary and environmental permits.                             |
| 3222 Custodial Services    | -                 | -                  | -                  | 634                 | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 3231 Food Services         | 355               | 500                | 500                | 500                 | 500                                | 500                              | -                                             | 0%                                                                |                                                                           |
| 3237 Lawn & Tree Service   | -                 | -                  | -                  | 5,000               | 3,000                              | 3,000                            | 3,000                                         | 0%                                                                | Funding to maintain the utilities pipeyard using contracted services.     |
| 3299 Other Services        | 515,280           | 553,456            | 553,456            | 574,030             | 569,200                            | 569,120                          | 15,664                                        | 3%                                                                | Funding for utility metering services, fire alarm inspections, etc.       |
| 3319 Office Space Rent     | -                 | 30,645             | 30,645             | -                   | 30,645                             | -                                | (30,645)                                      | (100%)                                                            |                                                                           |
| 3401 Computer Maint        | 8,399             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 3407 Equip Rep & Maint     | -                 | 4,500              | 4,500              | 4,500               | 4,500                              | -                                | (4,500)                                       | (100%)                                                            |                                                                           |
| 3428 Bldg Rep & Maint      | 129               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 3613 Special Delivery      | 315               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 3616 Postage               | 3,314             | 4,500              | 4,500              | 4,500               | 4,500                              | 4,500                            | -                                             | 0%                                                                |                                                                           |
| 3628 Telephone/Cable TV    | 4,761             | 4,700              | 4,700              | 4,700               | 4,700                              | 4,900                            | 200                                           | 4%                                                                |                                                                           |
| 3801 Gasoline              | 12,004            | 16,982             | 16,982             | 1,820               | 16,982                             | 13,224                           | (3,758)                                       | (22%)                                                             |                                                                           |
| 3804 Diesel Fuel           | 1,142             | 3,727              | 3,727              | 200                 | 3,727                              | 1,331                            | (2,396)                                       | (64%)                                                             |                                                                           |
| 3907 Data Proc Supplies    | 917               | 2,000              | 2,000              | 2,000               | 2,000                              | 2,000                            | -                                             | 0%                                                                |                                                                           |
| 3916 Janitorial Supplies   | 790               | 910                | 910                | 910                 | 910                                | 910                              | -                                             | 0%                                                                |                                                                           |
| 3925 Office Equip < \$5000 | 4,592             | 10,725             | 10,725             | 10,725              | 10,725                             | 6,800                            | (3,925)                                       | (37%)                                                             |                                                                           |
| 3926 Furniture <\$5000     | -                 | 3,000              | 3,000              | 3,000               | 3,000                              | -                                | (3,000)                                       | (100%)                                                            |                                                                           |
| 3928 Office Supplies       | 18,271            | 12,600             | 12,600             | 12,600              | 12,600                             | 12,600                           | -                                             | 0%                                                                | Funding for general office supplies.                                      |
| 3940 Safety Shoes          | 1,033             | 1,300              | 1,300              | 1,300               | 1,300                              | 1,300                            | -                                             | 0%                                                                |                                                                           |
| 3946 Tools/Equip < \$5000  | 12,617            | 10,000             | 10,000             | 10,000              | 10,000                             | 10,000                           | -                                             | 0%                                                                | Funding for tools and equipment used be the field service operation team. |
| 3949 Uniforms              | 3,107             | 1,800              | 1,800              | 3,700               | 1,800                              | 1,800                            | -                                             | 0%                                                                |                                                                           |
| 3999 Other Supplies        | 93                | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                           |
| 4101 Certification Train   | 609               | 1,000              | 1,000              | 1,000               | 1,000                              | -                                | (1,000)                                       | (100%)                                                            |                                                                           |
| 4104 Conferences           | 625               | 4,750              | 4,750              | 4,750               | 4,750                              | -                                | (4,750)                                       | (100%)                                                            |                                                                           |
| 4113 Memberships/Dues      | -                 | 500                | 500                | 500                 | 500                                | -                                | (500)                                         | (100%)                                                            |                                                                           |
| 4116 Schools               | -                 | 7,000              | 7,000              | 7,000               | 7,000                              | -                                | (7,000)                                       | (100%)                                                            |                                                                           |
| 4119 Travel and Training   | -                 | -                  | -                  | -                   | -                                  | 16,000                           | 16,000                                        | 0%                                                                |                                                                           |
| 4213 Retiree Health Bene   | 14,400            | 19,600             | 19,600             | 19,600              | 19,600                             | 14,400                           | (5,200)                                       | (27%)                                                             |                                                                           |
| 4308 Overhead-Fleet        | 8,556             | 8,241              | 8,241              | 8,241               | 8,241                              | 8,241                            | -                                             | 0%                                                                |                                                                           |
| 4337 Servchg-Fire          | 148               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| 4355 Servchg-Print Shop    | 1,901             | 3,500              | 3,500              | 3,500               | 3,500                              | 3,500                            | -                                             | 0%                                                                |                                                                           |
| 4373 Servchg-Fleet O&M     | 31,500            | 19,658             | 19,658             | 19,658              | 19,658                             | 8,093                            | (11,565)                                      | (59%)                                                             |                                                                           |
| 4374 Servchg-Non Fleet     | 22                | 500                | 500                | -                   | 500                                | 500                              | -                                             | 0%                                                                |                                                                           |
| <b>Operating Expenses</b>  | <b>645,045</b>    | <b>727,294</b>     | <b>727,294</b>     | <b>705,568</b>      | <b>745,913</b>                     | <b>683,919</b>                   | <b>(43,375)</b>                               | <b>(6%)</b>                                                       |                                                                           |
| 6416 Vehicles              | 127,455           | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                           |
| <b>Capital Outlay</b>      | <b>127,455</b>    | <b>-</b>           | <b>-</b>           | <b>-</b>            | <b>-</b>                           | <b>-</b>                         | <b>-</b>                                      | <b>0%</b>                                                         |                                                                           |
| <b>Division Total</b>      | <b>3,020,653</b>  | <b>3,227,873</b>   | <b>3,227,873</b>   | <b>3,205,708</b>    | <b>3,239,824</b>                   | <b>3,203,873</b>                 | <b>(24,000)</b>                               | <b>-1%</b>                                                        |                                                                           |

# Utilities Engineering - Expenditures

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                              |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries    | 2,187,077         | 2,734,396          | 2,734,396          | 2,545,011           | 2,923,048                          | 2,968,022                        | 233,626                                       | 9%                                                                |                                                                                                                               |
| 1107 Part Time Salaries    | 2,150             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 1110 Sick Conv to Cash     | 5,331             | -                  | -                  | 853                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 1113 Vac Mgmt Conv         | 5,999             | -                  | -                  | 962                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 1119 Payroll Accrual       | 4,374             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 1199 Other Reg Salaries    | -                 | 24,821             | 24,821             | 24,821              | -                                  | -                                | (24,821)                                      | (100%)                                                            |                                                                                                                               |
| 1201 Longevity Pay         | 39,599            | 28,027             | 28,027             | 28,154              | 25,931                             | 25,931                           | (2,096)                                       | (7%)                                                              |                                                                                                                               |
| 1304 Assignment Pay        | 10,068            | 10,338             | 10,338             | 10,289              | -                                  | -                                | (10,338)                                      | (100%)                                                            |                                                                                                                               |
| 1316 Upgrade Pay           | -                 | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 1401 Car Allowances        | 11,000            | 12,000             | 12,000             | 48,480              | 59,400                             | 59,400                           | 47,400                                        | 395%                                                              |                                                                                                                               |
| 1407 Expense Allowances    | 16,440            | 22,560             | 22,560             | 6,920               | 5,760                              | 5,760                            | (16,800)                                      | (74%)                                                             |                                                                                                                               |
| 1413 Cellphone Allowance   | 13,090            | 12,840             | 12,840             | 15,132              | 13,920                             | 13,920                           | 1,080                                         | 8%                                                                |                                                                                                                               |
| 1501 Overtime 1.5X Pay     | 91,595            | 60,060             | 60,060             | 63,800              | 60,060                             | 63,063                           | 3,003                                         | 5%                                                                |                                                                                                                               |
| 1504 Overtime 1X Pay       | 513               | -                  | -                  | 620                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 1707 Sick Termination Pay  | 5,069             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 1710 Vacation Term Pay     | 7,259             | -                  | -                  | 633                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 2104 Mileage Reimburse     | -                 | -                  | -                  | 31                  | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 2119 Wellness Incentives   | 2,500             | -                  | -                  | 500                 | -                                  | 4,500                            | 4,500                                         | 0%                                                                |                                                                                                                               |
| 2204 Pension - General Emp | 281,192           | 235,841            | 235,841            | 235,841             | 213,420                            | 213,435                          | (22,406)                                      | (10%)                                                             |                                                                                                                               |
| 2299 Pension - Def Cont    | 83,682            | 137,109            | 137,109            | 108,731             | 148,487                            | 150,770                          | 13,661                                        | 10%                                                               |                                                                                                                               |
| 2301 Soc Sec/Medicare      | 174,295           | 217,862            | 217,862            | 200,548             | 225,599                            | 229,037                          | 11,175                                        | 5%                                                                |                                                                                                                               |
| 2307 Year End FICA Accr    | 269               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 2402 Life Insurance        | -                 | -                  | -                  | -                   | -                                  | 1,913                            | 1,913                                         | 0%                                                                |                                                                                                                               |
| 2404 Health Insurance      | 316,280           | 358,525            | 358,525            | 358,525             | 385,394                            | 385,394                          | 26,869                                        | 7%                                                                |                                                                                                                               |
| <b>Personal Services</b>   | <b>3,257,782</b>  | <b>3,854,379</b>   | <b>3,854,379</b>   | <b>3,649,851</b>    | <b>4,061,019</b>                   | <b>4,121,145</b>                 | <b>266,766</b>                                | <b>7%</b>                                                         |                                                                                                                               |
| 3107 Data Proc Serv        | -                 | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3113 Fin & Bank Serv       | 1,081,597         | 1,100,000          | 1,100,000          | 1,100,000           | 1,100,000                          | 1,100,000                        | -                                             | 0%                                                                | Credit card merchant fees for Water & Sewer bills.                                                                            |
| 3119 Legal Services        | 13,677            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3199 Other Prof Serv       | 545,317           | 111,220            | 520,136            | 520,136             | 200,000                            | 100,000                          | (11,220)                                      | (10%)                                                             | Funding for professional project cost estimating.                                                                             |
| 3201 Ad/Marketing          | 893               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3210 Clerical Services     | 1,545             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                             | 0%                                                                | Prototype minutes recording services - Infrastructure Task Force meeting minutes.                                             |
| 3216 Costs/Fees/Permits    | 33,491            | 20,000             | 20,000             | 20,000              | 20,000                             | 20,000                           | -                                             | 0%                                                                | Florida Department of Environmental Protection (FDEP) fines for spills and Florida East Coast (FEC) Railway utility crossings |
| 3231 Food Services         | 410               | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                                                                               |
| 3299 Other Services        | 233,807           | -                  | -                  | 225                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3304 Office Equip Rent     | 3,076             | 4,115              | 4,115              | 4,115               | 4,115                              | 3,100                            | (1,015)                                       | (25%)                                                             |                                                                                                                               |
| 3319 Office Space Rent     | -                 | -                  | -                  | 3,830               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3404 Components/Parts      | 6,576             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                             | 0%                                                                | Survey equipment - parts and components.                                                                                      |
| 3407 Equip Rep & Maint     | 5,900             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                             | 0%                                                                | Funding for the maintenance and support of the division's large format scanner.                                               |
| 3437 Imp Rep & Maint       | 1,149,284         | 1,800,000          | 1,800,000          | 1,800,000           | 1,800,000                          | 1,800,000                        | -                                             | 0%                                                                | Annual Utilities Repairs & Maintenance of pipes and fittings, infrastructure that do not meet CIP requirements.               |
| 3504 Dupl Paper/Supplies   | 505               | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                                                                               |
| 3628 Telephone/Cable TV    | 4,256             | 4,600              | 4,600              | 4,600               | 4,600                              | 4,300                            | (300)                                         | (7%)                                                              |                                                                                                                               |
| 3801 Gasoline              | 17,680            | 21,544             | 21,544             | 17,519              | 21,544                             | 19,529                           | (2,015)                                       | (9%)                                                              |                                                                                                                               |
| 3904 Books & Manuals       | 426               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3907 Data Proc Supplies    | 24,210            | 13,000             | 13,000             | 13,000              | 13,000                             | 13,000                           | -                                             | 0%                                                                | Software and license to support the large format scanner and other division needs.                                            |
| 3910 Electrical Supplies   | 15                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3925 Office Equip < \$5000 | 12,650            | 15,000             | 15,000             | 15,000              | 15,000                             | 7,400                            | (7,600)                                       | (51%)                                                             |                                                                                                                               |
| 3926 Furniture <\$5000     | -                 | -                  | -                  | 2,116               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                               |
| 3928 Office Supplies       | 7,328             | 8,500              | 8,500              | 8,500               | 8,500                              | 8,500                            | -                                             | 0%                                                                | General office supplies for the division.                                                                                     |
| 3940 Safety Shoes          | 1,746             | 2,500              | 2,500              | 2,500               | 2,500                              | 2,500                            | -                                             | 0%                                                                |                                                                                                                               |
| 3946 Tools/Equip < \$5000  | 475               | 500                | 500                | 500                 | 500                                | 500                              | -                                             | 0%                                                                |                                                                                                                               |
| 3949 Uniforms              | 4,431             | 6,000              | 6,000              | 9,500               | 6,000                              | 6,000                            | -                                             | 0%                                                                |                                                                                                                               |
| 3999 Other Supplies        | 2,100             | 3,000              | 3,000              | 3,000               | 3,000                              | 3,000                            | -                                             | 0%                                                                | Meeting supplies and other miscellaneous supplies.                                                                            |

# Utilities Engineering - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|------------------|
| 4101 Certification Train  | 13,698            | 33,400             | 33,400             | 33,400              | 33,400                             | -                                | (33,400)                                      | (100%)                                                            |                  |
| 4104 Conferences          | 13,256            | 4,600              | 4,600              | 4,600               | 4,600                              | -                                | (4,600)                                       | (100%)                                                            |                  |
| 4110 Meetings             | -                 | -                  | -                  | 387                 | -                                  | -                                | -                                             | 0%                                                                |                  |
| 4113 Memberships/Dues     | 2,573             | 5,800              | 5,800              | 5,801               | 5,800                              | -                                | (5,800)                                       | (100%)                                                            |                  |
| 4116 Schools              | 14,720            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                  |
| 4119 Travel and Training  | -                 | -                  | -                  | -                   | -                                  | 53,000                           | 53,000                                        | 0%                                                                |                  |
| 4213 Retiree Health Bene  | 16,000            | 14,400             | 14,400             | 14,400              | 14,400                             | 31,200                           | 16,800                                        | 117%                                                              |                  |
| 4308 Overhead-Fleet       | 8,964             | 16,273             | 16,273             | 16,273              | 16,273                             | 16,273                           | -                                             | 0%                                                                |                  |
| 4355 Servchg-Print Shop   | 316               | -                  | -                  | 49                  | -                                  | -                                | -                                             | 0%                                                                |                  |
| 4373 Servchg-Fleet O&M    | 33,036            | 38,593             | 38,593             | 38,593              | 38,593                             | 34,929                           | (3,664)                                       | (9%)                                                              |                  |
| 5401 Purchases            | 89                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                  |
| <b>Operating Expenses</b> | <b>3,254,047</b>  | <b>3,240,045</b>   | <b>3,648,961</b>   | <b>3,655,044</b>    | <b>3,328,825</b>                   | <b>3,240,231</b>                 | <b>186</b>                                    | <b>0%</b>                                                         |                  |
| 6404 Computer Equipment   | -                 | -                  | -                  | 8,644               | -                                  | -                                | -                                             | 0%                                                                |                  |
| 6416 Vehicles             | 111,635           | 87,653             | 87,653             | 87,653              | -                                  | 50,043                           | (37,610)                                      | (43%)                                                             |                  |
| <b>Capital Outlay</b>     | <b>111,635</b>    | <b>87,653</b>      | <b>87,653</b>      | <b>96,297</b>       | <b>-</b>                           | <b>50,043</b>                    | <b>(37,610)</b>                               | <b>(43%)</b>                                                      |                  |
| <b>Division Total</b>     | <b>6,623,464</b>  | <b>7,182,077</b>   | <b>7,590,993</b>   | <b>7,401,192</b>    | <b>7,389,844</b>                   | <b>7,411,419</b>                 | <b>229,342</b>                                | <b>3%</b>                                                         |                  |

# Distribution and Collection - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries         | 8,397,046         | 9,267,989          | 9,267,989          | 8,961,997           | 9,902,705                          | 10,055,056                       | 787,067                                       | 8%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1107 Part Time Salaries         | 385               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1110 Sick Conv to Cash          | 29,675            | -                  | -                  | 9,633               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1113 Vac Mgmt Conv              | 12,286            | -                  | -                  | 1,099               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1119 Payroll Accrual            | 10,944            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1199 Other Reg Salaries         | -                 | 124,752            | 124,752            | 124,752             | 6,763                              | 6,763                            | (117,989)                                     | (95%)                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1201 Longevity Pay              | 158,005           | 166,425            | 166,425            | 163,687             | 163,125                            | 163,125                          | (3,300)                                       | (2%)                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1304 Assignment Pay             | 3,851             | 4,084              | 4,084              | 4,068               | -                                  | -                                | (4,084)                                       | (100%)                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1310 Shift Differential         | 3,995             | 3,789              | 3,789              | 3,830               | 3,770                              | 3,770                            | (19)                                          | (1%)                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1313 Standby Pay                | 102,215           | 46,081             | 46,081             | 46,081              | 46,081                             | 46,081                           | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1316 Upgrade Pay                | 1,006             | 2,262              | 2,262              | 3,994               | 2,262                              | 2,262                            | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1401 Car Allowances             | 5,750             | 6,000              | 6,000              | 23,680              | 26,760                             | 26,760                           | 20,760                                        | 346%                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1407 Expense Allowances         | 13,240            | 14,400             | 14,400             | 11,840              | 11,520                             | 11,520                           | (2,880)                                       | (20%)                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1413 Cellphone Allowance        | 40,240            | 40,560             | 40,560             | 41,852              | 41,040                             | 41,040                           | 480                                           | 1%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1501 Overtime 1.5X Pay          | 2,037,428         | 902,627            | 902,627            | 1,716,565           | 915,949                            | 947,761                          | 45,134                                        | 5%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1504 Overtime 1X Pay            | 30,458            | 6,054              | 6,054              | 7,753               | 6,054                              | 6,357                            | 303                                           | 5%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1511 O/T - Unplanned - 1.5X Pay | 7,480             | -                  | -                  | 1,397               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1707 Sick Termination Pay       | 9,109             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1710 Vacation Term Pay          | 6,775             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1799 Other Term Pay             | -                 | 16,241             | 16,241             | -                   | -                                  | -                                | (16,241)                                      | (100%)                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2104 Mileage Reimburse          | 109               | 6,300              | 6,300              | 6,300               | 3,500                              | 1,000                            | (5,300)                                       | (84%)                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2119 Wellness Incentives        | 2,500             | -                  | -                  | -                   | -                                  | 15,500                           | 15,500                                        | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2204 Pension - General Emp      | 1,305,419         | 1,141,134          | 1,141,134          | 1,141,134           | 1,063,167                          | 1,063,123                        | (78,011)                                      | (7%)                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2299 Pension - Def Cont         | 214,762           | 289,447            | 289,447            | 253,930             | 327,605                            | 332,651                          | 43,204                                        | 15%                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2301 Soc Sec/Medicare           | 770,127           | 739,866            | 739,866            | 809,162             | 770,844                            | 782,505                          | 42,639                                        | 6%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2307 Year End FICA Accr         | (4,945)           | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2402 Life Insurance             | -                 | -                  | -                  | -                   | -                                  | 6,479                            | 6,479                                         | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2404 Health Insurance           | 1,314,486         | 1,514,515          | 1,514,515          | 1,514,515           | 1,676,306                          | 1,676,306                        | 161,791                                       | 11%                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Personal Services</b>        | <b>14,472,346</b> | <b>14,292,526</b>  | <b>14,292,526</b>  | <b>14,847,269</b>   | <b>14,967,451</b>                  | <b>15,188,059</b>                | <b>895,533</b>                                | <b>6%</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3198 Backflow Program           | 360               | 70,445             | 70,445             | 70,445              | 70,445                             | 70,445                           | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3199 Other Prof Serv            | 429,891           | 524,555            | 524,555            | 524,555             | 524,555                            | 449,555                          | (75,000)                                      | (14%)                                                             | Emergency Contractor Services; Asphalt, Paver, and Construction Services for water main and sewer force main repairs and restoration, Backflow Installation, Environmental services, FDOT-Utility work agreements, and water company services. Also for contracted services performed in the repair and maintenance of the collection system waste water pumping stations i.e.: wet well cleaning, lining, grout repairs etc. |
| 3216 Costs/Fees/Permits         | 7,019             | 15,000             | 15,000             | 15,000              | 15,000                             | 15,000                           | -                                             | 0%                                                                | Permit fees associated with Broward County and the State of Florida Roadway repairs that have been interrupted by Public Works and require restoration.                                                                                                                                                                                                                                                                       |
| 3222 Custodial Services         | 21,844            | 18,500             | 18,500             | 21,853              | 18,500                             | 22,000                           | 3,500                                         | 19%                                                               | Vendor custodial and janitorial services.                                                                                                                                                                                                                                                                                                                                                                                     |
| 3228 Disposal (Tip) Fees        | 89,676            | 149,150            | 149,150            | 149,150             | 154,650                            | 146,450                          | (2,700)                                       | (2%)                                                              | Disposal of construction debris and excavated materials that are not suitable for reuse from water and wastewater projects.                                                                                                                                                                                                                                                                                                   |
| 3231 Food Services              | 1,862             | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3237 Lawn & Tree Service        | 12,107            | 15,000             | 15,000             | 16,724              | 15,000                             | 15,000                           | -                                             | 0%                                                                | Lawn and tree services for waste water pumping stations and other distribution & collections facilities.                                                                                                                                                                                                                                                                                                                      |
| 3252 Sludge Disposal            | 116               | 300                | 300                | 300                 | 300                                | 300                              | -                                             | 0%                                                                | Collection System Maintenance sludge disposal.                                                                                                                                                                                                                                                                                                                                                                                |
| 3255 Solid Waste Collections    | 1,411             | -                  | -                  | 1,241               | -                                  | 600                              | 600                                           | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |

# Distribution and Collection - Expenditures

| Subobject               | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3299 Other Services     | 149,152           | 1,745,000          | 1,745,000          | 1,745,000           | 1,745,000                          | 1,695,000                        | (50,000)                                      | (3%)                                                              | Range Line Services, Aquifer (well) Maintenance, Sanitary pumping services, point repair lining contract, sewer cleaning contract. Used to cover costs for FDOT & Broward County Projects that impact City Utilities, Emergency Pumping Services, Emergency pipe repairs by contractor. Also for contracted services for repair and maintenance of the raw water wells at Peele Dixie, Five Ash, cleaning, lining, and grout repairs of the collection system, and unexpected needs for a survey, density testing, proctors, etc.                   |
| 3301 Heavy Equip Rent   | 5,806             | -                  | -                  | 5,873               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 3304 Office Equip Rent  | 4,323             | 1,200              | 1,200              | 1,771               | 1,200                              | 1,200                            | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 3310 Other Equip Rent   | 341,202           | 122,500            | 122,500            | 120,674             | 122,500                            | 220,000                          | 97,500                                        | 80%                                                               | Portable toilet service, message boards, signs, barricades, lifts, pumps, tampers, etc. Also, for equipment rental due to existing equipment being down for repair/service or equipment for a task is not currently in City inventory.                                                                                                                                                                                                                                                                                                              |
| 3322 Other Facil Rent   | 24,516            | -                  | -                  | 73,548              | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 3401 Computer Maint     | 12,625            | 15,000             | 15,000             | 15,000              | 15,000                             | 15,000                           | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 3404 Components/Parts   | 2,374,504         | 2,425,000          | 2,425,000          | 2,425,000           | 2,445,000                          | 2,445,000                        | 20,000                                        | 1%                                                                | For materials taken from the Pipe Yard for infrastructure repairs and replacement. In addition, this is used to purchase components and parts for the wastewater collection system, including force mains, 186 wastewater pumping stations, source water wells, remote water storage facilities, 29 Five Ash wells, 8 Dixie wells Poinciana and Second Avenue Tanks, components and parts utilized in the maintenance support of all Public Works activities and sidewalk repairs, purchase of spare pipe fittings, valves, and large water meters. |
| 3407 Equip Rep & Maint  | 164,914           | 286,000            | 286,000            | 286,000             | 286,000                            | 200,000                          | (86,000)                                      | (30%)                                                             | Vendor repair of equipment such as rewinding a motor, repairing a tamper, or repairing a saw. Also includes in-house repair, such as one made at the small engine shop. In addition, for repair and maintenance of equipment utilized in the repair, maintenance and inspection of the waste water collection system.                                                                                                                                                                                                                               |
| 3410 Radio Rep & Maint  | -                 | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 3425 Bldg Rep Materials | 701               | 6,500              | 6,500              | 6,500               | 11,500                             | 2,000                            | (4,500)                                       | (69%)                                                             | Purchase of building materials and used when the labor is performed by a city crew.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3428 Bldg Rep & Maint   | 2,545             | 5,000              | 5,000              | 7,500               | 5,000                              | 5,000                            | -                                             | 0%                                                                | Repair and maintenance of a building/facility, labor performed by a vendor, such as mold remediation or backflow device installations.                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3434 Imp Rep Materials  | 137,382           | 155,000            | 155,000            | 155,000             | 205,000                            | 155,000                          | -                                             | 0%                                                                | Work orders where asphalt patch material is needed and labor is performed by a city crew. Also used to purchase materials used in utility restorations such as road rock and sand. Materials and supplies to repair City property other than buildings, i.e., the repair of sidewalks, crosswalks, curbing and any other paved surfaces interrupted by utility work.                                                                                                                                                                                |

# Distribution and Collection - Expenditures

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                       |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3437 Imp Rep & Maint       | 27,566            | 135,000            | 135,000            | 135,000             | 135,000                            | 135,000                          | -                                             | 0%                                                                | Work orders for repair and maintenance activities where the material and labor is performed by a vendor. Outside vendors are paid for the repair and restoration of paved surfaces interrupted by waste water repairs. |
| 3601 Electricity           | 900,078           | 919,900            | 919,900            | 731,905             | 919,900                            | 918,170                          | (1,730)                                       | (0%)                                                              |                                                                                                                                                                                                                        |
| 3613 Special Delivery      | 217               | 250                | 250                | 250                 | 250                                | 250                              | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 3628 Telephone/Cable Tv    | 163,538           | 156,666            | 156,666            | 156,666             | 156,666                            | 164,600                          | 7,934                                         | 5%                                                                |                                                                                                                                                                                                                        |
| 3634 Water/Sew/Storm       | 180,836           | 253,630            | 253,630            | 253,630             | 189,879                            | 199,372                          | (54,258)                                      | (21%)                                                             |                                                                                                                                                                                                                        |
| 3799 Other Chemicals       | 6,933             | 17,500             | 17,500             | 17,500              | 16,500                             | 16,500                           | (1,000)                                       | (6%)                                                              |                                                                                                                                                                                                                        |
| 3801 Gasoline              | 137,267           | 155,260            | 155,260            | 155,260             | 155,260                            | 148,811                          | (6,449)                                       | (4%)                                                              |                                                                                                                                                                                                                        |
| 3804 Diesel Fuel           | 262,848           | 355,955            | 355,955            | 355,955             | 355,955                            | 301,161                          | (54,794)                                      | (15%)                                                             |                                                                                                                                                                                                                        |
| 3807 Oil & Lubricants      | 655               | 3,000              | 3,000              | 3,000               | 3,000                              | 1,000                            | (2,000)                                       | (67%)                                                             |                                                                                                                                                                                                                        |
| 3904 Books & Manuals       | 1,976             | 1,600              | 1,600              | 1,600               | 1,600                              | 1,600                            | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 3907 Data Proc Supplies    | 6,686             | 1,366              | 1,366              | 1,366               | 1,366                              | 1,366                            | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 3910 Electrical Supplies   | 220,437           | 250,000            | 250,000            | 250,000             | 250,000                            | 250,000                          | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 3913 Horticultural Sup     | 3,698             | 15,000             | 15,000             | 15,000              | 15,000                             | 6,000                            | (9,000)                                       | (60%)                                                             | Sod, replacement landscaping, and top-soil damaged or removed during water and wastewater repairs.                                                                                                                     |
| 3916 Janitorial Supplies   | 7,119             | 7,000              | 7,000              | 7,000               | 7,000                              | 7,000                            | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 3922 Medical Supplies      | -                 | 50                 | 50                 | 50                  | 50                                 | 50                               | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 3925 Office Equip < \$5000 | 25,674            | 4,020              | 4,020              | 4,020               | 4,020                              | 1,500                            | (2,520)                                       | (63%)                                                             |                                                                                                                                                                                                                        |
| 3928 Office Supplies       | 7,436             | 8,000              | 8,000              | 8,000               | 8,100                              | 8,000                            | -                                             | 0%                                                                | General office supplies purchased through admin staff for multiple sections in Distribution & Collections.                                                                                                             |
| 3937 Safety/Train Mat      | 4,466             | 2,000              | 2,000              | 2,000               | 2,200                              | 2,000                            | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 3940 Safety Shoes          | 28,621            | 23,750             | 23,750             | 23,750              | 25,400                             | 25,400                           | 1,650                                         | 7%                                                                |                                                                                                                                                                                                                        |
| 3946 Tools/Equip < \$5000  | 142,390           | 165,000            | 165,000            | 165,000             | 175,000                            | 142,000                          | (23,000)                                      | (14%)                                                             | Tools and equipment utilized in the repair and maintenance of water and wastewater systems, which is needed to facilitate timely and safe repairs to the City's aging infrastructure.                                  |
| 3949 Uniforms              | 39,282            | 32,700             | 32,700             | 35,050              | 32,950                             | 40,000                           | 7,300                                         | 22%                                                               |                                                                                                                                                                                                                        |
| 3999 Other Supplies        | 295,520           | 185,000            | 185,000            | 185,000             | 194,750                            | 185,000                          | -                                             | 0%                                                                | Miscellaneous pump and pipe maintenance supplies, and miscellaneous items not covered by any other specific subobject utilized in the maintenance and repair of the wastewater collection systems.                     |
| 4101 Certification Train   | 20,302            | 7,519              | 7,519              | 7,519               | 8,019                              | -                                | (7,519)                                       | (100%)                                                            |                                                                                                                                                                                                                        |
| 4104 Conferences           | 21,042            | 7,000              | 7,000              | 8,925               | 7,000                              | -                                | (7,000)                                       | (100%)                                                            |                                                                                                                                                                                                                        |
| 4113 Memberships/Dues      | -                 | 220                | 220                | 220                 | 220                                | -                                | (220)                                         | (100%)                                                            |                                                                                                                                                                                                                        |
| 4116 Schools               | 18,680            | 10,000             | 10,000             | 10,000              | 10,000                             | -                                | (10,000)                                      | (100%)                                                            |                                                                                                                                                                                                                        |
| 4119 Training and Travel   | -                 | -                  | -                  | -                   | -                                  | 37,600                           | 37,600                                        | 0%                                                                |                                                                                                                                                                                                                        |
| 4207 Promotional Contr     | 2,500             | 2,500              | 2,500              | 2,500               | 2,500                              | 2,500                            | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 4213 Retiree Health Bene   | 72,800            | 74,000             | 74,000             | 74,000              | 74,000                             | 75,600                           | 1,600                                         | 2%                                                                |                                                                                                                                                                                                                        |
| 4308 Overhead-Fleet        | 230,460           | 310,851            | 310,851            | 310,851             | 310,851                            | 310,851                          | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 4346 Servchg-Pking Sys     | 77                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 4355 Servchg-Print Shop    | 3,300             | 5,500              | 5,500              | 5,500               | 5,500                              | 5,500                            | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 4361 Servchg-Pub Works     | 96,593            | 2,500              | 2,500              | 2,500               | 2,500                              | 2,500                            | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 4373 Servchg-Fleet O&M     | 848,652           | 888,293            | 888,293            | 888,293             | 888,293                            | 738,195                          | (150,098)                                     | (17%)                                                             |                                                                                                                                                                                                                        |
| 4374 Servchg-Non Fleet     | 16,801            | 16,700             | 16,700             | 13,681              | 16,700                             | 16,700                           | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 4399 Servchg-Other Funds   | 300,000           | 300,000            | 300,000            | 300,000             | 300,000                            | 250,749                          | (49,251)                                      | (16%)                                                             |                                                                                                                                                                                                                        |
| 5604 Writeoff A/R & Other  | 594               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| <b>Operating Expenses</b>  | <b>7,877,000</b>  | <b>9,872,880</b>   | <b>9,872,880</b>   | <b>9,773,125</b>    | <b>9,911,079</b>                   | <b>9,453,525</b>                 | <b>(419,355)</b>                              | <b>(4%)</b>                                                       |                                                                                                                                                                                                                        |
| 6404 Computer Equipment    | -                 | -                  | -                  | 64                  | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                        |
| 6416 Vehicles              | 4,576,402         | 2,221,575          | 2,221,575          | 2,221,575           | -                                  | 783,062                          | (1,438,513)                                   | (65%)                                                             |                                                                                                                                                                                                                        |
| 6499 Other Equipment       | 1,835,828         | 1,100,000          | 1,100,000          | 1,100,000           | 1,100,000                          | 1,100,000                        | -                                             | 0%                                                                | Used for the replacement of pumps as per the renewal and replacement program in the comprehensive utilities strategic master plan.                                                                                     |
| <b>Capital Outlay</b>      | <b>6,412,230</b>  | <b>3,321,575</b>   | <b>3,321,575</b>   | <b>3,321,639</b>    | <b>1,100,000</b>                   | <b>1,883,062</b>                 | <b>(1,438,513)</b>                            | <b>(43%)</b>                                                      |                                                                                                                                                                                                                        |
| <b>Division Total</b>      | <b>28,761,576</b> | <b>27,486,981</b>  | <b>27,486,981</b>  | <b>27,942,033</b>   | <b>25,978,530</b>                  | <b>26,524,646</b>                | <b>(962,335)</b>                              | <b>-4%</b>                                                        |                                                                                                                                                                                                                        |

# Treatment - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries         | 3,507,703         | 3,801,388          | 3,801,388          | 3,600,517           | 3,943,042                          | 4,003,705                        | 202,317                                       | 5%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1110 Sick Conv to Cash          | 3,836             | -                  | -                  | 614                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1113 Vac Mgmt Conv              | 3,534             | -                  | -                  | 835                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1119 Payroll Accrual            | (1,761)           | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1199 Other Reg Salaries         | -                 | 40,834             | 40,834             | 40,834              | -                                  | -                                | (40,834)                                      | (100%)                                                            |                                                                                                                                                                                                                                                                                                                                                          |
| 1201 Longevity Pay              | 51,775            | 39,785             | 39,785             | 37,457              | 33,781                             | 33,781                           | (6,004)                                       | (15%)                                                             |                                                                                                                                                                                                                                                                                                                                                          |
| 1304 Assignment Pay             | 38,940            | 37,585             | 37,585             | 42,120              | -                                  | -                                | (37,585)                                      | (100%)                                                            |                                                                                                                                                                                                                                                                                                                                                          |
| 1310 Shift Differential         | 5,345             | 5,487              | 5,487              | 5,070               | 7,800                              | 7,800                            | 2,313                                         | 42%                                                               |                                                                                                                                                                                                                                                                                                                                                          |
| 1313 Standby Pay                | 5,014             | -                  | -                  | 5,804               | 24,000                             | 24,000                           | 24,000                                        | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1316 Upgrade Pay                | 2,889             | -                  | -                  | 6,159               | 200                                | 200                              | 200                                           | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1401 Car Allowances             | 3,000             | 3,000              | 3,000              | 31,280              | 42,480                             | 42,480                           | 39,480                                        | 1316%                                                             |                                                                                                                                                                                                                                                                                                                                                          |
| 1407 Expense Allowances         | 12,880            | 14,400             | 14,400             | 3,120               | 1,440                              | 1,440                            | (12,960)                                      | (90%)                                                             |                                                                                                                                                                                                                                                                                                                                                          |
| 1413 Cellphone Allowance        | 7,800             | 6,960              | 6,960              | 10,732              | 9,840                              | 9,840                            | 2,880                                         | 41%                                                               |                                                                                                                                                                                                                                                                                                                                                          |
| 1501 Overtime 1.5X Pay          | 248,080           | 245,700            | 245,700            | 219,235             | 221,700                            | 257,985                          | 12,285                                        | 5%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1504 Overtime 1X Pay            | 3,931             | 1,445              | 1,445              | 5,333               | 1,445                              | 1,517                            | 72                                            | 5%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1511 O/T - Unplanned - 1.5X Pay | 240               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1701 Retirement Gifts           | 150               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1707 Sick Termination Pay       | 6,032             | -                  | -                  | 7,175               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1710 Vacation Term Pay          | 38,661            | -                  | -                  | 12,255              | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 1799 Other Term Pay             | -                 | -                  | -                  | -                   | 30,566                             | 30,566                           | 30,566                                        | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 2104 Mileage Reimburse          | 106               | 379                | 379                | 379                 | -                                  | -                                | (379)                                         | (100%)                                                            |                                                                                                                                                                                                                                                                                                                                                          |
| 2119 Wellness Incentives        | 2,500             | -                  | -                  | -                   | -                                  | 10,000                           | 10,000                                        | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 2204 Pension - General Emp      | 357,014           | 288,276            | 288,276            | 288,276             | 261,234                            | 261,238                          | (27,038)                                      | (9%)                                                              |                                                                                                                                                                                                                                                                                                                                                          |
| 2299 Pension - Def Cont         | 170,750           | 196,938            | 196,938            | 182,425             | 219,252                            | 222,624                          | 25,686                                        | 13%                                                               |                                                                                                                                                                                                                                                                                                                                                          |
| 2301 Soc Sec/Medicare           | 284,712           | 302,413            | 302,413            | 290,842             | 304,823                            | 309,467                          | 7,054                                         | 2%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 2307 Year End FICA Accr         | (1,246)           | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 2402 Life Insurance             | -                 | -                  | -                  | -                   | -                                  | 2,579                            | 2,579                                         | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 2404 Health Insurance           | 480,263           | 554,865            | 554,865            | 554,865             | 619,129                            | 619,129                          | 64,264                                        | 12%                                                               |                                                                                                                                                                                                                                                                                                                                                          |
| <b>Personal Services</b>        | <b>5,232,148</b>  | <b>5,539,455</b>   | <b>5,539,455</b>   | <b>5,345,327</b>    | <b>5,720,732</b>                   | <b>5,838,351</b>                 | <b>298,896</b>                                | <b>5%</b>                                                         |                                                                                                                                                                                                                                                                                                                                                          |
| 3198 Backflow Program           | -                 | 9,495              | 9,495              | 9,495               | 9,495                              | 9,495                            | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 3199 Other Prof Serv            | 36,489            | 104,495            | 104,495            | 104,495             | 104,495                            | 49,000                           | (55,495)                                      | (53%)                                                             | Funding for lab contract.                                                                                                                                                                                                                                                                                                                                |
| 3201 Ad/Marketing               | 5,950             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 3216 Costs/Fees/Permits         | 24,503            | 26,000             | 26,000             | 26,000              | 22,500                             | 27,312                           | 1,312                                         | 5%                                                                | Annual National Environmental Laboratory Accreditation Program (NELAP) Certification of Lab, Water treatment plant regulatory agencies permits and other cost.                                                                                                                                                                                           |
| 3228 Disposal (Tip) Fees        | 3,366             | 3,297              | 3,297              | 3,297               | 3,297                              | 3,297                            | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 3231 Food Services              | 687               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| 3237 Lawn & Tree Service        | 36,749            | 25,000             | 25,000             | 40,773              | 25,000                             | 30,935                           | 5,935                                         | 24%                                                               |                                                                                                                                                                                                                                                                                                                                                          |
| 3255 Solid Waste Collections    | 3,720             | 3,750              | 3,750              | 3,750               | 3,750                              | 2,309                            | (1,441)                                       | (38%)                                                             |                                                                                                                                                                                                                                                                                                                                                          |
| 3299 Other Services             | 46,551            | 111,500            | 111,500            | 111,500             | 109,885                            | 74,065                           | (37,435)                                      | (34%)                                                             | Funding is for Evoqua DI Water Filtration in lab, Trescal laboratories is brought in to calibrate Mechanical Convection Laboratory Ovens, incubators, refrigerators and water baths, and Laboratory Temp Staffing.                                                                                                                                       |
| 3301 Heavy Equip Rent           | 8,634             | 1,000              | 1,000              | 1,000               | 5,000                              | 5,000                            | 4,000                                         | 400%                                                              | Rental of rollers, lift, bobcats, excavators, etc. and other heavy equipment to work in the facility.                                                                                                                                                                                                                                                    |
| 3304 Office Equip Rent          | 4,613             | 6,200              | 6,200              | 6,200               | 6,200                              | 5,400                            | (800)                                         | (13%)                                                             | Photocopier lease at multiple locations.                                                                                                                                                                                                                                                                                                                 |
| 3310 Other Equip Rent           | 9,000             | -                  | -                  | -                   | 2,500                              | 2,500                            | 2,500                                         | 0%                                                                | Funding is used for signs and barricades while maintenance work is completed around the plant for employee safety.                                                                                                                                                                                                                                       |
| 3401 Computer Maint             | 51,446            | 112,500            | 112,500            | 112,500             | 112,500                            | 90,000                           | (22,500)                                      | (20%)                                                             | The Peele Dixie Water Treatment Plant utilizes a number of computer systems. This is to maintain Supervisory Control and Data Acquisition (SCADA) computer systems used to monitor and control plant equipment and process, George T. Lohmeyer Regional Wastewater Treatment Plant (GTL)-SCADA Servers, Operators' Work Stations, network switches, etc. |

# Treatment - Expenditures

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3404 Components/Parts      | 739,799           | 800,000            | 800,000            | 800,000             | 788,000                            | 733,000                          | (67,000)                                      | (8%)                                                              | Material and parts for preventative maintenance and plant equipment repair, replacement of worn out, obsolete equipment and instrumentation, Hach Maintenance repair for specialized Wastewater lab equipment, i.e., spectrometers, pH meters and turbid meters, parts needed for special biology equipment, Supervisory Control and Data Acquisition (SCADA) items, GTL-Instrumentation & Controls equipment, controllers. |
| 3407 Equip Rep & Maint     | 105,247           | 100,000            | 100,000            | 100,000             | 100,000                            | 100,000                          | -                                             | 0%                                                                | Used to rebuild pumps, rewind motors, and skids feed Pump motors; maintenance repair for specialized Wastewater lab equipment i.e., mechanical convection laboratory ovens, muffle furnaces and laboratory grade cold storage units in Wastewater Lab.                                                                                                                                                                      |
| 3425 Bldg Rep Materials    | 305               | 55,000             | 55,000             | 55,000              | 62,500                             | 55,000                           | -                                             | 0%                                                                | Parts for plumbing components, paint, maintenance and repair supplies to maintain Water and Sewer plant buildings.                                                                                                                                                                                                                                                                                                          |
| 3428 Bldg Rep & Maint      | 72,455            | 50,000             | 50,000             | 49,999              | 40,000                             | 50,000                           | -                                             | 0%                                                                | Outside contractor and City Facilities crews repair, maintenance of multiple Distribution and Collection buildings, for example, pressure washing, window cleaning, parking lot patching/repairs, asphalt coating, and other building repairs.                                                                                                                                                                              |
| 3437 Imp Rep & Maint       | 3,356             | 17,500             | 17,500             | 17,500              | 17,500                             | 17,500                           | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3601 Electricity           | 2,145,952         | 2,290,200          | 2,290,200          | 1,621,464           | 2,290,200                          | 2,189,085                        | (101,115)                                     | (4%)                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3607 Nat/Propane Gas       | 25                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3613 Special Delivery      | 220               | 100                | 100                | 100                 | 100                                | 100                              | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3616 Postage               | -                 | 100                | 100                | 100                 | 100                                | 100                              | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3628 Telephone/Cable Tv    | 38,290            | 37,700             | 37,700             | 37,700              | 37,700                             | 38,500                           | 800                                           | 2%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3634 Water/Sew/Storm       | 250,188           | 208,109            | 208,109            | 208,109             | 262,698                            | 275,832                          | 67,723                                        | 33%                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3701 Chlorine              | 281,785           | 280,000            | 280,000            | 280,001             | 280,000                            | 280,000                          | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3704 Coagulants            | 9,969             | 20,300             | 20,300             | 20,300              | 20,300                             | 20,300                           | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3710 Lime                  | 1,870,634         | 1,780,000          | 1,780,000          | 1,780,000           | 1,780,000                          | 1,780,000                        | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3714 Aqueous Ammonia       | 42,899            | 75,000             | 75,000             | 75,000              | 75,000                             | 75,000                           | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3715 Hydrofluosilicic Acid | 68,213            | 80,000             | 80,000             | 80,000              | 80,000                             | 80,000                           | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3716 Corrosion Inhibitor   | 102,200           | 75,000             | 75,000             | 75,000              | 75,000                             | 75,000                           | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3717 Sodium Hypochlorite   | 71,883            | 75,000             | 75,000             | 75,198              | 75,000                             | 75,000                           | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3718 Sodium Hydroxide      | 140,207           | 190,000            | 190,000            | 190,000             | 190,000                            | 190,000                          | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3719 Scale Inhibitor       | 88,015            | 100,000            | 100,000            | 100,000             | 100,000                            | 100,000                          | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3720 Sulfuric Acid         | 296,959           | 290,000            | 290,000            | 290,000             | 290,000                            | 290,000                          | -                                             | 0%                                                                | Water Treatment Chemical                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3799 Other Chemicals       | 34,729            | 33,000             | 33,000             | 33,000              | 33,000                             | 33,000                           | -                                             | 0%                                                                | Reagents and chemicals for Waste Water Lab, skids cleaning                                                                                                                                                                                                                                                                                                                                                                  |
| 3801 Gasoline              | 6,479             | 8,546              | 8,546              | 8,546               | 8,546                              | 7,168                            | (1,378)                                       | (16%)                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3804 Diesel Fuel           | 71,603            | 50,000             | 50,000             | 45,000              | 50,000                             | 50,292                           | 292                                           | 1%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3807 Oil & Lubricants      | 1,552             | 4,000              | 4,000              | 4,000               | 4,000                              | 2,000                            | (2,000)                                       | (50%)                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3904 Books & Manuals       | 1,540             | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3907 Data Proc Supplies    | 3,282             | 1,900              | 1,900              | 1,900               | 1,900                              | 1,900                            | -                                             | 0%                                                                | Software upgrades for plants and labs.                                                                                                                                                                                                                                                                                                                                                                                      |
| 3910 Electrical Supplies   | 33,900            | 40,000             | 40,000             | 40,000              | 40,000                             | 40,000                           | -                                             | 0%                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3916 Janitorial Supplies   | 27,431            | 11,000             | 11,000             | 11,000              | 21,000                             | 21,000                           | 10,000                                        | 91%                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3919 Laboratory Sup        | 123,299           | 76,000             | 76,000             | 76,000              | 76,000                             | 76,000                           | -                                             | 0%                                                                | Plant lab supplies and supplies for Wastewater Lab, i.e., glass microfiber filters, tins, gloves and glassware, IDEXX, Colilert, Vessels and Quanti Tray FAC 62-550.518 Total Coliform Rule (TCR) and Ground Water Rule (GWR) monitoring, Petri dishes, disposable serological pipettes.                                                                                                                                    |



# Treatment - Expenditures

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                      |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3922 Medical Supplies      | 198               | -                  | -                  | 95                  | 1,000                              | 1,000                            | 1,000                                         | 0%                                                                |                                                                                                                                                       |
| 3925 Office Equip < \$5000 | 19,770            | 17,270             | 17,270             | 17,270              | 17,270                             | 12,600                           | (4,670)                                       | (27%)                                                             |                                                                                                                                                       |
| 3926 Furniture <\$5000     | -                 | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                                                                                                       |
| 3928 Office Supplies       | 2,767             | 7,000              | 7,000              | 7,000               | 7,000                              | 7,000                            | -                                             | 0%                                                                | General office supplies for plants and labs.                                                                                                          |
| 3937 Safety/Train Mat      | 1,551             | 3,500              | 3,500              | 3,500               | 4,000                              | 3,500                            | -                                             | 0%                                                                |                                                                                                                                                       |
| 3940 Safety Shoes          | 6,669             | 7,250              | 7,250              | 7,250               | 8,115                              | 7,250                            | -                                             | 0%                                                                |                                                                                                                                                       |
| 3946 Tools/Equip < \$5000  | 12,466            | 16,000             | 16,000             | 16,000              | 16,000                             | 16,000                           | -                                             | 0%                                                                | Purchase of new and replacement of old tools and equipment as needed.                                                                                 |
| 3949 Uniforms              | 7,508             | 7,500              | 7,500              | 7,500               | 8,500                              | 8,500                            | 1,000                                         | 13%                                                               |                                                                                                                                                       |
| 3999 Other Supplies        | 21,440            | 76,000             | 76,000             | 76,000              | 76,000                             | 76,000                           | -                                             | 0%                                                                | Cartridge filters, consumables for Biology lab, wipes, gloves, miscellaneous supplies for SCADA, GTL-Instrumentation and Controls equipment upgrades. |
| 4101 Certification Train   | 1,597             | 5,130              | 5,130              | 5,130               | 4,730                              | -                                | (5,130)                                       | (100%)                                                            |                                                                                                                                                       |
| 4104 Conferences           | 8,012             | 12,015             | 12,015             | 12,015              | 10,015                             | -                                | (12,015)                                      | (100%)                                                            |                                                                                                                                                       |
| 4110 Meetings              | -                 | 735                | 735                | 735                 | 735                                | -                                | (735)                                         | (100%)                                                            |                                                                                                                                                       |
| 4113 Memberships/Dues      | 5,005             | 3,130              | 3,130              | 3,130               | 3,130                              | -                                | (3,130)                                       | (100%)                                                            |                                                                                                                                                       |
| 4116 Schools               | -                 | 17,965             | 17,965             | 17,965              | 20,115                             | -                                | (17,965)                                      | (100%)                                                            |                                                                                                                                                       |
| 4119 Training and Travel   | -                 | -                  | -                  | -                   | -                                  | 32,200                           | 32,200                                        | 0%                                                                |                                                                                                                                                       |
| 4213 Retiree Health Bene   | 46,600            | 45,200             | 45,200             | 45,200              | 45,200                             | 50,400                           | 5,200                                         | 12%                                                               |                                                                                                                                                       |
| 4308 Overhead-Fleet        | 3,204             | 8,171              | 8,171              | 8,171               | 8,171                              | 8,171                            | -                                             | 0%                                                                |                                                                                                                                                       |
| 4337 Servchg-Fire          | 2,232             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                       |
| 4355 Servchg-Print Shop    | 2,928             | 500                | 500                | 500                 | 500                                | 500                              | -                                             | 0%                                                                |                                                                                                                                                       |
| 4361 Servchg-Pub Works     | 332               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                       |
| 4373 Servchg-Fleet O&M     | 11,868            | 16,378             | 16,378             | 16,378              | 16,378                             | 27,381                           | 11,003                                        | 67%                                                               |                                                                                                                                                       |
| 4374 Servchg-Non Fleet     | -                 | 300                | 300                | -                   | 300                                | 300                              | -                                             | 0%                                                                |                                                                                                                                                       |
| <b>Operating Expenses</b>  | <b>7,018,271</b>  | <b>7,397,736</b>   | <b>7,397,736</b>   | <b>6,739,766</b>    | <b>7,452,325</b>                   | <b>7,207,892</b>                 | <b>(189,844)</b>                              | <b>(3%)</b>                                                       |                                                                                                                                                       |
| 6416 Vehicles              | 113,979           | 52,888             | 52,888             | 52,888              | -                                  | -                                | (52,888)                                      | (100%)                                                            |                                                                                                                                                       |
| 6499 Other Equipment       | 205,584           | 250,000            | 250,000            | 250,000             | 200,000                            | 200,000                          | (50,000)                                      | (20%)                                                             | Funding for large motors, pumps, generators and replacement of aging plant equipment.                                                                 |
| <b>Capital Outlay</b>      | <b>319,563</b>    | <b>302,888</b>     | <b>302,888</b>     | <b>302,888</b>      | <b>200,000</b>                     | <b>200,000</b>                   | <b>(102,888)</b>                              | <b>(34%)</b>                                                      |                                                                                                                                                       |
| <b>Division Total</b>      | <b>12,569,982</b> | <b>13,240,079</b>  | <b>13,240,079</b>  | <b>12,387,981</b>   | <b>13,373,057</b>                  | <b>13,246,243</b>                | <b>6,164</b>                                  | <b>0%</b>                                                         |                                                                                                                                                       |

# Environmental Resources - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                 |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries         | 522,934           | 610,630            | 610,630            | 590,735             | 644,520                            | 654,437                          | 43,807                                        | 7%                                                                |                                                                                                  |
| 1110 Sick Conv to Cash          | 1,736             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 1113 Vac Mgmt Conv              | 1,949             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 1119 Payroll Accrual            | (1,345)           | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 1199 Other Reg Salaries         | -                 | 8,480              | 8,480              | 8,480               | -                                  | -                                | (8,480)                                       | (100%)                                                            |                                                                                                  |
| 1201 Longevity Pay              | 5,723             | 5,981              | 5,981              | 4,583               | 4,583                              | 4,583                            | (1,398)                                       | (23%)                                                             |                                                                                                  |
| 1407 Expense Allowances         | 2,880             | 3,360              | 3,360              | 4,597               | 5,280                              | 5,280                            | 1,920                                         | 57%                                                               |                                                                                                  |
| 1413 Cellphone Allowance        | 1,640             | 1,920              | 1,920              | 1,732               | 1,440                              | 1,440                            | (480)                                         | (25%)                                                             |                                                                                                  |
| 1501 Overtime 1.5X Pay          | 1,179             | 546                | 546                | 220                 | 546                                | 573                              | 27                                            | 5%                                                                |                                                                                                  |
| 1512 O/T - Unplanned - 1.0X Pay | 32                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 1707 Sick Termination Pay       | 1,539             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 1710 Vacation Term Pay          | 3,885             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 2104 Mileage Reimburse          | 127               | 300                | 300                | 300                 | 300                                | 300                              | -                                             | 0%                                                                |                                                                                                  |
| 2119 Wellness Incentives        | 1,500             | -                  | -                  | -                   | -                                  | 3,000                            | 3,000                                         | 0%                                                                |                                                                                                  |
| 2204 Pension - General Emp      | 60,297            | 55,824             | 55,824             | 55,824              | 68,994                             | 69,003                           | 13,179                                        | 24%                                                               |                                                                                                  |
| 2299 Pension - Def Cont         | 17,409            | 28,881             | 28,881             | 19,873              | 23,934                             | 24,302                           | (4,579)                                       | (16%)                                                             |                                                                                                  |
| 2301 Soc Sec/Medicare           | 40,095            | 48,225             | 48,225             | 44,571              | 49,656                             | 50,415                           | 2,190                                         | 5%                                                                |                                                                                                  |
| 2307 Year End FICA Accr         | (130)             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 2402 Life Insurance             | -                 | -                  | -                  | -                   | -                                  | 422                              | 422                                           | 0%                                                                |                                                                                                  |
| 2404 Health Insurance           | 74,003            | 84,672             | 84,672             | 84,672              | 92,872                             | 80,401                           | (4,271)                                       | (5%)                                                              |                                                                                                  |
| <b>Personal Services</b>        | <b>735,453</b>    | <b>848,819</b>     | <b>848,819</b>     | <b>815,587</b>      | <b>892,125</b>                     | <b>894,156</b>                   | <b>45,337</b>                                 | <b>5%</b>                                                         |                                                                                                  |
| 3199 Other Prof Serv            | 63,676            | 75,000             | 75,000             | 75,000              | 76,705                             | 74,566                           | (434)                                         | (1%)                                                              | Funding for backflow transaction fees and credit card fees.                                      |
| 3201 Ad/Marketing               | -                 | 1,500              | 1,500              | 1,500               | 1,500                              | 750                              | (750)                                         | (50%)                                                             | Water Conservation outreach - Printed materials, giveaways - pencils, pens, bags, shower timers. |
| 3216 Costs/Fees/Permits         | 120               | 2,000              | 2,000              | 2,000               | 500                                | 500                              | (1,500)                                       | (75%)                                                             |                                                                                                  |
| 3231 Food Services              | 122               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 3299 Other Services             | 40,228            | 99,069             | 99,069             | 99,069              | 99,069                             | 99,069                           | -                                             | 0%                                                                | Funding saltwater well redevelopment, naturescape, and conservation pays.                        |
| 3304 Office Equip Rent          | -                 | -                  | -                  | 419                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 3310 Other Equip Rent           | 240               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 3401 Computer Maint             | 1,700             | 2,250              | 2,250              | 2,250               | 2,250                              | 2,250                            | -                                             | 0%                                                                | Computer maintenance and support.                                                                |
| 3407 Equip Rep & Maint          | 153               | -                  | -                  | -                   | 500                                | 500                              | 500                                           | 0%                                                                | Repair and maintenance of field equipment.                                                       |
| 3437 Imp Rep & Maint            | 54                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 3613 Special Delivery           | 20                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 3628 Telephone/Cable Tv         | 4,914             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                             | 0%                                                                |                                                                                                  |
| 3799 Other Chemicals            | 206               | 200                | 200                | 200                 | 500                                | 420                              | 220                                           | 110%                                                              | Chlorine test tabs and chemical standards for conducting field test.                             |
| 3801 Gasoline                   | 4,493             | 4,052              | 4,052              | 4,052               | 4,052                              | 4,929                            | 877                                           | 22%                                                               |                                                                                                  |
| 3907 Data Proc Supplies         | 75                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 3925 Office Equip < \$5000      | 1,500             | 1,000              | 1,000              | 1,000               | -                                  | 1,400                            | 400                                           | 40%                                                               |                                                                                                  |
| 3926 Furniture <\$5000          | -                 | 1,000              | 1,000              | 1,000               | -                                  | -                                | (1,000)                                       | (100%)                                                            |                                                                                                  |
| 3928 Office Supplies            | 537               | 2,500              | 2,500              | 2,500               | 2,500                              | 600                              | (1,900)                                       | (76%)                                                             |                                                                                                  |
| 3937 Safety/Train Mat           | 46                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                  |
| 3940 Safety Shoes               | 408               | 875                | 875                | 875                 | 875                                | 875                              | -                                             | 0%                                                                |                                                                                                  |
| 3946 Tools/Equip < \$5000       | 3,367             | 2,000              | 2,000              | 2,000               | 2,000                              | 2,500                            | 500                                           | 25%                                                               | Tools and equipment for sampling/field operations.                                               |
| 3949 Uniforms                   | 1,441             | 1,635              | 1,635              | 1,635               | 1,500                              | 1,500                            | (135)                                         | (8%)                                                              |                                                                                                  |
| 3999 Other Supplies             | 10,880            | 200                | 200                | 200                 | 500                                | 200                              | -                                             | 0%                                                                | Non-standard equipment - probes, rain gear, rubber boots, etc.                                   |
| 4101 Certification Train        | 3,633             | 5,400              | 5,400              | 5,400               | 1,000                              | -                                | (5,400)                                       | (100%)                                                            |                                                                                                  |
| 4104 Conferences                | 2,280             | 3,100              | 3,100              | 3,100               | 3,100                              | -                                | (3,100)                                       | (100%)                                                            |                                                                                                  |
| 4113 Memberships/Dues           | 90                | 390                | 390                | 390                 | 90                                 | -                                | (390)                                         | (100%)                                                            |                                                                                                  |
| 4119 Travel and Training        | -                 | -                  | -                  | -                   | -                                  | 8,600                            | 8,600                                         | 0%                                                                |                                                                                                  |
| 4308 Overhead-Fleet             | 2,100             | 6,152              | 6,152              | 6,152               | 6,152                              | 6,152                            | -                                             | 0%                                                                |                                                                                                  |
| 4355 Servchg-Print Shop         | 273               | 2,000              | 2,000              | 2,000               | 2,000                              | 2,000                            | -                                             | 0%                                                                |                                                                                                  |
| 4373 Servchg-Fleet O&M          | 7,728             | 15,771             | 15,771             | 15,772              | 15,771                             | 8,972                            | (6,799)                                       | (43%)                                                             |                                                                                                  |
| <b>Operating Expenses</b>       | <b>150,284</b>    | <b>231,094</b>     | <b>231,094</b>     | <b>231,514</b>      | <b>225,564</b>                     | <b>220,783</b>                   | <b>(10,311)</b>                               | <b>(4%)</b>                                                       |                                                                                                  |
| 6416 Vehicles                   | 26,744            | 82,319             | 82,319             | 82,319              | -                                  | -                                | (82,319)                                      | (100%)                                                            |                                                                                                  |
| <b>Capital Outlay</b>           | <b>26,744</b>     | <b>82,319</b>      | <b>82,319</b>      | <b>82,319</b>       | <b>-</b>                           | <b>-</b>                         | <b>(82,319)</b>                               | <b>(100%)</b>                                                     |                                                                                                  |
| <b>Division Total</b>           | <b>912,481</b>    | <b>1,162,232</b>   | <b>1,162,232</b>   | <b>1,129,420</b>    | <b>1,117,689</b>                   | <b>1,114,939</b>                 | <b>(47,293)</b>                               | <b>-4%</b>                                                        |                                                                                                  |

## Dept Support - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                        |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1801 Core Adjustments                | -                 | 277,000            | 262,000            | -                   | -                                  | -                                | (277,000)                                     | (100%)                                                            |                                                                                         |
| 2407 Unemployment Comp               | 550               | 1,000              | 1,000              | -                   | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                                         |
| 2410 Workers' Comp                   | 568,397           | 733,861            | 733,861            | 733,861             | 733,861                            | 733,861                          | -                                             | 0%                                                                |                                                                                         |
| 9237 Transfer To Special Obligations | 2,006,361         | 2,030,515          | 2,030,515          | 2,030,515           | 2,030,515                          | 1,966,935                        | (63,580)                                      | (3%)                                                              |                                                                                         |
| <b>Personal Services</b>             | <b>2,575,308</b>  | <b>3,042,376</b>   | <b>3,027,376</b>   | <b>2,764,376</b>    | <b>2,765,376</b>                   | <b>2,701,796</b>                 | <b>(340,580)</b>                              | <b>(11%)</b>                                                      |                                                                                         |
| 3101 Acct & Auditing                 | 37,491            | 326,591            | 326,591            | 326,591             | 326,591                            | 331,535                          | 4,944                                         | 2%                                                                | Funding for an external auditor to monitor projects and financial forecasting services. |
| 3319 Office Space Rent               | 41                | -                  | 40,000             | 7,659               | 40,000                             | 27,000                           | 27,000                                        | 0%                                                                | Office space rented in Ivy Tower.                                                       |
| 4119 Travel and Training             | -                 | -                  | -                  | -                   | -                                  | 100,000                          | 100,000                                       | 0%                                                                |                                                                                         |
| 4304 Indirect Admin Serv             | 3,998,405         | 3,817,055          | 3,817,055          | 3,817,055           | 3,926,058                          | 3,926,058                        | 109,003                                       | 3%                                                                |                                                                                         |
| 4316 ROI Admin Chg                   | 16,235,798        | 12,176,848         | 12,176,848         | 12,176,848          | 12,176,848                         | 8,117,899                        | (4,058,949)                                   | (33%)                                                             |                                                                                         |
| 4334 Servchg-Airport                 | 117,963           | 120,405            | 120,405            | 120,405             | -                                  | 120,405                          | -                                             | 0%                                                                |                                                                                         |
| 4343 Servchg-Info Sys                | 2,709,257         | 3,042,576          | 3,042,576          | 3,042,576           | 3,042,576                          | 3,042,576                        | -                                             | 0%                                                                |                                                                                         |
| 4361 Servchg-Pub Works               | (244,481)         | 494,678            | 494,678            | 494,678             | 494,678                            | 273,563                          | (221,115)                                     | (45%)                                                             |                                                                                         |
| 4399 Servchg-Other Funds             | -                 | (770,000)          | (770,000)          | (770,000)           | (770,000)                          | (770,000)                        | -                                             | 0%                                                                |                                                                                         |
| 4401 Auto Liability                  | 290,794           | 270,349            | 270,349            | 270,349             | 270,349                            | 270,349                          | -                                             | 0%                                                                |                                                                                         |
| 4407 Emp Proceedings                 | 104,144           | 158,484            | 158,484            | 158,484             | 158,484                            | 158,484                          | -                                             | 0%                                                                |                                                                                         |
| 4410 General Liability               | 630,567           | 993,721            | 993,721            | 993,721             | 993,721                            | 993,721                          | -                                             | 0%                                                                |                                                                                         |
| 4416 Other Ins Charges               | 143,539           | 276,193            | 276,193            | 276,193             | 276,193                            | 276,193                          | -                                             | 0%                                                                |                                                                                         |
| 4428 Prop/Fire Insurance             | 749,208           | 715,466            | 715,466            | 715,466             | 715,466                            | 715,466                          | -                                             | 0%                                                                |                                                                                         |
| 4431 Pub Officials Liab              | 3,531             | 3,701              | 3,701              | 3,701               | 3,701                              | 3,701                            | -                                             | 0%                                                                |                                                                                         |
| 5401 Purchases                       | 1,563,863         | 1,800,000          | 1,800,000          | 1,799,999           | -                                  | 1,800,000                        | -                                             | 0%                                                                | Utilities pipe yard inventory                                                           |
| 5404 Issues                          | (1,076,446)       | (1,800,000)        | (1,800,000)        | (1,800,000)         | -                                  | (1,800,000)                      | -                                             | 0%                                                                | Utilities pipe yard inventory                                                           |
| 5604 Writeoff A/R & Other            | (119,880)         | 390,000            | 390,000            | 390,000             | 390,000                            | 390,000                          | -                                             | 0%                                                                |                                                                                         |
| <b>Operating Expenses</b>            | <b>25,143,794</b> | <b>22,016,067</b>  | <b>22,056,067</b>  | <b>22,023,725</b>   | <b>22,044,665</b>                  | <b>17,976,950</b>                | <b>(4,039,117)</b>                            | <b>(18%)</b>                                                      |                                                                                         |
| 7101 Bond Principal                  | 28,309,275        | 31,322,937         | 31,322,937         | 31,322,937          | 31,327,409                         | 31,327,409                       | 4,472                                         | 0%                                                                |                                                                                         |
| <b>Debt Service</b>                  | <b>28,309,275</b> | <b>31,322,937</b>  | <b>31,322,937</b>  | <b>31,322,937</b>   | <b>31,327,409</b>                  | <b>31,327,409</b>                | <b>4,472</b>                                  | <b>0%</b>                                                         |                                                                                         |
| <b>Division Total</b>                | <b>56,028,377</b> | <b>56,381,380</b>  | <b>56,406,380</b>  | <b>56,111,038</b>   | <b>56,137,450</b>                  | <b>52,006,155</b>                | <b>(4,375,225)</b>                            | <b>-8%</b>                                                        |                                                                                         |

# Public Works Department Central Regional Wastewater Fund





# Public Works - Central Regional Wastewater Fund

## Departmental Financial Summary

| Financial Summary - Funding Source     |                   |                    |                    |                     |                                  |                                  |                                   |                       |
|----------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
|                                        | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
| Central Regional Wastewater Fund - 451 | \$ 22,362,132     | 21,661,250         | 21,878,787         | 21,558,386          | 21,781,698                       | 20,423,950                       | (1,237,300)                       | (5.7%)                |
| <b>Total Funding</b>                   | <b>22,362,132</b> | <b>21,661,250</b>  | <b>21,878,787</b>  | <b>21,558,386</b>   | <b>21,781,698</b>                | <b>20,423,950</b>                | <b>(1,237,300)</b>                | <b>(5.7%)</b>         |

| Financial Summary - Program Expenditures |                   |                    |                    |                     |                                  |                                  |                                   |                       |
|------------------------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
|                                          | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
| Treatment                                | 22,362,132        | 21,661,250         | 21,878,787         | 21,558,386          | 21,781,698                       | 20,423,950                       | (1,237,300)                       | (5.7%)                |
| <b>Total Expenditures</b>                | <b>22,362,132</b> | <b>21,661,250</b>  | <b>21,878,787</b>  | <b>21,558,386</b>   | <b>21,781,698</b>                | <b>20,423,950</b>                | <b>(1,237,300)</b>                | <b>(5.7%)</b>         |

| Financial Summary - Category Expenditures |                      |                    |                    |                     |                                  |                                  |                                   |                       |
|-------------------------------------------|----------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
|                                           | FY 2018<br>Actual    | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
| Personal Services                         | 2,832,491            | 3,254,252          | 3,254,252          | 3,036,339           | 3,374,465                        | 3,420,066                        | 165,814                           | 5.1%                  |
| Operating Expenses                        | 14,704,368           | 13,104,811         | 13,322,348         | 13,181,901          | 13,280,919                       | 11,700,870                       | (1,403,941)                       | (10.7%)               |
| Capital Outlay                            | 903,672              | 376,700            | 376,700            | 414,659             | 200,000                          | 376,700                          | -                                 | 0.0%                  |
| Debt Services                             | 3,921,601            | 4,925,487          | 4,925,487          | 4,925,487           | 4,926,314                        | 4,926,314                        | 827                               | 0.0%                  |
| <b>Total Expenditures</b>                 | <b>\$ 22,362,132</b> | <b>21,661,250</b>  | <b>21,878,787</b>  | <b>21,558,386</b>   | <b>21,781,698</b>                | <b>20,423,950</b>                | <b>(1,237,300)</b>                | <b>(5.7%)</b>         |
| <i>Full Time Equivalents (FTEs)</i>       | <i>37.0</i>          | <i>37.0</i>        | <i>37.0</i>        | <i>37.0</i>         | <i>37.0</i>                      | <i>37.0</i>                      | <i>-</i>                          | <i>0.0%</i>           |

### FY 2020 Major Variances

#### Operating Expenses

|                                                                   |                |
|-------------------------------------------------------------------|----------------|
| Decrease in Return on Investment (ROI) paid to the General Fund   | \$ (1,036,517) |
| Decrease in electricity based on FY 2018 usage                    | (254,700)      |
| Decrease in one-time equipment repair and maintenance             | (420,000)      |
| Increase in Public Works administrative service charge            | 133,424        |
| Increase in water/sewer/stormwater charges based on FY 2018 usage | 84,342         |



# Descriptions & Line Items By Division







## Central Regional Wastewater Fund - Revenues

| Subobject                        | FY 2018 Actual    | FY 2019 Adopted   | FY 2019 Amended   | FY 2019 Estimate  | FY 2020 Department Requested | FY 2020 Budget Recommended | FY 2019 Adopted vs. FY 2020 Recommended | FY 2019 Adopted vs. FY 2020 Recommended (% Different) | Basis of Revenues                                                                        |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|------------------------------|----------------------------|-----------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------|
| J304 Fort Lauderdale             | 27,050,367        | 29,454,374        | 29,454,374        | 29,454,374        | 29,771,480                   | 29,771,480                 | 317,106                                 | 1%                                                    | FY20 based on 3 yr average flow multiplied by the current rate (\$2.48 x 12,004,629,150) |
| J306 Oakland Park                | 4,684,932         | 4,318,656         | 4,318,656         | 4,318,656         | 4,613,419                    | 4,613,419                  | 294,763                                 | 7%                                                    | FY20 based on 3 yr average flow multiplied by the current rate (\$2.48 x 1,860,249,453)  |
| J310 Tamarac                     | 184,772           | 188,132           | 188,132           | 188,132           | 185,524                      | 185,524                    | (2,608)                                 | -1%                                                   | FY20 based on 3 yr average flow multiplied by the current rate (\$2.48 x 74,807,930)     |
| J311 Davie                       | 43,816            | 56,924            | 56,924            | 56,924            | 49,453                       | 49,453                     | (7,471)                                 | -13%                                                  | FY20 based on 3 yr average flow multiplied by the current rate (\$2.48 x 19,940,810)     |
| J312 Wilton Manors               | 964,746           | 1,563,122         | 1,563,122         | 1,563,122         | 1,113,432                    | 1,113,432                  | (449,690)                               | -29%                                                  | FY20 based on 3 yr average flow multiplied by the current rate (\$2.48 x 448,964,667)    |
| N103 Earn-Pooled Investments     | 378,524           | 347,456           | 347,456           | 347,456           | 347,456                      | 476,861                    | 129,405                                 | 37%                                                   |                                                                                          |
| N404 Vehicle Sale Proceeds       | 69,941            | -                 | -                 | 36,150            | -                            | -                          | -                                       | 0%                                                    |                                                                                          |
| N572 P/W/Other-Interfund Svc Chg | 6,183             | -                 | -                 | -                 | -                            | -                          | -                                       | 0%                                                    |                                                                                          |
| N900 Miscellaneous Income        | -                 | 500               | 500               | 500               | -                            | -                          | (500)                                   | -100%                                                 |                                                                                          |
| <b>Total</b>                     | <b>33,383,281</b> | <b>35,929,164</b> | <b>35,929,164</b> | <b>35,965,314</b> | <b>36,080,764</b>            | <b>36,210,169</b>          | <b>281,005</b>                          | <b>1%</b>                                             |                                                                                          |

# Treatment - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                      |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | 1,711,252         | 2,096,529          | 2,096,529          | 1,921,647           | 2,196,845                          | 2,230,639                        | 134,110                                          | 6%                                                                |                                                                                                                                                                                       |
| 1110 Sick Conv to Cash               | 1,454             | -                  | -                  | 1,856               | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1113 Vac Mgmt Conv                   | 905               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1116 Comp Absences                   | 18,375            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1119 Payroll Accrual                 | 1,542             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1199 Other Reg Salaries              | -                 | 17,688             | 17,688             | 17,688              | -                                  | -                                | (17,688)                                         | (100%)                                                            |                                                                                                                                                                                       |
| 1201 Longevity Pay                   | 29,713            | 18,659             | 18,659             | 15,359              | 15,359                             | 15,359                           | (3,300)                                          | (18%)                                                             |                                                                                                                                                                                       |
| 1204 Longevity Accr                  | (7,765)           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1304 Assignment Pay                  | 9,000             | 9,788              | 9,788              | 12,645              | -                                  | -                                | (9,788)                                          | (100%)                                                            |                                                                                                                                                                                       |
| 1310 Shift Differential              | 6,030             | 5,747              | 5,747              | 7,345               | 5,850                              | 5,850                            | 103                                              | 2%                                                                |                                                                                                                                                                                       |
| 1316 Upgrade Pay                     | 62                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1401 Car Allowances                  | -                 | -                  | -                  | 13,400              | 16,080                             | 16,080                           | 16,080                                           | 0%                                                                |                                                                                                                                                                                       |
| 1407 Expense Allowances              | 4,320             | 5,760              | 5,760              | 960                 | -                                  | -                                | (5,760)                                          | (100%)                                                            |                                                                                                                                                                                       |
| 1413 Cellphone Allowance             | 4,080             | 4,080              | 4,080              | 4,671               | 4,560                              | 4,560                            | 480                                              | 12%                                                               |                                                                                                                                                                                       |
| 1501 Overtime 1.5X Pay               | 105,349           | 113,568            | 113,568            | 106,847             | 119,246                            | 119,246                          | 5,678                                            | 5%                                                                |                                                                                                                                                                                       |
| 1504 Overtime 1X Pay                 | 1,202             | 3,276              | 3,276              | -                   | 3,440                              | 3,440                            | 164                                              | 5%                                                                |                                                                                                                                                                                       |
| 1707 Sick Termination Pay            | 15,883            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1710 Vacation Term Pay               | 19,818            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 1801 Core Adjustments                | -                 | 14,500             | 14,500             | -                   | -                                  | -                                | (14,500)                                         | (100%)                                                            |                                                                                                                                                                                       |
| 2119 Wellness Incentives             | 500               | -                  | -                  | -                   | -                                  | 7,000                            | 7,000                                            | 0%                                                                |                                                                                                                                                                                       |
| 2204 Pension - General Emp           | 176,155           | 140,047            | 140,047            | 140,047             | 128,433                            | 128,435                          | (11,612)                                         | (8%)                                                              |                                                                                                                                                                                       |
| 2299 Pension - Def Cont              | 89,168            | 124,999            | 124,999            | 105,268             | 134,904                            | 136,981                          | 11,982                                           | 10%                                                               |                                                                                                                                                                                       |
| 2301 Soc Sec/Medicare                | 138,944           | 165,534            | 165,534            | 154,529             | 169,680                            | 172,268                          | 6,734                                            | 4%                                                                |                                                                                                                                                                                       |
| 2307 Year End FICA Accr              | 363               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 1,437                            | 1,437                                            | 0%                                                                |                                                                                                                                                                                       |
| 2404 Health Insurance                | 280,105           | 298,492            | 298,492            | 298,492             | 344,483                            | 344,483                          | 45,991                                           | 15%                                                               |                                                                                                                                                                                       |
| 2410 Workers' Comp                   | 69,405            | 91,866             | 91,866             | 91,866              | 91,866                             | 91,866                           | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 9237 Transfer To Special Obligations | 156,631           | 143,719            | 143,719            | 143,719             | 143,719                            | 142,422                          | (1,297)                                          | (1%)                                                              |                                                                                                                                                                                       |
| <b>Personal Services</b>             | <b>2,832,491</b>  | <b>3,254,252</b>   | <b>3,254,252</b>   | <b>3,036,339</b>    | <b>3,374,465</b>                   | <b>3,420,066</b>                 | <b>165,814</b>                                   | <b>5%</b>                                                         |                                                                                                                                                                                       |
| 3101 Acct & Auditing                 | 2,000             | 212,900            | 212,900            | 212,900             | 212,900                            | 210,900                          | (2,000)                                          | (1%)                                                              | Funding for external auditors to monitor capital projects.                                                                                                                            |
| 3198 Backflow Program                | -                 | 5,045              | 5,045              | 5,045               | 5,045                              | 5,045                            | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 3199 Other Prof Serv                 | 91,842            | 220,100            | 407,637            | 407,637             | 216,100                            | 201,500                          | (18,600)                                         | (8%)                                                              | Consultant Services for permitting, Engineering Task Orders, Professional Services for upgrades, Sustainability Environmental Management Services, and other various contractor work. |
| 3201 Ad/Marketing                    | 129               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 3216 Costs/Fees/Permits              | 8,257             | 15,549             | 15,549             | 15,549              | 15,549                             | 13,100                           | (2,449)                                          | (16%)                                                             | Permit and State License Fees, including Storage Tank and Repump permits.                                                                                                             |
| 3228 Disposal (Tip) Fees             | 45,781            | 57,500             | 57,500             | 81,000              | 54,500                             | 55,500                           | (2,000)                                          | (3%)                                                              | Disposal of grit, rags, trash and lift station debris by City vehicles to landfill.                                                                                                   |
| 3231 Food Services                   | 399               | 400                | 400                | 400                 | 400                                | 400                              | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 3237 Lawn & Tree Service             | 34,708            | 31,860             | 31,860             | 36,495              | 31,860                             | 36,000                           | 4,140                                            | 13%                                                               | Funding to maintain the GTL wellfield site.                                                                                                                                           |
| 3252 Sludge Disposal                 | 1,950,827         | 1,950,000          | 1,950,000          | 1,950,000           | 1,950,000                          | 1,950,000                        | -                                                | 0%                                                                | Funding to contract sludge hauling.                                                                                                                                                   |
| 3255 Solid Waste Collections         | 69,789            | 83,010             | 83,010             | 106,500             | 83,010                             | 80,289                           | (2,721)                                          | (3%)                                                              |                                                                                                                                                                                       |
| 3299 Other Services                  | 16,152            | 12,940             | 12,940             | 12,940              | 12,940                             | 12,940                           | -                                                | 0%                                                                | Miscellaneous plumbing contractor work, Pest Control and Cooling Tower Chemical Program.                                                                                              |
| 3304 Office Equip Rent               | 1,131             | 1,560              | 1,560              | 1,560               | 1,560                              | 1,200                            | (360)                                            | (23%)                                                             |                                                                                                                                                                                       |
| 3310 Other Equip Rent                | 13,780            | 17,500             | 17,500             | 16,918              | 17,500                             | 17,500                           | -                                                | 0%                                                                | Hydrogen Peroxide equipment rental.                                                                                                                                                   |
| 3319 Office Space Rent               | 31                | -                  | 30,000             | 8,320               | 30,000                             | 37,000                           | 37,000                                           | 0%                                                                | Ivy Tower rent for W&S Consent Order Office distribution.                                                                                                                             |
| 3404 Components/Parts                | 718,599           | 555,000            | 555,000            | 555,000             | 580,000                            | 580,000                          | 25,000                                           | 5%                                                                | Funding for pumps, valves, replacement parts and other components.                                                                                                                    |
| 3407 Equip Rep & Maint               | 1,233,167         | 520,000            | 520,000            | 520,001             | 520,000                            | 100,000                          | (420,000)                                        | (81%)                                                             | Funding for the repair of pumps and motors.                                                                                                                                           |
| 3425 Bldg Rep Materials              | -                 | 20,000             | 20,000             | 20,000              | 20,000                             | 10,000                           | (10,000)                                         | (50%)                                                             | Funding for small building repair materials.                                                                                                                                          |
| 3428 Bldg Rep & Maint                | 10,698            | 20,000             | 20,000             | 20,000              | 20,000                             | 20,000                           | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 3437 Imp Rep & Maint                 | -                 | 1,000              | 1,000              | 49,495              | 1,000                              | 1,000                            | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 3601 Electricity                     | 2,195,079         | 2,493,900          | 2,493,900          | 2,273,497           | 2,493,900                          | 2,239,200                        | (254,700)                                        | (10%)                                                             |                                                                                                                                                                                       |
| 3613 Special Delivery                | 2,516             | 200                | 200                | 200                 | 345                                | 345                              | 145                                              | 73%                                                               |                                                                                                                                                                                       |
| 3628 Telephone/Cable Tv              | 866               | 900                | 900                | 900                 | 900                                | 900                              | -                                                | 0%                                                                |                                                                                                                                                                                       |
| 3634 Water/Sew/Storm                 | 480,211           | 445,091            | 445,091            | 445,091             | 529,433                            | 529,433                          | 84,342                                           | 19%                                                               |                                                                                                                                                                                       |
| 3701 Chlorine                        | 85,869            | 80,000             | 80,000             | 80,000              | 80,000                             | 80,000                           | -                                                | 0%                                                                | Chlorine used to disinfect treated wastewater and control microbial growth in wells; odor control units.                                                                              |
| 3707 Hydrogen Peroxide               | 559,921           | 410,000            | 410,000            | 410,001             | 385,000                            | 450,000                          | 40,000                                           | 10%                                                               | Chemical used to reduce odors.                                                                                                                                                        |
| 3713 Polymers                        | 221,681           | 230,000            | 230,000            | 230,000             | 230,000                            | 230,000                          | -                                                | 0%                                                                | Used to dewater biosolids.                                                                                                                                                            |

# Treatment - Expenditures

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                              |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 3717 Sodium Hypochlorite   | 1,176             | -                  | -                  | 897                 | 4,000                              | 2,000                            | 2,000                                            | 0%                                                                | Chemical used to reduce odors.                                                                |
| 3718 Sodium Hydroxide      | 1,433             | 10,000             | 10,000             | 10,000              | 13,000                             | 4,000                            | (6,000)                                          | (60%)                                                             | Chemical used to reduce odors.                                                                |
| 3799 Other Chemicals       | 211,825           | 75,000             | 75,000             | 75,000              | 75,000                             | 75,000                           | -                                                | 0%                                                                | Welding gases used in cryogenic plant, liquid oxygen deliveries during plant shutdown.        |
| 3801 Gasoline              | 2,076             | 2,665              | 2,665              | 155                 | 2,665                              | 2,284                            | (381)                                            | (14%)                                                             |                                                                                               |
| 3804 Diesel Fuel           | 17,626            | 6,626              | 6,626              | 237                 | 6,626                              | 1,811                            | (4,815)                                          | (73%)                                                             |                                                                                               |
| 3807 Oil & Lubricants      | 75                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                               |
| 3904 Books & Manuals       | -                 | 200                | 200                | 200                 | 200                                | 200                              | -                                                | 0%                                                                |                                                                                               |
| 3910 Electrical Supplies   | 81,669            | 75,000             | 75,000             | 75,000              | 75,000                             | 75,000                           | -                                                | 0%                                                                | Motors, circuit boards, controllers, actuators, conduit, and wiring.                          |
| 3916 Janitorial Supplies   | 7,223             | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                |                                                                                               |
| 3919 Laboratory Sup        | 3,466             | 1,600              | 1,600              | 5,519               | 1,600                              | 1,600                            | -                                                | 0%                                                                | Lab chemicals, pipettes, plastic sample bottles.                                              |
| 3922 Medical Supplies      | -                 | 100                | 100                | 100                 | 100                                | 100                              | -                                                | 0%                                                                |                                                                                               |
| 3925 Office Equip < \$5000 | 3,068             | 1,975              | 1,975              | 1,975               | 1,975                              | 1,975                            | -                                                | 0%                                                                |                                                                                               |
| 3928 Office Supplies       | 2,364             | 2,250              | 2,250              | 2,250               | 2,250                              | 2,250                            | -                                                | 0%                                                                |                                                                                               |
| 3937 Safety/Train Mat      | 3,852             | 2,000              | 2,000              | 2,000               | 2,000                              | 2,000                            | -                                                | 0%                                                                |                                                                                               |
| 3940 Safety Shoes          | 4,220             | 8,500              | 8,500              | 8,500               | 8,500                              | 8,500                            | -                                                | 0%                                                                |                                                                                               |
| 3946 Tools/Equip < \$5000  | 2,181             | 25,000             | 25,000             | 25,000              | 25,000                             | 10,000                           | (15,000)                                         | (60%)                                                             | Electrical and mechanical tools; nonsparking tools for the Cryogenic Plant.                   |
| 3949 Uniforms              | 10,030            | 7,000              | 7,000              | 7,000               | 7,000                              | 7,000                            | -                                                | 0%                                                                |                                                                                               |
| 3999 Other Supplies        | 30,600            | 24,300             | 24,300             | 24,300              | 24,300                             | 20,000                           | (4,300)                                          | (18%)                                                             | Signs, meeting supplies, operations tools, coatings and machinery lubricants.                 |
| 4101 Certification Train   | 650               | 5,000              | 5,000              | 5,000               | 5,000                              | -                                | (5,000)                                          | (100%)                                                            |                                                                                               |
| 4104 Conferences           | 3,320             | 2,500              | 2,500              | 2,500               | 2,500                              | -                                | (2,500)                                          | (100%)                                                            |                                                                                               |
| 4110 Meetings              | 325               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                               |
| 4113 Memberships/Dues      | -                 | 1,000              | 1,000              | 1,000               | 1,000                              | -                                | (1,000)                                          | (100%)                                                            |                                                                                               |
| 4116 Schools               | 17,432            | 3,128              | 3,128              | 3,128               | 3,128                              | -                                | (3,128)                                          | (100%)                                                            |                                                                                               |
| 4119 Training and Travel   | -                 | -                  | -                  | -                   | -                                  | 12,200                           | 12,200                                           | 0%                                                                |                                                                                               |
| 4213 Retiree Health Bene   | 30,400            | 32,400             | 32,400             | 32,400              | 32,400                             | 33,600                           | 1,200                                            | 4%                                                                |                                                                                               |
| 4304 Indirect Admin Serv   | 572,508           | 552,763            | 552,763            | 552,763             | 614,384                            | 614,384                          | 61,621                                           | 11%                                                               |                                                                                               |
| 4308 Overhead-Fleet        | 12,012            | 12,708             | 12,708             | 12,708              | 12,708                             | 12,708                           | -                                                | 0%                                                                |                                                                                               |
| 4316 ROI Admin Chg         | 4,146,066         | 3,109,550          | 3,109,550          | 3,109,550           | 3,109,550                          | 2,073,033                        | (1,036,517)                                      | (33%)                                                             |                                                                                               |
| 4337 Servchg-Fire          | 998               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                               |
| 4343 Servchg-Info Sys      | 118,218           | 140,155            | 140,155            | 140,155             | 140,155                            | 140,155                          | -                                                | 0%                                                                |                                                                                               |
| 4355 Servchg-Print Shop    | -                 | 300                | 300                | 301                 | 300                                | 300                              | -                                                | 0%                                                                |                                                                                               |
| 4361 Servchg-Pub Works     | 243,224           | 144,895            | 144,895            | 144,895             | 144,895                            | 278,319                          | 133,424                                          | 92%                                                               |                                                                                               |
| 4373 Servchg-Fleet O&M     | 44,196            | 34,699             | 34,699             | 34,699              | 34,699                             | 21,157                           | (13,542)                                         | (39%)                                                             |                                                                                               |
| 4374 Servchg-Non Fleet     | 111               | 5,000              | 5,000              | -                   | 5,000                              | 5,000                            | -                                                | 0%                                                                |                                                                                               |
| 4399 Servchg-Other Funds   | 721,282           | 770,000            | 770,000            | 770,000             | 770,000                            | 770,000                          | -                                                | 0%                                                                |                                                                                               |
| 4401 Auto Liability        | 5,897             | 10,719             | 10,719             | 10,720              | 10,719                             | 10,719                           | -                                                | 0%                                                                |                                                                                               |
| 4407 Emp Proceedings       | 4,941             | 6,897              | 6,897              | 18,073              | 6,897                              | 6,897                            | -                                                | 0%                                                                |                                                                                               |
| 4410 General Liability     | 16,339            | 20,307             | 20,307             | 20,308              | 20,307                             | 20,307                           | -                                                | 0%                                                                |                                                                                               |
| 4416 Other Ins Charges     | 16,998            | 29,243             | 29,243             | 29,243              | 29,243                             | 29,243                           | -                                                | 0%                                                                |                                                                                               |
| 4428 Prop/Fire Insurance   | 623,134           | 591,876            | 591,876            | 591,876             | 591,876                            | 591,876                          | -                                                | 0%                                                                |                                                                                               |
| <b>Operating Expenses</b>  | <b>14,704,368</b> | <b>13,104,811</b>  | <b>13,322,348</b>  | <b>13,181,901</b>   | <b>13,280,919</b>                  | <b>11,700,870</b>                | <b>(1,403,941)</b>                               | <b>(11%)</b>                                                      |                                                                                               |
| 6416 Vehicles              | 655,357           | 176,700            | 176,700            | 176,700             | -                                  | 176,700                          | -                                                | 0%                                                                |                                                                                               |
| 6499 Other Equipment       | 248,315           | 200,000            | 200,000            | 237,959             | 200,000                            | 200,000                          | -                                                | 0%                                                                | Purchase of replacement equipment for GTL (i.e. sludge feed pumps/MAC A motors, valves, etc.) |
| <b>Capital Outlay</b>      | <b>903,672</b>    | <b>376,700</b>     | <b>376,700</b>     | <b>414,659</b>      | <b>200,000</b>                     | <b>376,700</b>                   | <b>-</b>                                         | <b>0%</b>                                                         |                                                                                               |
| 7101 Bond Principal        | 3,921,601         | 4,925,487          | 4,925,487          | 4,925,487           | 4,926,314                          | 4,926,314                        | 827                                              | 0%                                                                |                                                                                               |
| <b>Debt Service</b>        | <b>3,921,601</b>  | <b>4,925,487</b>   | <b>4,925,487</b>   | <b>4,925,487</b>    | <b>4,926,314</b>                   | <b>4,926,314</b>                 | <b>827</b>                                       | <b>0%</b>                                                         |                                                                                               |
| <b>Division Total</b>      | <b>22,362,132</b> | <b>21,661,250</b>  | <b>21,878,787</b>  | <b>21,558,386</b>   | <b>21,781,698</b>                  | <b>20,423,950</b>                | <b>(1,237,300)</b>                               | <b>(6%)</b>                                                       |                                                                                               |



# Public Works Department Sanitation Fund





# Public Works - Sanitation Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2018<br>Adopted<br>vs. FY 2019 | Percent<br>Difference |
|-----------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Sanitation Fund - 409 | \$ 10,717,209     | 11,812,874         | 11,779,374         | 13,126,780          | 15,407,405                       | 15,563,492                       | 3,750,618                         | 31.8%                 |
| <b>Total Funding</b>  | <b>10,717,209</b> | <b>11,812,874</b>  | <b>11,779,374</b>  | <b>13,126,780</b>   | <b>15,407,405</b>                | <b>15,563,492</b>                | <b>3,750,618</b>                  | <b>31.8%</b>          |

### Financial Summary - Program Expenditures

|                           | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2018<br>Adopted<br>vs. FY 2019 | Percent<br>Difference |
|---------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Sanitation                | 10,717,209        | 11,812,874         | 11,779,374         | 13,126,780          | 15,407,405                       | 15,563,492                       | 3,750,618                         | 31.8%                 |
| <b>Total Expenditures</b> | <b>10,717,209</b> | <b>11,812,874</b>  | <b>11,779,374</b>  | <b>13,126,780</b>   | <b>15,407,405</b>                | <b>15,563,492</b>                | <b>3,750,618</b>                  | <b>31.8%</b>          |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual    | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2018<br>Adopted<br>vs. FY 2019 | Percent<br>Difference |
|-------------------------------------|----------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | 571,594              | 679,916            | 646,416            | 566,397             | 687,984                          | 699,279                          | 19,363                            | 2.8%                  |
| Operating Expenses                  | 10,105,629           | 11,132,958         | 11,131,950         | 12,559,375          | 14,719,421                       | 14,719,773                       | 3,586,815                         | 32.2%                 |
| Capital Outlay                      | 39,986               | -                  | 1,008              | 1,008               | -                                | 144,440                          | 144,440                           | 100.0%                |
| <b>Total Expenditures</b>           | <b>\$ 10,717,209</b> | <b>11,812,874</b>  | <b>11,779,374</b>  | <b>13,126,780</b>   | <b>15,407,405</b>                | <b>15,563,492</b>                | <b>3,750,618</b>                  | <b>31.8%</b>          |
| <i>Full Time Equivalents (FTEs)</i> | <i>6.0</i>           | <i>7.0</i>         | <i>7.0</i>         | <i>7.0</i>          | <i>7.0</i>                       | <i>7.0</i>                       | <i>-</i>                          | <i>0.0%</i>           |

#### FY 2020 Major Variances

##### Operating Expenses

|                                                                   |              |
|-------------------------------------------------------------------|--------------|
| Increase in solid waste collection due to change in contract cost | \$ 3,337,300 |
| Decrease in disposal (tip) fees for the City's sanitation program | (22,179)     |
| Increase in services due to new recycling processing contract     | 385,928      |
| Decrease in administrative overhead allocation                    | (123,411)    |

##### Capital Outlay

|                                            |         |
|--------------------------------------------|---------|
| Increase due to one-time vehicle purchases | 144,440 |
|--------------------------------------------|---------|





# Descriptions & Line Items By Division





## Sanitation Fund - Revenues

| Subobject                                     | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Revenues                                                                   |
|-----------------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| J175 Wingate Remediation Fees                 | (170)             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                     |
| J176 Residential Collection Fees              | 16,102,084        | 16,542,762         | 16,542,762         | 16,542,762          | 17,157,773                         | 19,902,176                       | 3,359,414                                        | 20%                                                               | Assumes a 3% increase in FY 2019 and 20% increase in FY20 based on FY 2018 Actuals. |
| J178 Cart Replacement Fees                    | 10,133            | -                  | -                  | 10,000              | 25,963                             | 13,047                           | 13,047                                           | 0%                                                                |                                                                                     |
| J184 Trash Removal Fees                       | 770               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                     |
| J186 Recycling Income                         | 101,695           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                     |
| J189 Palm Frond Fees                          | 74,921            | 75,827             | 75,827             | 75,827              | 74,970                             | 75,827                           | -                                                | 0%                                                                |                                                                                     |
| J284 Write Off Recoveries                     | 2,559             | 5,000              | 5,000              | 5,000               | -                                  | 4,000                            | (1,000)                                          | -20%                                                              |                                                                                     |
| N103 Earn-Pooled Investments                  | 54,410            | 67,187             | 67,187             | 67,187              | 67,187                             | 67,805                           | 618                                              | 1%                                                                |                                                                                     |
| N129 Other Income (Penalty Charges)           | 37,568            | 35,200             | 35,200             | 35,200              | 35,200                             | 35,200                           | -                                                | 0%                                                                |                                                                                     |
| N900 Miscellaneous Income                     | 118,968           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                     |
| N991 Promotional & Educational Pgm - Republic | 30,000            | 30,000             | 30,000             | 30,000              | 30,000                             | 30,000                           | -                                                | 0%                                                                |                                                                                     |
| N992 Contaminated Yard Waste - Loads /Garbage | 2,300             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                     |
| N993 Liquidated Damages - Garbage Contract    | 35,450            | -                  | -                  | 25,515              | -                                  | -                                | -                                                | 0%                                                                |                                                                                     |
| Transfer from the General Fund                | 6,200,000         | 6,100,000          | 6,100,000          | 6,100,000           | 6,900,000                          | 7,400,000                        | -                                                | 0%                                                                | Assumes a 2% increase in Franchise Fee                                              |
| <b>Total Revenue</b>                          | <b>22,770,688</b> | <b>22,855,976</b>  | <b>22,855,976</b>  | <b>22,891,491</b>   | <b>24,291,093</b>                  | <b>27,528,055</b>                | <b>3,372,079</b>                                 | <b>15%</b>                                                        |                                                                                     |

# Sanitation - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                               |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | 307,142           | 426,023            | 426,023            | 362,089             | 459,652                            | 466,724                          | 40,701                                        | 10%                                                               |                                                                                                                                                                                |
| 1110 Sick Conv to Cash               | 1,165             | -                  | -                  | 1,500               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 1113 Vac Mgmt Conv                   | 2,480             | -                  | -                  | 4,907               | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 1116 Comp Absences                   | 68,107            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 1119 Payroll Accrual                 | 249               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 1199 Other Reg Salaries              | -                 | 2,711              | 2,711              | 2,711               | -                                  | -                                | (2,711)                                       | (100%)                                                            |                                                                                                                                                                                |
| 1201 Longevity Pay                   | 4,400             | 4,400              | 4,400              | 4,400               | 4,400                              | 4,400                            | -                                             | 0%                                                                |                                                                                                                                                                                |
| 1204 Longevity Accr                  | 5,268             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 1401 Car Allowances                  | 3,000             | 3,000              | 3,000              | 3,900               | 7,080                              | 7,080                            | 4,080                                         | 136%                                                              |                                                                                                                                                                                |
| 1407 Expense Allowances              | 960               | 2,400              | 2,400              | 960                 | 960                                | 960                              | (1,440)                                       | (60%)                                                             |                                                                                                                                                                                |
| 1413 Cellphone Allowance             | 1,680             | 2,160              | 2,160              | 1,680               | 1,680                              | 1,680                            | (480)                                         | (22%)                                                             |                                                                                                                                                                                |
| 1501 Overtime 1.5X Pay               | 1,028             | 2,555              | 2,555              | 2,555               | 2,683                              | 2,683                            | 128                                           | 5%                                                                |                                                                                                                                                                                |
| 1707 Sick Termination Pay            | 543               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 1801 Core Adjustments                | -                 | 35,500             | 2,000              | 2,000               | -                                  | -                                | (35,500)                                      | (100%)                                                            |                                                                                                                                                                                |
| 2104 Mileage Reimburse               | -                 | -                  | -                  | 6                   | 100                                | 100                              | 100                                           | 0%                                                                |                                                                                                                                                                                |
| 2119 Wellness Incentives             | 500               | -                  | -                  | -                   | -                                  | 1,000                            | 1,000                                         | 0%                                                                |                                                                                                                                                                                |
| 2204 Pension - General Emp           | 33,662            | 19,524             | 19,524             | 19,524              | 19,782                             | 19,777                           | 253                                           | 1%                                                                |                                                                                                                                                                                |
| 2299 Pension - Def Cont              | 18,642            | 29,431             | 29,431             | 21,874              | 31,877                             | 32,367                           | 2,936                                         | 10%                                                               |                                                                                                                                                                                |
| 2301 Soc Sec/Medicare                | 23,157            | 33,576             | 33,576             | 27,155              | 35,499                             | 36,041                           | 2,465                                         | 7%                                                                |                                                                                                                                                                                |
| 2307 Year End FICA Accr              | 5,601             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 301                              | 301                                           | 0%                                                                |                                                                                                                                                                                |
| 2404 Health Insurance                | 48,467            | 74,456             | 74,456             | 74,456              | 80,091                             | 80,091                           | 5,635                                         | 8%                                                                |                                                                                                                                                                                |
| 2407 Unemployment Comp               | -                 | 7,500              | 7,500              | -                   | 7,500                              | 7,500                            | -                                             | 0%                                                                |                                                                                                                                                                                |
| 2410 Workers' Comp                   | 15,612            | 16,644             | 16,644             | 16,644              | 16,644                             | 16,644                           | -                                             | 0%                                                                |                                                                                                                                                                                |
| 9237 Transfer To Special Obligations | 29,931            | 20,036             | 20,036             | 20,036              | 20,036                             | 21,931                           | 1,895                                         | 9%                                                                |                                                                                                                                                                                |
| <b>Personal Services</b>             | <b>571,594</b>    | <b>679,916</b>     | <b>646,416</b>     | <b>566,397</b>      | <b>687,984</b>                     | <b>699,279</b>                   | <b>19,363</b>                                 | <b>3%</b>                                                         |                                                                                                                                                                                |
| 3101 Acct & Auditing                 | 7,183             | 7,183              | 7,183              | 7,183               | 7,183                              | 8,185                            | 1,002                                         | 14%                                                               |                                                                                                                                                                                |
| 3199 Other Prof Serv                 | 123,945           | 32,523             | 32,523             | 32,524              | 35,000                             | 35,000                           | 2,477                                         | 8%                                                                | Funding for financial forecasting and to monitor the Wingate site.                                                                                                             |
| 3201 Ad/Marketing                    | 5,342             | 20,000             | 20,000             | 20,000              | 20,000                             | 20,000                           | -                                             | 0%                                                                | Funding for advertisement and promotional materials.                                                                                                                           |
| 3207 Laundry Services                | -                 | -                  | -                  | 80                  | 100                                | 100                              | 100                                           | 0%                                                                | Funding to wash volunteer safety vest.                                                                                                                                         |
| 3228 Disposal (Tip) Fees             | 2,255,144         | 2,877,979          | 2,877,979          | 2,732,499           | 2,855,776                          | 2,855,800                        | (22,179)                                      | (1%)                                                              | Funding is for disposal (Tip) Fees associated with the City's sanitation program.                                                                                              |
| 3231 Food Services                   | 161               | 500                | 500                | 500                 | 1,500                              | 500                              | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3237 Lawn & Tree Service             | (20,939)          | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3243 Prizes & Awards                 | 30,769            | 37,000             | 37,000             | 37,000              | 37,000                             | 37,000                           | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3255 Solid Waste Collections         | 6,388,654         | 6,433,537          | 6,433,537          | 7,797,525           | 9,770,837                          | 9,770,837                        | 3,337,300                                     | 52%                                                               | Funding for new contract for yard waste, recycling, and trash collection.                                                                                                      |
| 3299 Other Services                  | 135,088           | 288,072            | 288,072            | 467,591             | 674,000                            | 674,000                          | 385,928                                       | 134%                                                              | Funding is for Clean Harbors contract and recycling processing service charges. Recycling processing has increased due to the inability to sell recyclable materials to China. |
| 3319 Office Space Rent               | 12,493            | 13,100             | 13,100             | 13,386              | 13,386                             | 25,800                           | 12,700                                        | 97%                                                               | Office space rent in Ivy Tower.                                                                                                                                                |
| 3404 Components/Parts                | 1,973             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3407 Equip Rep & Maint               | -                 | 150                | 150                | 150                 | -                                  | -                                | (150)                                         | (100%)                                                            |                                                                                                                                                                                |
| 3437 Imp Rep & Maint                 | 6,744             | 10,000             | 10,000             | 10,000              | 10,000                             | 10,000                           | -                                             | 0%                                                                | Funding to maintain the fence around the Wingate site.                                                                                                                         |
| 3516 Printing Serv - Ext             | 1,878             | 4,000              | 4,000              | 4,000               | 4,000                              | 4,000                            | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3628 Telephone/Cable Tv              | 2,286             | 2,200              | 2,200              | 2,200               | 2,200                              | 2,400                            | 200                                           | 9%                                                                |                                                                                                                                                                                |
| 3634 Water/Sew/Storm                 | 13,786            | -                  | -                  | -                   | 15,200                             | 15,200                           | 15,200                                        | 0%                                                                |                                                                                                                                                                                |
| 3799 Other Chemicals                 | -                 | 200                | 200                | 200                 | 200                                | 200                              | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3801 Gasoline                        | 1,830             | 1,125              | 1,125              | 1,125               | 1,125                              | 1,975                            | 850                                           | 76%                                                               |                                                                                                                                                                                |
| 3804 Diesel Fuel                     | 6,591             | 9,942              | 9,942              | 9,942               | 9,942                              | 7,543                            | (2,399)                                       | (24%)                                                             |                                                                                                                                                                                |
| 3907 Data Proc Supplies              | -                 | 500                | 500                | 869                 | 500                                | 500                              | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3925 Office Equip < \$5000           | 217               | 2,677              | 2,677              | 2,677               | 2,677                              | 500                              | (2,177)                                       | (81%)                                                             |                                                                                                                                                                                |
| 3926 Furniture <\$5000               | -                 | 1,500              | 1,500              | 3,082               | 1,500                              | -                                | (1,500)                                       | (100%)                                                            |                                                                                                                                                                                |
| 3928 Office Supplies                 | 2,530             | 1,600              | 1,600              | 1,600               | 1,600                              | 1,600                            | -                                             | 0%                                                                | Funding for general office supplies.                                                                                                                                           |
| 3931 Periodicals & Mag               | 745               | 745                | 745                | 745                 | 745                                | 745                              | -                                             | 0%                                                                |                                                                                                                                                                                |
| 3937 Safety/Train Mat                | -                 | 100                | 100                | 100                 | 100                                | 100                              | -                                             | 0%                                                                |                                                                                                                                                                                |

# Sanitation - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                    |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|
| 3940 Safety Shoes         | 206               | 500                | 500                | 500                 | 500                                | 500                              | -                                             | 0%                                                                |                                                                     |
| 3943 Sanitation Carts     | 182,321           | 346,200            | 345,192            | 337,272             | 340,000                            | 346,150                          | (50)                                          | (0%)                                                              | Funding is to replace yard waste, solid waste, and recycling carts. |
| 3946 Tools/Equip < \$5000 | 303               | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                     |
| 3949 Uniforms             | 185               | 800                | 800                | 800                 | 1,050                              | 1,050                            | 250                                           | 31%                                                               |                                                                     |
| 3999 Other Supplies       | 1,301             | 550                | 550                | 550                 | 1,800                              | 550                              | -                                             | 0%                                                                | Funding for supplies such as grabbers, bags, gloves, vests, etc.    |
| 4101 Certification Train  | 436               | -                  | -                  | -                   | 500                                | -                                | -                                             | 0%                                                                |                                                                     |
| 4104 Conferences          | 3,968             | 3,850              | 3,850              | 3,850               | 3,350                              | -                                | (3,850)                                       | (100%)                                                            |                                                                     |
| 4119 Training and Travel  | -                 | -                  | -                  | -                   | -                                  | 7,000                            | 7,000                                         | 0%                                                                |                                                                     |
| 4113 Memberships/Dues     | 652               | 825                | 825                | 825                 | 825                                | -                                | (825)                                         | (100%)                                                            |                                                                     |
| 4213 Retiree Health Bene  | 7,200             | 6,200              | 6,200              | 6,200               | 6,200                              | 7,200                            | 1,000                                         | 16%                                                               |                                                                     |
| 4299 Other Contributions  | -                 | -                  | -                  | 35,000              | -                                  | -                                | -                                             | 0%                                                                |                                                                     |
| 4304 Indirect Admin Serv  | 392,658           | 410,197            | 410,197            | 410,197             | 286,786                            | 286,786                          | (123,411)                                     | (30%)                                                             |                                                                     |
| 4308 Overhead-Fleet       | 6,398             | 8,224              | 8,224              | 8,224               | 8,224                              | 8,224                            | -                                             | 0%                                                                |                                                                     |
| 4343 Servchg-Info Sys     | 94,991            | 117,886            | 117,886            | 117,886             | 117,886                            | 117,886                          | -                                             | 0%                                                                |                                                                     |
| 4355 Servchg-Print Shop   | 2,009             | 7,500              | 7,500              | 7,500               | 2,137                              | 2,137                            | (5,363)                                       | (72%)                                                             |                                                                     |
| 4361 Servchg-Pub Works    | 229,105           | 240,941            | 240,941            | 240,941             | 240,940                            | 237,153                          | (3,788)                                       | (2%)                                                              |                                                                     |
| 4370 Servchg-Treasury     | 103,656           | 113,575            | 113,575            | 113,575             | 113,575                            | 113,575                          | -                                             | 0%                                                                |                                                                     |
| 4373 Servchg-Fleet O&M    | 21,872            | 23,849             | 23,849             | 23,849              | 23,849                             | 12,349                           | (11,500)                                      | (48%)                                                             |                                                                     |
| 4401 Auto Liability       | 17,067            | 7,146              | 7,146              | 7,146               | 7,146                              | 7,146                            | -                                             | 0%                                                                |                                                                     |
| 4407 Emp Proceedings      | 9,184             | 6,983              | 6,983              | 6,983               | 6,983                              | 6,983                            | -                                             | 0%                                                                |                                                                     |
| 4410 General Liability    | 5,566             | 7,163              | 7,163              | 7,163               | 7,163                              | 7,163                            | -                                             | 0%                                                                |                                                                     |
| 4416 Other Ins Charges    | 2,361             | 82,668             | 82,668             | 82,668              | 82,668                             | 82,668                           | -                                             | 0%                                                                |                                                                     |
| 4428 Prop/Fire Insurance  | 2,002             | 1,898              | 1,898              | 1,898               | 1,898                              | 1,898                            | -                                             | 0%                                                                |                                                                     |
| 4431 Pub Officials Liab   | 392               | 370                | 370                | 370                 | 370                                | 370                              | -                                             | 0%                                                                |                                                                     |
| 5604 Writeoff A/R & Other | 45,376            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                     |
| <b>Operating Expenses</b> | <b>10,105,629</b> | <b>11,132,958</b>  | <b>11,131,950</b>  | <b>12,559,375</b>   | <b>14,719,421</b>                  | <b>14,719,773</b>                | <b>3,586,815</b>                              | <b>32%</b>                                                        |                                                                     |
| 6416 Vehicles             | 39,986            | -                  | 1,008              | 1,008               | -                                  | 144,440                          | 144,440                                       | 100%                                                              |                                                                     |
| <b>Capital Outlay</b>     | <b>39,986</b>     | <b>-</b>           | <b>1,008</b>       | <b>1,008</b>        | <b>-</b>                           | <b>144,440</b>                   | <b>144,440</b>                                | <b>0%</b>                                                         |                                                                     |
| <b>Division Total</b>     | <b>10,717,209</b> | <b>11,812,874</b>  | <b>11,779,374</b>  | <b>13,126,780</b>   | <b>15,407,405</b>                  | <b>15,563,492</b>                | <b>3,750,618</b>                              | <b>32%</b>                                                        |                                                                     |



# Public Works Department Stormwater Fund







# Public Works - Stormwater Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-----------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Stormwater Fund - 470 | \$ 9,013,350      | 9,531,543          | 9,702,543          | 9,307,130           | 9,492,727                        | 10,835,613                       | 1,304,070                         | 13.7%                 |
| <b>Total Funding</b>  | <b>9,013,350</b>  | <b>9,531,543</b>   | <b>9,702,543</b>   | <b>9,307,130</b>    | <b>9,492,727</b>                 | <b>10,835,613</b>                | <b>1,304,070</b>                  | <b>13.7%</b>          |

### Financial Summary - Program Expenditures

|                             | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-----------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Distribution And Collection | 6,477,535         | 7,014,577          | 7,085,577          | 6,850,782           | 6,788,073                        | 7,396,189                        | 381,612                           | 5.4%                  |
| Environmental Resources     | 548,743           | 696,505            | 696,505            | 722,979             | 746,905                          | 748,022                          | 51,517                            | 7.4%                  |
| Dept Support                | 1,987,072         | 1,820,461          | 1,920,461          | 1,733,369           | 1,957,749                        | 2,691,402                        | 870,941                           | 47.8%                 |
| <b>Total Expenditures</b>   | <b>9,013,350</b>  | <b>9,531,543</b>   | <b>9,702,543</b>   | <b>9,307,130</b>    | <b>9,492,727</b>                 | <b>10,835,613</b>                | <b>1,304,070</b>                  | <b>13.7%</b>          |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual   | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020 | Percent<br>Difference |
|-------------------------------------|---------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | 2,823,103           | 3,380,855          | 3,380,855          | 3,119,263           | 3,602,398                        | 3,982,322                        | 601,467                           | 17.8%                 |
| Operating Expenses                  | 4,530,325           | 5,729,346          | 5,900,346          | 5,766,525           | 5,890,329                        | 6,159,572                        | 430,226                           | 7.5%                  |
| Capital Outlay                      | 1,659,922           | 421,342            | 421,342            | 421,342             | -                                | 693,719                          | 272,377                           | 64.6%                 |
| <b>Total Expenditures</b>           | <b>\$ 9,013,350</b> | <b>9,531,543</b>   | <b>9,702,543</b>   | <b>9,307,130</b>    | <b>9,492,727</b>                 | <b>10,835,613</b>                | <b>1,304,070</b>                  | <b>13.7%</b>          |
| <i>Full Time Equivalents (FTEs)</i> | <i>32.0</i>         | <i>37.0</i>        | <i>37.0</i>        | <i>37.0</i>         | <i>37.0</i>                      | <i>39.0</i>                      | <i>2.0</i>                        | <i>5.4%</i>           |

#### FY 2020 Major Variances

##### Personal Services

|                                                                                                             |            |
|-------------------------------------------------------------------------------------------------------------|------------|
| Increase in personal services due to the transfer for two (2) Senior Project Managers from the General Fund | \$ 286,607 |
| Increase in projected salaries and benefits                                                                 | 145,900    |

##### Operating Expenses

|                                                                                           |           |
|-------------------------------------------------------------------------------------------|-----------|
| Decrease in professional services for one-time asset management software implementation   | (125,000) |
| Increase in office space rent expense                                                     | 89,400    |
| Decrease in training expenses associated with new travel and training funding methodology | (53,310)  |
| Increase in Public Works administrative service charge                                    | 559,023   |

##### Capital Outlay

|                                                                     |          |
|---------------------------------------------------------------------|----------|
| Increase in vehicles scheduled to be replaced in FY 2020            | 337,679  |
| Decrease in one-time purchase of sludge container and roll-off ramp | (65,302) |



# **FY 2020 Budget Modification Requests**





# FY 2020 BUDGET MODIFICATION SUMMARY

## Public Works Department - Fund 470

| Priority # | Request Type       | Title of Request                              | # of Pos    | Net Cost          | Page # |
|------------|--------------------|-----------------------------------------------|-------------|-------------------|--------|
| 1          | Program - New      | Pilot Algal Bloom Mitigation Projects/Studies | 0.00        | 50,000            | 111    |
| 2          | Program - New      | Contracted Algal Bloom Response Services      | 0.00        | 100,000           | 112    |
| 3          | Program - New      | Stormwater Pollution Prevention Devices       | 0.00        | 308,200           | 113    |
| 4          | Program - Revised  | Stormstation 1 and 2 Pump Upgrades            | 0.00        | 380,000           | 114    |
| 5          | Capital Outlay New | Stormwater Operations Pontoon Boat            | 0.00        | 96,075            | 116    |
|            |                    |                                               | <b>0.00</b> | <b>\$ 934,275</b> |        |

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 470 Stormwater Operations

Priority No: 1

Title of Request: Pilot Algal Bloom Mitigation Projects/Studies

Request Type: Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

Over the last two (2) years there have been increased algal blooms in the canals throughout the Fort Lauderdale waterways. Due to the similarity and repetitive nature of the City's canal systems, experimental trials may be performed on different canals in an attempt to determine the best acceptable algae bloom response and control methods. City staff are requesting a budget allocation of \$50,000 to conduct research and utilize mechanical, biological, or chemical methods with the proviso that they do no harm to the environment or public using these methods. Experimental methods may also entail laboratory bench testing and research studies through consulting services. City staff would present various methods to management for approval prior to implementation of any actions.

### Performance Measures:

| Measure Type  | Request Description                                                           | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|-------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | No change                                                                     |                |                |                                  |
| Efficiency    | Unknown                                                                       |                |                |                                  |
| Effectiveness | % of waterways with experimental treatments that did not develop algal blooms |                |                |                                  |

### Strategic Connections:

Cylinder: Public Places

Goal: Be a community that finds opportunities and leverages partnerships to create unique,

Objective: Improve access to and enjoyment of our beach, Riverwalk, waterways, parks and open spaces for everyone

Source of Justification: 2035 Vision Plan: Fast Forward Fort Lauderdale

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description          | Index Code | Sub Object | SubObject Title |
|-------------------------------------|-----------------------------|--------------------------|------------|------------|-----------------|
| <input checked="" type="checkbox"/> | 50,000                      | Other Services           | PBS690603  | 3299       | OTHER SERVICES  |
|                                     | <b>\$50,000</b>             | <b>Total Expenditure</b> |            |            |                 |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 470 Stormwater Operations

Priority No: 2

Title of Request: Contracted Algal Bloom Response Services

Request Type: Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

Over the last two (2) years there have been increased algal blooms in the canals throughout the Fort Lauderdale waterways. The Florida Department of Environmental Protection (FDEP) staff are currently in negotiations with consultants/contractors for algal bloom response and mitigation. City staff are requesting a budget allocation of \$100,000 to utilize this contract once it is completed through the State's procurement processes. The state contract is expected to include algal mitigation that may include mechanical, biological, or chemical strategies. The City would piggyback on the State's algal bloom response contract(s) should the need and desire of the Commission warrant such actions.

### Performance Measures:

| Measure Type  | Request Description                                                          | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | No change                                                                    |                |                |                                  |
| Efficiency    | Unknown                                                                      |                |                |                                  |
| Effectiveness | % of algal bloom responded to by contractor that were successfully mitigated |                |                |                                  |

### Strategic Connections:

Cylinder: Public Places

Goal: Be a community that finds opportunities and leverages partnerships to create unique,

Objective: Improve access to and enjoyment of our beach, Riverwalk, waterways, parks and open spaces for everyone

Source of Justification: Commission Annual Action Plan

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description          | Index Code | Sub Object | SubObject Title |
|-------------------------------------|-----------------------------|--------------------------|------------|------------|-----------------|
| <input checked="" type="checkbox"/> | 100,000                     | Other Services           | PBS690603  | 3299       | OTHER SERVICES  |
|                                     | <b>\$100,000</b>            | <b>Total Expenditure</b> |            |            |                 |

Status:



# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 470 Stormwater Operations

Priority No: 3

Title of Request: Stormwater Pollution Prevention Devices

Request Type: Program - New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

These pollution prevention devices are designed to be installed in drainage structures connected to outfall pipes with tidal valves or exfiltration trenches. The devices collect stormwater runoff floatable debris and oils in the drainage structure preventing pollution of City's waterways. In addition, the devices have a visible circular hatch that opens by hand and to allow the inspection of tidal valves without the need to remove the devices from the drainage structures-- as is typically done with alternate products. The circular hatch allows for quicker tidal valve inspections and reduction of operations and maintenance costs. If these devices are not funded, the alternate pollution retardant baffles would not allow for easy inspection of tidal valves; therefore, increasing operations and maintenance costs. These devices have an average cost of \$1,541, which includes installation costs, and the budget modification request is to fund 200 of these devices for outfalls currently having tidal valves.

### Performance Measures:

| Measure Type  | Request Description                                                                                                                    | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | Not meeting National Pollutant Discharge Elimination System (NPDES) requirement, better water quality standards, increased inspections |                |                |                                  |
| Efficiency    | Improved ability to inspect tidal valves                                                                                               |                |                |                                  |
| Effectiveness | Increased efficiency of pollution prevention and maintenance of tidal valves                                                           |                |                |                                  |

### Strategic Connections:

**Cylinder:** Infrastructure

**Goal:** Be a sustainable and resilient community

**Objective:** Reduce flooding and adapt to sea level rise

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description          | Index Code | Sub Object | SubObject Title  |
|-------------------------------------|-----------------------------|--------------------------|------------|------------|------------------|
| <input checked="" type="checkbox"/> | 308,200                     | Components and Parts     | PBS660511  | 3404       | COMPONENTS/PARTS |
|                                     | <b>\$308,200</b>            | <b>Total Expenditure</b> |            |            |                  |

Status:

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 470 Stormwater Operations

Priority No: 4

Title of Request: Stormstation 1 and 2 Pump Upgrades

Request Type: Program - Revised

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

This budget request is to retrofit two (2) pumps and replace two (2) motors at Stormstation 1 (S-1) and retrofit one (1) pump and replace one (1) motor at Stormstation 2 (S-2). The motors being replaced are high energy efficient motors and should help to reduce energy costs. These existing assets have exceeded their useful life expectancy and require replacement. These two stormstations are responsible for draining the downtown area and any equipment failure may impact the level of service.

### Performance Measures:

| Measure Type  | Request Description                                                                                                                                                                                                                                  | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | City owned stormstations are responsible for pumping down the storm system in the downtown area at two point of discharges/outfalls to the New River                                                                                                 |                |                |                                  |
| Efficiency    | The stormstations equipment require repair and/or replacement at intervals in order to maintain the existing operational needs and the level of service to our neighbors                                                                             |                |                |                                  |
| Effectiveness | The stormstations are directly associated to the concerns of flooding as conveyed in the 2014-2017 Neighborhood Survey. Not maintaining both or either of them will result in both increases in the intensity and duration of upland flooding events |                |                |                                  |

### Strategic Connections:

**Cylinder:** Infrastructure

**Goal:** Be a sustainable and resilient community

**Objective:** Proactively maintain our water, wastewater, road and bridge infrastructure

**Source of Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

### Expenditure Amounts:

| One Time Expense                    | Expenditure Amt. Requested: | Job Description                         | Index Code | Sub Object | SubObject Title |
|-------------------------------------|-----------------------------|-----------------------------------------|------------|------------|-----------------|
| <input checked="" type="checkbox"/> | 200,000                     | 2 x 150 Horsepower Motor Stormstation 1 | PBS660511  | 6499       | OTHER EQUIPMENT |
| <input checked="" type="checkbox"/> | 100,000                     | 1 x 150 Horsepower Motor Stormstation 2 | PBS660511  | 6499       | OTHER EQUIPMENT |
| <input checked="" type="checkbox"/> | 50,000                      | 2 x Axial Flow Pump Stormstation 1      | PBS660511  | 6499       | OTHER EQUIPMENT |
| <input checked="" type="checkbox"/> | 30,000                      | 1 x Axial Flow Pump Stormstation 2      | PBS660511  | 6499       | OTHER EQUIPMENT |

|                  |                                 |
|------------------|---------------------------------|
| <b>\$380,000</b> | <b><i>Total Expenditure</i></b> |
|------------------|---------------------------------|

**Status:**

# FY 2020 BUDGET MODIFICATION FORM

## Public Works - 470 Stormwater Operations

Priority No: 5

Title of Request: Stormwater Operations Pontoon Boat

Request Type: Capital Outlay ? New

| New Position(s) Requested: | Position(s) Eliminated: | Change in Part-Time: | Total Change in FTEs: |
|----------------------------|-------------------------|----------------------|-----------------------|
| 0.00                       | 0.00                    | 0.00                 | 0.00                  |

**Basis of justification: Improvement, revenue generating, mandated, cost reduction, workload change. Please state what will be the consequence if this request is not funded?**

This funding request is for the purchase of a 20 feet pontoon boat unit for the Stormwater Operations Section. The boat will come equipped with a davit crane to handle the larger tidal valves that can range in wieght from 300-650 pounds. This section is responsible for the maintenance, cleaning and video inspection of 1,045 outfalls in the City. Approximately 500 outfalls are inspected on an annual basis. The purchase of this boat will add functionality to the section and allow work to be accomplished on the waterside on a monthly basis at a minimum.. Starting in FY19/FY20 Stormwater Operations will be assessing the condition of the outfalls for the Stormwater Masterplan and the Watershed Asset Management Program (WAMP). This purchase would allow the inspection, maintenance, and repair of the outfalls and some tidal valves, installed at the end of the outfalls. This vessel will also improve operations by providing the platform to plug an outfall and making inspections, Closed-Circuit Television (CCTV), and repairs of the upland infrastructure easier. This vessel can also provide the platform to conduct water quality sampling, and implementation of algal bloom mitigation such as chemical, mechanical, or biological strategies.

### Performance Measures:

| Measure Type  | Request Description                                                                                    | FY 2019 Target | FY 2020 Target | FY 2020 Target with Modification |
|---------------|--------------------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------|
| Workload      | Will not complete assignments as required                                                              |                |                |                                  |
| Efficiency    | Will not meet potential amount of workload/output per FTE                                              |                |                |                                  |
| Effectiveness | Will not meet the expected service to stormwater outfalls and tidal valvles installed at some outfalls |                |                |                                  |

### Strategic Connections:

|                          |                                                |
|--------------------------|------------------------------------------------|
| Cylinder:                | Infrastructure                                 |
| Goal:                    | Be a sustainable and resilient community       |
| Objective:               | Reduce flooding and adapt to sea level rise    |
| Source of Justification: | 2035 Vision Plan: Fast Forward Fort Lauderdale |

### Expenditure Amounts:

| One Time Expense         | Expenditure Amt. Requested: | Job Description          | Index Code | Sub Object | SubObject Title     |
|--------------------------|-----------------------------|--------------------------|------------|------------|---------------------|
| <input type="checkbox"/> | 88,575                      | Equipment Purchase       | PBS660511  | 6564       | EQUIPMENT PURCHASES |
| <input type="checkbox"/> | 1,000                       | Service Charge-Non Fleet | PBS660511  | 4374       | SERVCHG-NON FLEET   |
| <input type="checkbox"/> | 5,000                       | Certification Training   | PBS660511  | 4101       | CERTIFICATION TRAIN |
| <input type="checkbox"/> | 1,500                       | Fuel                     | PBS660511  | 3801       | GASOLINE            |
|                          | <b>\$96,075</b>             | <b>Total Expenditure</b> |            |            |                     |

**Status:**

# Descriptions & Line Items By Division





## Stormwater Fund - Revenues

| Subobject                           | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Revenues                                                                                               |
|-------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| J284 Write Off Recoveries           | 16,335            | 9,000              | 9,000              | 11,038              | 9,000                              | 9,000                            | -                                                | 0%                                                                |                                                                                                                 |
| J326 Stormwater Fees                | 13,660,202        | 17,280,000         | 17,280,000         | 16,392,243          | 19,188,000                         | 19,178,924                       | 1,898,924                                        | 11%                                                               | Recommended assumes a 20% increase over the FY 2018 Actuals and another 17% increase for FY2020 (\$2 increase). |
| N103 Earn-Pooled Investments        | 116,343           | 142,648            | 142,648            | 142,648             | 142,648                            | 158,766                          | 16,118                                           | 11%                                                               |                                                                                                                 |
| N129 Other Income (Penalty Charges) | 60,700            | 51,000             | 51,000             | 75,550              | 51,000                             | 51,000                           | -                                                | 0%                                                                |                                                                                                                 |
| N404 Vehicle Sale Proceeds          | 174,850           | -                  | -                  | 58,500              | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                 |
| N552 Engineering-Interfund Svc Chg  | 305,429           | 200,000            | 200,000            | 200,000             | 200,000                            | 200,000                          | -                                                | 0%                                                                | Budgeted in Environmental Resources Division for CIP chargebacks.                                               |
| N572 P/W/Other-Interfund Svc Chg    | 64,425            | 100,000            | 100,000            | 100,000             | 57,216                             | -                                | (100,000)                                        | -100%                                                             |                                                                                                                 |
| <b>Total</b>                        | <b>14,398,284</b> | <b>17,782,648</b>  | <b>17,782,648</b>  | <b>16,979,979</b>   | <b>19,647,864</b>                  | <b>19,597,690</b>                | <b>1,815,042</b>                                 | <b>10%</b>                                                        |                                                                                                                 |



# Distribution and Collection - Expenditures

| Subobject                       | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                                                                   |
|---------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries         | 1,194,084         | 1,598,320          | 1,598,320          | 1,424,118           | 1,747,015                          | 1,773,894                        | 175,574                                          | 11%                                                               |                                                                                                                                                                                                                    |
| 1107 Part Time Salaries         | 280               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1110 Sick Conv to Cash          | 3,289             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1113 Vac Mgmt Conv              | 2,437             | -                  | -                  | 556                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1116 Comp Absences              | 18,498            | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1119 Payroll Accrual            | 1,133             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1199 Other Reg Salaries         | -                 | 11,388             | 11,388             | 11,388              | -                                  | -                                | (11,388)                                         | (100%)                                                            |                                                                                                                                                                                                                    |
| 1201 Longevity Pay              | 24,804            | 20,522             | 20,522             | 20,560              | 20,549                             | 20,549                           | 27                                               | 0%                                                                |                                                                                                                                                                                                                    |
| 1204 Longevity Accr             | (1,314)           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1304 Assignment Pay             | 840               | 914                | 914                | -                   | -                                  | -                                | (914)                                            | (100%)                                                            |                                                                                                                                                                                                                    |
| 1310 Shift Differential         | 390               | 392                | 392                | 390                 | 390                                | 390                              | (2)                                              | (1%)                                                              |                                                                                                                                                                                                                    |
| 1313 Standby Pay                | 37,060            | 33,000             | 33,000             | 33,000              | 32,984                             | 32,984                           | (16)                                             | (0%)                                                              |                                                                                                                                                                                                                    |
| 1316 Upgrade Pay                | 165               | -                  | -                  | 114                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1401 Car Allowances             | 3,000             | 3,000              | 3,000              | 8,900               | 10,080                             | 10,080                           | 7,080                                            | 236%                                                              |                                                                                                                                                                                                                    |
| 1407 Expense Allowances         | 2,000             | 2,880              | 2,880              | 1,600               | 1,440                              | 1,440                            | (1,440)                                          | (50%)                                                             |                                                                                                                                                                                                                    |
| 1413 Cellphone Allowance        | 4,240             | 5,520              | 5,520              | 4,520               | 4,560                              | 4,560                            | (960)                                            | (17%)                                                             |                                                                                                                                                                                                                    |
| 1501 Overtime 1.5X Pay          | 235,075           | 174,720            | 174,720            | 174,720             | 183,456                            | 183,456                          | 8,736                                            | 5%                                                                |                                                                                                                                                                                                                    |
| 1504 Overtime 1X Pay            | 4,253             | 2,184              | 2,184              | 1,334               | 2,293                              | 2,293                            | 109                                              | 5%                                                                |                                                                                                                                                                                                                    |
| 1511 O/T - Unplanned - 1.5X Pay | 144               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1701 Retirement Gifts           | 150               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1707 Sick Termination Pay       | 752               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1710 Vacation Term Pay          | 3,230             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 1801 Core Adjustments           | -                 | -                  | -                  | -                   | -                                  | 286,607                          | 286,607                                          | 0%                                                                | Two positions are being transferred from the General Fund.                                                                                                                                                         |
| 2119 Wellness Incentives        | 500               | -                  | -                  | -                   | -                                  | 4,000                            | 4,000                                            | 0%                                                                |                                                                                                                                                                                                                    |
| 2204 Pension - General Emp      | 217,986           | 174,393            | 174,393            | 174,393             | 185,679                            | 207,082                          | 32,689                                           | 19%                                                               |                                                                                                                                                                                                                    |
| 2299 Pension - Def Cont         | 28,199            | 62,671             | 62,671             | 43,601              | 66,273                             | 67,292                           | 4,621                                            | 7%                                                                |                                                                                                                                                                                                                    |
| 2301 Soc Sec/Medicare           | 110,032           | 126,221            | 126,221            | 129,571             | 135,246                            | 137,307                          | 11,086                                           | 9%                                                                |                                                                                                                                                                                                                    |
| 2307 Year End FICA Accr         | 883               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 2402 Life Insurance             | -                 | -                  | -                  | -                   | -                                  | 1,143                            | 1,143                                            | 0%                                                                |                                                                                                                                                                                                                    |
| 2404 Health Insurance           | 225,191           | 319,139            | 319,139            | 319,139             | 343,942                            | 343,942                          | 24,803                                           | 8%                                                                |                                                                                                                                                                                                                    |
| <b>Personal Services</b>        | <b>2,117,301</b>  | <b>2,535,264</b>   | <b>2,535,264</b>   | <b>2,347,904</b>    | <b>2,733,907</b>                   | <b>3,077,019</b>                 | <b>541,755</b>                                   | <b>21%</b>                                                        |                                                                                                                                                                                                                    |
| 3198 Backflow Program           | -                 | 290                | 290                | 290                 | 290                                | 290                              | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 3199 Other Prof Serv            | 99,365            | 775,125            | 946,125            | 946,124             | 605,000                            | 530,000                          | (245,125)                                        | (32%)                                                             | Funding for asset management software consulting fees and administration.                                                                                                                                          |
| 3201 Ad/Marketing               | -                 | 1,000              | 1,000              | 1,000               | 1,000                              | 1,000                            | -                                                | 0%                                                                | Adopt a Drain Program marketing.                                                                                                                                                                                   |
| 3216 Costs/Fees/Permits         | 3,539             | 2,100              | 2,100              | 2,100               | 2,100                              | 3,025                            | 925                                              | 44%                                                               | Funding for required permits.                                                                                                                                                                                      |
| 3228 Disposal (Tip) Fees        | 78,432            | 136,000            | 136,000            | 136,000             | 136,000                            | 130,000                          | (6,000)                                          | (4%)                                                              | Disposal of grit, rags, trash and debris by City vehicles to landfill.                                                                                                                                             |
| 3231 Food Services              | 288               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 3246 Recreation Prog            | 4                 | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 3255 Solid Waste Collections    | 12,820            | 20,940             | 20,940             | 20,940              | 20,940                             | 15,000                           | (5,940)                                          | (28%)                                                             |                                                                                                                                                                                                                    |
| 3299 Other Services             | 36,734            | 800,000            | 800,000            | 800,000             | 975,125                            | 925,125                          | 125,125                                          | 16%                                                               | Funding is for: \$5,000 - Field Density Tests, \$50,125 - Melrose Drainage Maintenance, \$120,000 - Stormwater Infrastructure Cleaning and Maintenance Services, and \$750,000 - Asset Data Collection & Migration |
| 3301 Heavy Equip Rent           | 280               | 4,000              | 4,000              | 4,000               | 9,000                              | 4,000                            | -                                                | 0%                                                                | Funding for backhoes, excavators and other heavy equipment.                                                                                                                                                        |
| 3310 Other Equip Rent           | 24,217            | 40,000             | 40,000             | 15,858              | 13,000                             | 30,000                           | (10,000)                                         | (25%)                                                             | Funding is for the rental of barricades and other maintenance of traffic equipment.                                                                                                                                |
| 3319 Office Space Rent          | -                 | 7,300              | 7,300              | 6,603               | 34,300                             | -                                | (7,300)                                          | (100%)                                                            | Funding for Office Space rent is included in the department support division.                                                                                                                                      |
| 3404 Components/Parts           | 137,186           | 230,000            | 230,000            | 230,001             | 205,000                            | 205,000                          | (25,000)                                         | (11%)                                                             | Pipe, rock, manholes, grates, ongoing Rock & Grade-Melrose Maintenance, Tidal Valve replacement, etc.                                                                                                              |
| 3407 Equip Rep & Maint          | 15,367            | 7,000              | 7,000              | 7,000               | 7,000                              | 7,000                            | -                                                | 0%                                                                | Funding for equipment repair and maintenance.                                                                                                                                                                      |
| 3428 Bldg Rep & Maint           | -                 | 5,000              | 5,000              | 5,000               | 5,000                              | 5,000                            | -                                                | 0%                                                                | Funding for building repairs and maintenance at the Central Maintenance Shop (CMS).                                                                                                                                |
| 3434 Imp Rep Materials          | 30,520            | 56,000             | 56,000             | 56,000              | 56,000                             | 31,000                           | (25,000)                                         | (45%)                                                             | Funding is used to restore roadways and sidewalks after maintenance and other projects are completed.                                                                                                              |
| 3437 Imp Rep & Maint            | 1,543,086         | 1,200,000          | 1,100,000          | 1,100,000           | 1,200,000                          | 1,200,000                        | -                                                | 0%                                                                | Funding for stormwater operations and engineering projects.                                                                                                                                                        |
| 3601 Electricity                | 51,632            | 43,700             | 43,700             | 19,436              | 43,700                             | 52,669                           | 8,969                                            | 21%                                                               |                                                                                                                                                                                                                    |
| 3613 Special Delivery           | 82                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                                                                                                                    |
| 3628 Telephone/Cable Tv         | 14,789            | 15,700             | 15,700             | 15,700              | 15,700                             | 14,900                           | (800)                                            | (5%)                                                              |                                                                                                                                                                                                                    |
| 3634 Water/Sew/Storm            | 2,307             | 2,899              | 2,899              | 2,899               | 2,544                              | 2,544                            | (355)                                            | (12%)                                                             |                                                                                                                                                                                                                    |
| 3801 Gasoline                   | 5,871             | 20,775             | 20,775             | 20,775              | 20,775                             | 6,467                            | (14,308)                                         | (69%)                                                             |                                                                                                                                                                                                                    |

# Distribution and Collection - Expenditures

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                          |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 3804 Diesel Fuel           | 49,586            | 62,730             | 62,730             | 62,730              | 62,730                             | 56,178                           | (6,552)                                          | (10%)                                                             |                                                                                           |
| 3904 Books & Manuals       | 564               | -                  | -                  | 227                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| 3907 Data Proc Supplies    | 3,013             | -                  | -                  | 135                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| 3910 Electrical Supplies   | (887)             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| 3913 Horticultural Sup     | 21,232            | 66,000             | 66,000             | 66,000              | 55,000                             | 55,000                           | (11,000)                                         | (17%)                                                             | Funding for the restoration of landscapes after repairs and other projects are completed. |
| 3916 Janitorial Supplies   | 24                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| 3925 Office Equip < \$5000 | 5,900             | 4,600              | 4,600              | 4,600               | 3,600                              | 3,600                            | (1,000)                                          | (22%)                                                             |                                                                                           |
| 3928 Office Supplies       | 11,008            | 2,500              | 2,500              | 2,500               | 4,500                              | 2,500                            | -                                                | 0%                                                                |                                                                                           |
| 3937 Safety/Train Mat      | 3,537             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| 3940 Safety Shoes          | 3,261             | 8,250              | 8,250              | 8,250               | 7,750                              | 7,750                            | (500)                                            | (6%)                                                              |                                                                                           |
| 3946 Tools/Equip < \$5000  | 30,420            | 10,000             | 10,000             | 10,000              | 10,000                             | 10,000                           | -                                                | 0%                                                                | Tools and equipment for the division including the Adopt a Drain Program.                 |
| 3949 Uniforms              | 8,632             | 7,050              | 7,050              | 7,050               | 15,000                             | 15,000                           | 7,950                                            | 113%                                                              |                                                                                           |
| 3999 Other Supplies        | 31,726            | 13,500             | 13,500             | 13,500              | 26,500                             | 13,500                           | -                                                | 0%                                                                | Funding for supplies used in stormwater operations.                                       |
| 4101 Certification Train   | 15,368            | 7,800              | 7,800              | 7,800               | 16,500                             | -                                | (7,800)                                          | (100%)                                                            |                                                                                           |
| 4104 Conferences           | 1,559             | 10,000             | 10,000             | 10,000              | 12,500                             | -                                | (10,000)                                         | (100%)                                                            |                                                                                           |
| 4110 Meetings              | 704               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| 4113 Memberships/Dues      | 160               | 1,380              | 1,380              | 1,380               | 1,380                              | -                                | (1,380)                                          | (100%)                                                            |                                                                                           |
| 4116 Schools               | 10,209            | 29,100             | 29,100             | 29,100              | 42,000                             | -                                | (29,100)                                         | (100%)                                                            |                                                                                           |
| 4119 Training and Travel   | -                 | -                  | -                  | -                   | -                                  | 9,600                            | 9,600                                            | 0%                                                                |                                                                                           |
| 4213 Retiree Health Bene   | 14,400            | 16,000             | 16,000             | 16,000              | 16,000                             | 12,000                           | (4,000)                                          | (25%)                                                             |                                                                                           |
| 4308 Overhead-Fleet        | 64,020            | 77,245             | 77,245             | 77,245              | 77,245                             | 77,245                           | -                                                | 0%                                                                |                                                                                           |
| 4355 Servchg-Print Shop    | 863               | -                  | -                  | 553                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| 4361 Servchg-Pub Works     | 92,139            | 144,000            | 144,000            | 144,000             | 121,000                            | -                                | (144,000)                                        | (100%)                                                            | Service charge moved to Support Division.                                                 |
| 4373 Servchg-Fleet O&M     | 243,900           | 229,987            | 229,987            | 229,987             | 229,987                            | 227,475                          | (2,512)                                          | (1%)                                                              |                                                                                           |
| 4374 Servchg-Non Fleet     | 32,455            | -                  | -                  | 753                 | -                                  | -                                | -                                                | 0%                                                                |                                                                                           |
| <b>Operating Expenses</b>  | <b>2,700,312</b>  | <b>4,057,971</b>   | <b>4,128,971</b>   | <b>4,081,536</b>    | <b>4,054,166</b>                   | <b>3,652,868</b>                 | <b>(405,103)</b>                                 | <b>(10%)</b>                                                      |                                                                                           |
| 6416 Vehicles              | 1,579,122         | 356,040            | 356,040            | 356,040             | -                                  | 666,302                          | 310,262                                          | 87%                                                               |                                                                                           |
| 6499 Other Equipment       | 80,800            | 65,302             | 65,302             | 65,302              | -                                  | -                                | (65,302)                                         | (100%)                                                            |                                                                                           |
| <b>Capital Outlay</b>      | <b>1,659,922</b>  | <b>421,342</b>     | <b>421,342</b>     | <b>421,342</b>      | <b>-</b>                           | <b>666,302</b>                   | <b>244,960</b>                                   | <b>58%</b>                                                        |                                                                                           |
| <b>Division Total</b>      | <b>6,477,535</b>  | <b>7,014,577</b>   | <b>7,085,577</b>   | <b>6,850,782</b>    | <b>6,788,073</b>                   | <b>7,396,189</b>                 | <b>381,612</b>                                   | <b>5%</b>                                                         |                                                                                           |

# Environmental Resources - Expenditures

| Subobject                  | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                                                                      |
|----------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries    | 319,401           | 391,582            | 391,582            | 408,859             | 423,918                            | 430,441                          | 38,859                                        | 10%                                                               |                                                                                                                                                                       |
| 1113 Vac Mgmt Conv         | 2,476             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 1119 Payroll Accrual       | 1,711             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 1201 Longevity Pay         | 1,583             | 1,724              | 1,724              | 1,724               | 1,724                              | 1,724                            | -                                             | 0%                                                                |                                                                                                                                                                       |
| 1401 Car Allowances        | -                 | -                  | -                  | 12,500              | 15,000                             | 15,000                           | 15,000                                        | 0%                                                                |                                                                                                                                                                       |
| 1407 Expense Allowances    | 5,760             | 5,760              | 5,760              | 1,200               | -                                  | -                                | (5,760)                                       | (100%)                                                            |                                                                                                                                                                       |
| 1413 Cellphone Allowance   | 1,920             | 1,920              | 1,920              | 2,400               | 2,400                              | 2,400                            | 480                                           | 25%                                                               |                                                                                                                                                                       |
| 2104 Mileage Reimburse     | 343               | -                  | -                  | 234                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 2119 Wellness Incentives   | 1,000             | -                  | -                  | -                   | -                                  | 1,000                            | 1,000                                         | 0%                                                                |                                                                                                                                                                       |
| 2204 Pension - General Emp | -                 | 18,723             | 18,723             | 18,723              | 18,336                             | 18,337                           | (386)                                         | (2%)                                                              |                                                                                                                                                                       |
| 2299 Pension - Def Cont    | 20,339            | 26,472             | 26,472             | 25,888              | 29,143                             | 29,591                           | 3,119                                         | 12%                                                               |                                                                                                                                                                       |
| 2301 Soc Sec/Medicare      | 24,225            | 30,675             | 30,675             | 31,469              | 32,561                             | 33,060                           | 2,385                                         | 8%                                                                |                                                                                                                                                                       |
| 2307 Year End FICA Accr    | 134               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 2402 Life Insurance        | -                 | -                  | -                  | -                   | -                                  | 277                              | 277                                           | 0%                                                                |                                                                                                                                                                       |
| 2404 Health Insurance      | 51,004            | 55,610             | 55,610             | 55,611              | 59,784                             | 59,784                           | 4,174                                         | 8%                                                                |                                                                                                                                                                       |
| <b>Personal Services</b>   | <b>429,896</b>    | <b>532,466</b>     | <b>532,466</b>     | <b>558,608</b>      | <b>582,866</b>                     | <b>591,614</b>                   | <b>59,148</b>                                 | <b>11%</b>                                                        |                                                                                                                                                                       |
| 3199 Other Prof Serv       | 67,620            | 77,940             | 77,940             | 77,940              | 77,940                             | 77,940                           | -                                             | 0%                                                                | Funding for Broward County Water Quality Monitoring, financial forecasting services, and National Pollutant Discharge Elimination System (NPDES) consulting services. |
| 3201 Ad/Marketing          | -                 | 2,500              | 2,500              | 2,500               | 2,500                              | 2,500                            | -                                             | 0%                                                                | Funding for promotional material related to NPDES.                                                                                                                    |
| 3216 Costs/Fees/Permits    | 21,942            | 37,334             | 37,334             | 37,334              | 37,334                             | 24,000                           | (13,334)                                      | (36%)                                                             | Funding for Florida Department of Environmental Protection (FDEP) & National Pollutant Discharge Elimination System (NPDES) permits.                                  |
| 3231 Food Services         | 44                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3299 Other Services        | 1,726             | 5,000              | 5,000              | 5,000               | 5,000                              | 2,000                            | (3,000)                                       | (60%)                                                             |                                                                                                                                                                       |
| 3304 Office Equip Rent     | 200               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3319 Office Space Rent     | -                 | 5,300              | 5,300              | 5,300               | 5,300                              | -                                | (5,300)                                       | (100%)                                                            |                                                                                                                                                                       |
| 3407 Equip Rep & Maint     | 594               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3437 Imp Rep & Maint       | 470               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3799 Other Chemicals       | 185               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3801 Gasoline              | 1,160             | 1,867              | 1,867              | 1,867               | 1,867                              | 1,294                            | (573)                                         | (31%)                                                             |                                                                                                                                                                       |
| 3807 Oil & Lubricants      | 80                | -                  | -                  | -                   | -                                  | 100                              | 100                                           | 0%                                                                |                                                                                                                                                                       |
| 3904 Books & Manuals       | 312               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3925 Office Equip < \$5000 | -                 | -                  | -                  | 204                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3928 Office Supplies       | 20                | 200                | 200                | 358                 | 200                                | 2,000                            | 1,800                                         | 900%                                                              | General office supplies for the division.                                                                                                                             |
| 3937 Safety/Train Mat      | 58                | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 3999 Other Supplies        | 2,442             | 3,400              | 3,400              | 3,400               | 3,400                              | 4,000                            | 600                                           | 18%                                                               | Funding for pollution control devices and mosquito briquettes for River Oaks.                                                                                         |
| 4101 Certification Train   | 2,183             | 12,680             | 12,680             | 12,680              | 12,680                             | -                                | (12,680)                                      | (100%)                                                            |                                                                                                                                                                       |
| 4104 Conferences           | 11,608            | 7,950              | 7,950              | 7,230               | 7,950                              | -                                | (7,950)                                       | (100%)                                                            |                                                                                                                                                                       |
| 4110 Meetings              | 1,485             | -                  | -                  | 689                 | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 4113 Memberships/Dues      | 3,209             | 6,000              | 6,000              | 6,000               | 6,000                              | -                                | (6,000)                                       | (100%)                                                            |                                                                                                                                                                       |
| 4119 Training and Travel   | -                 | -                  | -                  | -                   | -                                  | 12,000                           | 12,000                                        | 0%                                                                |                                                                                                                                                                       |
| 4308 Overhead-Fleet        | 360               | 878                | 878                | 878                 | 878                                | 878                              | -                                             | 0%                                                                |                                                                                                                                                                       |
| 4355 Servchg-Print Shop    | 1,817             | 1,000              | 1,000              | 1,001               | 1,000                              | 1,000                            | -                                             | 0%                                                                |                                                                                                                                                                       |
| 4359 Servchg-Planning      | -                 | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                                                                                                                                       |
| 4373 Servchg-Fleet O&M     | 1,332             | 1,990              | 1,990              | 1,990               | 1,990                              | 1,279                            | (711)                                         | (36%)                                                             |                                                                                                                                                                       |
| <b>Operating Expenses</b>  | <b>118,847</b>    | <b>164,039</b>     | <b>164,039</b>     | <b>164,371</b>      | <b>164,039</b>                     | <b>128,991</b>                   | <b>(35,048)</b>                               | <b>(21%)</b>                                                      |                                                                                                                                                                       |
| 6416 Vehicles              | -                 | -                  | -                  | -                   | -                                  | 27,417                           | 27,417                                        | 0%                                                                |                                                                                                                                                                       |
| <b>Capital Outlay</b>      | <b>-</b>          | <b>-</b>           | <b>-</b>           | <b>-</b>            | <b>-</b>                           | <b>27,417</b>                    | <b>27,417</b>                                 | <b>0%</b>                                                         |                                                                                                                                                                       |
| <b>Division Total</b>      | <b>548,743</b>    | <b>696,505</b>     | <b>696,505</b>     | <b>722,979</b>      | <b>746,905</b>                     | <b>748,022</b>                   | <b>51,517</b>                                 | <b>7%</b>                                                         |                                                                                                                                                                       |

# Dept Support - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019 Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Amended vs.<br>FY 2020<br>Recommended<br>(% Different) | Basis of Expense                               |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|-----------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|
| 1801 Core Adjustments                | -                 | 27,500             | 27,500             | -                   | -                                  | -                                | (27,500)                                      | (100%)                                                            |                                                |
| 2404 Health Insurance                | 16,743            | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                |
| 2410 Workers' Comp                   | 65,337            | 87,449             | 87,449             | 14,575              | 87,449                             | 87,449                           | -                                             | 0%                                                                |                                                |
| 9237 Transfer To Special Obligations | 193,826           | 198,176            | 198,176            | 198,176             | 198,176                            | 226,240                          | 28,064                                        | 14%                                                               |                                                |
| <b>Personal Services</b>             | <b>275,906</b>    | <b>313,125</b>     | <b>313,125</b>     | <b>212,751</b>      | <b>285,625</b>                     | <b>313,689</b>                   | <b>564</b>                                    | <b>0%</b>                                                         |                                                |
| 3101 Acct & Auditing                 | 2,436             | 2,436              | 2,436              | 2,436               | 2,436                              | 3,002                            | 566                                           | 23%                                                               |                                                |
| 3319 Office Space Rent               | 112               | -                  | 100,000            | 13,282              | 100,000                            | 102,000                          | 102,000                                       | 100%                                                              | Funding is for office space rent in Ivy Tower. |
| 3404 Components/Parts                | 450               | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                |
| 3925 Office Equip < \$5000           | 2,406             | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                |
| 4304 Indirect Admin Serv             | 565,888           | 560,556            | 560,556            | 560,556             | 625,344                            | 625,344                          | 64,788                                        | 12%                                                               |                                                |
| 4343 Servchg-Info Sys                | 90,940            | 110,803            | 110,803            | 110,803             | 110,803                            | 110,803                          | -                                             | 0%                                                                |                                                |
| 4361 Servchg-Pub Works               | 395,691           | 391,776            | 391,776            | 391,776             | 391,776                            | 1,094,799                        | 703,023                                       | 179%                                                              |                                                |
| 4370 Servchg-Treasury                | 288,903           | 343,270            | 343,270            | 343,270             | 343,270                            | 343,270                          | -                                             | 0%                                                                |                                                |
| 4401 Auto Liability                  | 20,640            | 44,066             | 44,066             | 44,066              | 44,066                             | 44,066                           | -                                             | 0%                                                                |                                                |
| 4407 Emp Proceedings                 | 3,981             | 5,965              | 5,965              | 5,965               | 5,965                              | 5,965                            | -                                             | 0%                                                                |                                                |
| 4410 General Liability               | 13,162            | 17,563             | 17,563             | 17,563              | 17,563                             | 17,563                           | -                                             | 0%                                                                |                                                |
| 4416 Other Ins Charges               | 13,693            | 30,531             | 30,531             | 30,531              | 30,531                             | 30,531                           | -                                             | 0%                                                                |                                                |
| 4431 Pub Officials Liab              | 392               | 370                | 370                | 370                 | 370                                | 370                              | -                                             | 0%                                                                |                                                |
| 5604 Writeoff A/R & Other            | 312,472           | -                  | -                  | -                   | -                                  | -                                | -                                             | 0%                                                                |                                                |
| <b>Operating Expenses</b>            | <b>1,711,166</b>  | <b>1,507,336</b>   | <b>1,607,336</b>   | <b>1,520,618</b>    | <b>1,672,124</b>                   | <b>2,377,713</b>                 | <b>870,377</b>                                | <b>58%</b>                                                        |                                                |
| <b>Division Total</b>                | <b>1,987,072</b>  | <b>1,820,461</b>   | <b>1,920,461</b>   | <b>1,733,369</b>    | <b>1,957,749</b>                   | <b>2,691,402</b>                 | <b>870,941</b>                                | <b>48%</b>                                                        |                                                |



# Public Works Department Vehicle Rental Fund





# Public Works - Vehicle Rental Fund

## Departmental Financial Summary

### Financial Summary - Funding Source

|                           | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2018<br>Adopted<br>vs. FY 2019 | Percent<br>Difference |
|---------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Vehicle Rental Fund - 583 | \$ 17,822,922     | 21,273,441         | 22,198,441         | 21,739,792          | 21,044,398                       | 19,256,833                       | (2,016,608)                       | (9.5%)                |
| <b>Total Funding</b>      | <b>17,822,922</b> | <b>21,273,441</b>  | <b>22,198,441</b>  | <b>21,739,792</b>   | <b>21,044,398</b>                | <b>19,256,833</b>                | <b>(2,016,608)</b>                | <b>(9.5%)</b>         |

### Financial Summary - Program Expenditures

|                           | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2018<br>Adopted<br>vs. FY 2019 | Percent<br>Difference |
|---------------------------|-------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Fleet Services            | 17,822,922        | 21,273,441         | 22,198,441         | 21,739,792          | 21,044,398                       | 19,256,833                       | (2,016,608)                       | (9.5%)                |
| <b>Total Expenditures</b> | <b>17,822,922</b> | <b>21,273,441</b>  | <b>22,198,441</b>  | <b>21,739,792</b>   | <b>21,044,398</b>                | <b>19,256,833</b>                | <b>(2,016,608)</b>                | <b>(9.5%)</b>         |

### Financial Summary - Category Expenditures

|                                     | FY 2018<br>Actual    | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Request | FY 2020<br>Budget<br>Recommended | FY 2018<br>Adopted<br>vs. FY 2019 | Percent<br>Difference |
|-------------------------------------|----------------------|--------------------|--------------------|---------------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------|
| Personal Services                   | 365,066              | 474,660            | 474,660            | 460,463             | 487,062                          | 495,041                          | 20,381                            | 4.3%                  |
| Operating Expenses                  | 10,591,695           | 12,490,494         | 12,525,494         | 12,081,042          | 12,505,296                       | 11,958,497                       | (531,997)                         | (4.3%)                |
| Capital Outlay                      | 6,866,161            | 8,308,287          | 9,198,287          | 9,198,287           | 8,052,040                        | 6,803,295                        | (1,504,992)                       | (18.1%)               |
| <b>Total Expenditures</b>           | <b>\$ 17,822,922</b> | <b>21,273,441</b>  | <b>22,198,441</b>  | <b>21,739,792</b>   | <b>21,044,398</b>                | <b>19,256,833</b>                | <b>(2,016,608)</b>                | <b>(9.5%)</b>         |
| <i>Full Time Equivalents (FTEs)</i> | <i>5.0</i>           | <i>5.0</i>         | <i>5.0</i>         | <i>5.0</i>          | <i>5.0</i>                       | <i>5.0</i>                       | <i>-</i>                          | <i>0.0%</i>           |

#### FY 2020 Major Variances

##### Operating Expenses

|                                                                                      |              |
|--------------------------------------------------------------------------------------|--------------|
| Decrease in fuel expenses due to change in projected gasoline and diesel prices      | \$ (536,337) |
| Increase in Public Works administrative service charge                               | 58,906       |
| Decrease in data processing supplies due to a decrease in the number of units needed | (60,000)     |

##### Capital Outlay

|                                                                               |             |
|-------------------------------------------------------------------------------|-------------|
| Decrease due to a one-time purchase of the fuel and charging station upgrades | (230,742)   |
| Decrease in vehicles scheduled to be replaced                                 | (1,274,250) |





# Descriptions & Line Items By Division





# Fleet Services - Expenditures

| Subobject                            | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                                                                                  |
|--------------------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1101 Permanent Salaries              | 253,544           | 338,996            | 338,996            | 334,684             | 352,058                            | 357,473                          | 18,477                                           | 5%                                                                |                                                                                                                   |
| 1113 Vac Mgmt Conv                   | 16                | -                  | -                  | -                   | 500                                | -                                | -                                                | 0%                                                                |                                                                                                                   |
| 1116 Comp Absences                   | 3,622             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                   |
| 1119 Payroll Accrual                 | 1,387             | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                   |
| 1401 Car Allowances                  | 3,000             | 3,000              | 3,000              | 3,900               | 4,080                              | 4,080                            | 1,080                                            | 36%                                                               |                                                                                                                   |
| 1407 Expense Allowances              | 2,520             | 3,840              | 3,840              | 3,840               | 3,840                              | 3,840                            | -                                                | 0%                                                                |                                                                                                                   |
| 1413 Cellphone Allowance             | 480               | 480                | 480                | 480                 | 480                                | 480                              | -                                                | 0%                                                                |                                                                                                                   |
| 1501 Overtime 1.5X Pay               | 323               | 1,977              | 1,977              | -                   | 2,076                              | 2,076                            | 99                                               | 5%                                                                |                                                                                                                   |
| 1504 Overtime 1X Pay                 | 146               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                   |
| 1801 Core Adjustments                | -                 | 5,100              | 5,100              | -                   | -                                  | -                                | (5,100)                                          | (100%)                                                            |                                                                                                                   |
| 2119 Wellness Incentives             | 500               | -                  | -                  | -                   | -                                  | 1,000                            | 1,000                                            | 0%                                                                |                                                                                                                   |
| 2204 Pension - General Emp           | 11,973            | 11,650             | 11,650             | 11,650              | 11,693                             | 11,697                           | 47                                               | 0%                                                                |                                                                                                                   |
| 2299 Pension - Def Cont              | 17,371            | 24,956             | 24,956             | 22,646              | 25,840                             | 26,239                           | 1,283                                            | 5%                                                                |                                                                                                                   |
| 2301 Soc Sec/Medicare                | 19,104            | 26,501             | 26,501             | 25,103              | 26,932                             | 27,346                           | 845                                              | 3%                                                                |                                                                                                                   |
| 2307 Year End FICA Accr              | 380               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                   |
| 2402 Life Insurance                  | -                 | -                  | -                  | -                   | -                                  | 231                              | 231                                              | 0%                                                                |                                                                                                                   |
| 2404 Health Insurance                | 39,326            | 45,477             | 45,477             | 45,477              | 46,880                             | 46,880                           | 1,403                                            | 3%                                                                |                                                                                                                   |
| 2410 Workers' Comp                   | 728               | 728                | 728                | 728                 | 728                                | 728                              | -                                                | 0%                                                                |                                                                                                                   |
| 9237 Transfer To Special Obligations | 10,646            | 11,955             | 11,955             | 11,955              | 11,955                             | 12,971                           | 1,016                                            | 8%                                                                |                                                                                                                   |
| <b>Personal Services</b>             | <b>365,066</b>    | <b>474,660</b>     | <b>474,660</b>     | <b>460,463</b>      | <b>487,062</b>                     | <b>495,041</b>                   | <b>20,381</b>                                    | <b>4%</b>                                                         |                                                                                                                   |
| 3101 Acct & Auditing                 | 5,035             | 5,035              | 5,035              | 5,035               | 5,035                              | 5,955                            | 920                                              | 18%                                                               | Accounting & Auditing Fees Charged to Fleet                                                                       |
| 3199 Other Prof Serv                 | 36,088            | 33,400             | 33,400             | 33,400              | 32,588                             | 32,588                           | (812)                                            | (2%)                                                              | Funding for a Fuel Hedging Consultant and Environmental and Sustainability Management System (ESMS) Audit.        |
| 3216 Costs/Fees/Permits              | 33,301            | 25,330             | 25,330             | 25,330              | 20,000                             | 20,000                           | (5,330)                                          | (21%)                                                             | Funding for licenses and permits related to hazardous material management and storage tanks.                      |
| 3222 Custodial Services              | 1,383             | 2,000              | 2,000              | 1,999               | 2,000                              | 2,000                            | -                                                | 0%                                                                |                                                                                                                   |
| 3231 Food Services                   | 71                | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                   |
| 3240 Mgmt/Oper Serv                  | 5,411,403         | 6,023,170          | 6,023,170          | 6,023,170           | 6,028,926                          | 6,028,926                        | 5,756                                            | 0%                                                                | Funding for vehicle maintenance contract services.                                                                |
| 3241 Mgmt/Oper Serv Non Contract     | 760,495           | 681,989            | 681,989            | 681,989             | 780,000                            | 694,402                          | 12,413                                           | 2%                                                                | Funding for maintenance not covered by the vehicle maintenance contract.                                          |
| 3243 Prizes & Awards                 | 681               | 500                | 500                | 500                 | 500                                | 500                              | -                                                | 0%                                                                | Funding for Neighbor Support Night giveaway items.                                                                |
| 3299 Other Services                  | 129               | 200                | 200                | 199                 | 170                                | 170                              | (30)                                             | (15%)                                                             |                                                                                                                   |
| 3304 Office Equip Rent               | 1,891             | 2,295              | 2,295              | 2,339               | 2,295                              | 2,295                            | -                                                | 0%                                                                | Lease for Copier & Color Printer                                                                                  |
| 3316 Building Leases                 | 321,280           | 321,280            | 321,280            | 321,277             | 321,280                            | 321,280                          | -                                                | 0%                                                                | Lease Charges for Fleet Services                                                                                  |
| 3401 Computer Maint                  | 319               | 4,500              | 4,500              | 4,500               | 6,000                              | 4,000                            | (500)                                            | (11%)                                                             | Funding for fuel management program annual maintenance.                                                           |
| 3404 Components/Parts                | 59,698            | 91,500             | 91,500             | 91,501              | 80,037                             | 88,037                           | (3,463)                                          | (4%)                                                              | Funding for CANceivers, fuel pump replacement parts and the replacement of GPS units.                             |
| 3407 Equip Rep & Maint               | 77,759            | 72,287             | 107,287            | 107,287             | 58,299                             | 93,299                           | 21,012                                           | 29%                                                               | Funding is for maintenance of Police motorcycles and repairs and maintenance of fuel stations.                    |
| 3428 Bldg Rep & Maint                | 6,123             | 13,300             | 13,300             | 13,300              | 13,300                             | 5,000                            | (8,300)                                          | (62%)                                                             | Funding for building repairs, signage, and stormwater system cleaning.                                            |
| 3601 Electricity                     | -                 | 16,300             | 16,300             | -                   | 16,300                             | -                                | (16,300)                                         | (100%)                                                            |                                                                                                                   |
| 3613 Special Delivery                | 19                | 100                | 100                | 100                 | 100                                | 100                              | -                                                | 0%                                                                |                                                                                                                   |
| 3628 Telephone/Cable Tv              | 433               | 400                | 400                | 400                 | 400                                | 500                              | 100                                              | 25%                                                               |                                                                                                                   |
| 3801 Gasoline                        | 2,151,105         | 2,571,680          | 2,571,680          | 2,287,278           | 2,571,680                          | 2,242,265                        | (329,415)                                        | (13%)                                                             |                                                                                                                   |
| 3804 Diesel Fuel                     | 1,050,672         | 1,329,403          | 1,329,403          | 1,185,610           | 1,329,403                          | 1,122,481                        | (206,922)                                        | (16%)                                                             |                                                                                                                   |
| 3807 Oil & Lubricants                | 9,548             | 52,250             | 52,250             | 52,250              | 32,250                             | 32,250                           | (20,000)                                         | (38%)                                                             | Funding is used for diesel fuel additives and Diesel Exhaust Fluid (DEF).                                         |
| 3904 Books & Manuals                 | -                 | 200                | 200                | 200                 | -                                  | -                                | (200)                                            | (100%)                                                            |                                                                                                                   |
| 3907 Data Proc Supplies              | -                 | 425,000            | 425,000            | 425,000             | 365,000                            | 365,000                          | (60,000)                                         | (14%)                                                             | Funding for GPS unit license fees.                                                                                |
| 3925 Office Equip < \$5000           | 1,290             | 600                | 600                | 600                 | 350                                | 1,000                            | 400                                              | 67%                                                               |                                                                                                                   |
| 3928 Office Supplies                 | 1,533             | 3,000              | 3,000              | 3,000               | 3,000                              | 3,000                            | -                                                | 0%                                                                |                                                                                                                   |
| 3946 Tools/Equip < \$5000            | 4,727             | 5,030              | 5,030              | 5,030               | 5,030                              | 5,030                            | -                                                | 0%                                                                | Funding for small equipment and tools for the garage.                                                             |
| 3949 Uniforms                        | 22                | 150                | 150                | 150                 | 175                                | 175                              | 25                                               | 17%                                                               | Uniform Shirts for Fleet Services Employees                                                                       |
| 3999 Other Supplies                  | 4,000             | 7,433              | 7,433              | 7,433               | 7,433                              | 7,433                            | -                                                | 0%                                                                | Used to purchase graphic materials used on City Vehicles and Banners for the 100 Best Fleet and Green Fleet Award |
| 4101 Certification Train             | -                 | 1,300              | 1,300              | 1,300               | 500                                | -                                | (1,300)                                          | (100%)                                                            |                                                                                                                   |
| 4104 Conferences                     | 4,016             | 6,087              | 6,087              | 6,087               | 6,087                              | -                                | (6,087)                                          | (100%)                                                            |                                                                                                                   |
| 4107 Investigative Trips             | 495               | 1,500              | 1,500              | 1,500               | 1,500                              | -                                | (1,500)                                          | (100%)                                                            |                                                                                                                   |
| 4110 Meetings                        | 846               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                                                                                   |

# Fleet Services - Expenditures

| Subobject                 | FY 2018<br>Actual | FY 2019<br>Adopted | FY 2019<br>Amended | FY 2019<br>Estimate | FY 2020<br>Department<br>Requested | FY 2020<br>Budget<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended | FY 2019<br>Adopted<br>vs. FY 2020<br>Recommended<br>(% Different) | Basis of Expense                                  |
|---------------------------|-------------------|--------------------|--------------------|---------------------|------------------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------|
| 4113 Memberships/Dues     | 958               | 1,345              | 1,345              | 1,345               | 1,345                              | -                                | (1,345)                                          | (100%)                                                            |                                                   |
| 4116 Schools              | -                 | 200                | 200                | 200                 | 200                                | -                                | (200)                                            | (100%)                                                            |                                                   |
| 4119 Training and Travel  | -                 | -                  | -                  | -                   | -                                  | 9,000                            | 9,000                                            | 0%                                                                |                                                   |
| 4213 Retiree Health Bene  | -                 | 800                | 800                | 800                 | 800                                | -                                | (800)                                            | (100%)                                                            |                                                   |
| 4304 Indirect Admin Serv  | 472,764           | 513,731            | 513,731            | 513,731             | 536,114                            | 536,114                          | 22,383                                           | 4%                                                                |                                                   |
| 4337 Servchg-Fire         | 337               | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                   |
| 4343 Servchg-Info Sys     | 43,256            | 34,967             | 34,967             | 34,967              | 34,967                             | 34,967                           | -                                                | 0%                                                                |                                                   |
| 4355 Servchg-Print Shop   | 65                | 250                | 250                | 250                 | 250                                | 250                              | -                                                | 0%                                                                |                                                   |
| 4361 Servchg-Pub Works    | 6,744             | 6,744              | 6,744              | 6,744               | 6,744                              | 65,650                           | 58,906                                           | 873%                                                              |                                                   |
| 4373 Servchg-Fleet O&M    | 80,148            | 192,177            | 192,177            | 192,178             | 192,177                            | 191,769                          | (408)                                            | (0%)                                                              |                                                   |
| 4401 Auto Liability       | 30,959            | 30,959             | 30,959             | 30,959              | 30,959                             | 30,959                           | -                                                | 0%                                                                |                                                   |
| 4407 Emp Proceedings      | 549               | 549                | 549                | 550                 | 549                                | 549                              | -                                                | 0%                                                                |                                                   |
| 4410 General Liability    | 3,645             | 3,645              | 3,645              | 3,646               | 3,645                              | 3,645                            | -                                                | 0%                                                                |                                                   |
| 4416 Other Ins Charges    | 1,889             | 1,889              | 1,889              | 1,889               | 1,889                              | 1,889                            | -                                                | 0%                                                                |                                                   |
| 4428 Prop/Fire Insurance  | 5,627             | 5,627              | 5,627              | 5,627               | 5,627                              | 5,627                            | -                                                | 0%                                                                |                                                   |
| 4431 Pub Officials Liab   | 392               | 392                | 392                | 392                 | 392                                | 392                              | -                                                | 0%                                                                |                                                   |
| <b>Operating Expenses</b> | <b>10,591,695</b> | <b>12,490,494</b>  | <b>12,525,494</b>  | <b>12,081,042</b>   | <b>12,505,296</b>                  | <b>11,958,497</b>                | <b>(531,997)</b>                                 | <b>(4%)</b>                                                       |                                                   |
| 6401 Communications Equip | 59,471            | 177,840            | 177,840            | 177,840             | -                                  | -                                | (177,840)                                        | (100%)                                                            |                                                   |
| 6404 Computer Equipment   | 104,152           | -                  | -                  | -                   | -                                  | -                                | -                                                | 0%                                                                |                                                   |
| 6416 Vehicles             | 6,601,819         | 7,861,872          | 8,751,872          | 8,751,872           | 8,052,040                          | 6,587,622                        | (1,274,250)                                      | (16%)                                                             | Funding for vehicles scheduled to be replaced.    |
| 6499 Other Equipment      | 100,719           | 268,575            | 268,575            | 268,575             | -                                  | 215,673                          | (52,902)                                         | (20%)                                                             | Funding for mobile equipment for Police vehicles. |
| <b>Capital Outlay</b>     | <b>6,866,161</b>  | <b>8,308,287</b>   | <b>9,198,287</b>   | <b>9,198,287</b>    | <b>8,052,040</b>                   | <b>6,803,295</b>                 | <b>(1,504,992)</b>                               | <b>(18%)</b>                                                      |                                                   |
| <b>Division Total</b>     | <b>17,822,922</b> | <b>21,273,441</b>  | <b>22,198,441</b>  | <b>21,739,792</b>   | <b>21,044,398</b>                  | <b>19,256,833</b>                | <b>(2,016,608)</b>                               | <b>(9%)</b>                                                       |                                                   |

# Community Investment Plan (CIP)





# Special Assessment Fund CIP









# IDLEWYLD/RIVIERA ISLES UNDERGROUNDING OF UTILITIES

## PROJECT#: 11714

**Project Mgr:** Antoinette Butler x3714  
**Department:** Public Works  
**Fund:** 319 Special Assessments  
**District:** ☐ I ☐ II ☐ III ☐ IV  
**Address:** Las Olas Blvd & Flamingo Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for the undergrounding of overhead utilities (power, telephone, cable television, etc.) for the Idlewyld and Riviera Isles neighborhoods.

**Justification:** City Commission approved an ordinance which establishes a process for communities to follow in order to underground their overhead utilities and creates a mechanism for the benefited community to pay the cost of undergrounding through special assessment (ordinance C-10-12).

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                    | USAGE | AVAILABLE \$   | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------|-------|----------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Special Assessments   CONSTRUCTION</i> |       |                |                  |         |         |         |         |                             |                  |
| 319                                       | 6599  | \$3,600        | \$147,769        |         |         |         |         |                             | \$151,369        |
| Total Fund 319:                           |       | \$3,600        | \$147,769        |         |         |         |         |                             | \$151,369        |
| <b>GRAND TOTAL:</b>                       |       | <b>\$3,600</b> | <b>\$147,769</b> |         |         |         |         |                             | <b>\$151,369</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

### Comments:

### Cost Estimate Justification:

City Commission approved an ordinance (CAM 13-1029) which established a process for communities to follow in order to underground their overhead utilities and create a mechanism for the benefited community to pay the cost of undergrounding through a special assessment. (Ordinance No. C-10-12)

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## LAS OLAS ISLES UNDERGROUNDING UTILITIES

### PROJECT#: 11715

**Project Mgr:** Antoinette Butler x3714  
**Department:** Public Works  
**Fund:** 319 Special Assessments  
**District:** ☐ I ☐ II ☐ III ☐ IV  
**Address:** Mola Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the undergrounding of overhead utilities (power, telephone, cable television, etc.) for the Las Olas Isles neighborhood (approximately 313 homes).

**Justification:** City Commission approved an ordinance which establishes a process for communities to follow in order to underground their overhead utilities and creates a mechanism for the benefited community to pay the cost of undergrounding through special assessment (ordinance C-10-12).

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                    | USAGE | AVAILABLE \$   | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------|-------|----------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Special Assessments   CONSTRUCTION</i> |       |                |                  |         |         |         |         |                             |                  |
| 319                                       | 6599  | \$3,600        | \$148,731        |         |         |         |         |                             | \$152,331        |
| Total Fund 319:                           |       | \$3,600        | \$148,731        |         |         |         |         |                             | \$152,331        |
| <b>GRAND TOTAL:</b>                       |       | <b>\$3,600</b> | <b>\$148,731</b> |         |         |         |         |                             | <b>\$152,331</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

#### Comments:

#### Cost Estimate Justification:

City Commission approved an ordinance (CAM 13-1029) which established a process for communities to follow in order to underground their overhead utilities and create a mechanism for the benefited community to pay the cost of undergrounding through a special assessment. (Ordinance No. C-10-12)

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## SEVEN ISLES UNDERGROUNDING OF UTILITIES

**PROJECT#: 11716**

**Project Mgr:** Antoinette Butler x3714  
**Department:** Public Works  
**Fund:** 319 Special Assessments  
**District:** ☐ I ☐ II ☐ III ☐ IV  
**Address:** Las Olas & Seven Isles drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the undergrounding of overhead utilities (power, telephone, cable television, etc.) for the Seven Isles neighborhood (approximately 332 homes).

**Justification:** City Commission approved an ordinance which establishes a process for communities to follow in order to underground their overhead utilities and creates a mechanism for the benefited community to pay the cost of undergrounding through special assessment (ordinance C-10-12).

**Source Of the Justification:** Press Forward Fort Lauderdale 2018, A Five-Year Strategic Plan

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                    | USAGE | AVAILABLE \$   | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|-------------------------------------------|-------|----------------|------------------|---------|---------|---------|---------|-----------------------|------------------|
| <i>Special Assessments   CONSTRUCTION</i> |       |                |                  |         |         |         |         |                       |                  |
| 319                                       | 6599  | \$3,600        | \$148,379        |         |         |         |         |                       | \$151,979        |
| Total Fund 319:                           |       | \$3,600        | \$148,379        |         |         |         |         |                       | \$151,979        |
| <b>GRAND TOTAL:</b>                       |       | <b>\$3,600</b> | <b>\$148,379</b> |         |         |         |         |                       | <b>\$151,979</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

### Cost Estimate Justification:

City Commission approved an ordinance (CAM 13-1029) which established a process for communities to follow in order to underground their overhead utilities and create a mechanism for the benefited community to pay the cost of under-grounding through a special assessment. (Ordinance No. C-10-12)

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



# General Fund CIP







## SEVEN ISLES SEAWALL IMPROVEMENTS

### PROJECT#: 11968

**Project Mgr:** Dronix Suarez x6982  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** SE 23 Avenue & Las Olas Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The existing seawall is constructed of rubble rock, capped with a 6-inch by 18-inch wide reinforced concrete cap. During high tides, the seawall is submerged and the sea water flows over the seawall causing the neighborhood to be flooded. To alleviate this, the City proposes to increase, per the City of Fort Lauderdale Code section 47-19.3, the seawall elevation above the 5.5 feet National Geodetic Vertical Datum elevation.

**Justification:** The increase in the seawall elevation will prevent flooding during high tides. Preventing flooding will protect homes, streets, landscaping, and infrastructures.

**Source Of the Justification:** Sustainability Action Plan

**Project Type:** Seawalls

#### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6501  | \$(20,063)   |         |         |         |         |         | \$30,164                    | \$(20,063)       |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6534  |              |         |         |         |         |         | \$90,492                    | \$0              |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6599  | \$20,063     |         |         |         |         |         | \$479,996                   | \$20,063         |
| Total Fund 331:                                         |       | \$0          |         |         |         |         |         | \$600,652                   | \$0              |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$0</b>   |         |         |         |         |         | <b>\$600,652</b>            | <b>\$0</b>       |

**Comments:** This project was included in the FY18 - Community Investment Plan as P 11825 (Marine Facilities Maintenance) and FY20170534 (City Owned Seawall Restoration and Replacement).

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Since construction cost were originally based on 2014 and 2015 local and statewide averages, costs were adjusted for annual inflation. The Draft Seawall Master Plan consultant assumed 2% over a five (5) year period. The project manager used an inflation rate of 3% over the appropriate number of years to forecast cost from FY15 to the fiscal year that construction should begin. This project affects parcels all along Las Olas Boulevard.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 2





## BRIDGE RESTORATION

### PROJECT#: 12010

**Project Mgr:** Connie Hayman x5875  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for the restoration of bridges using epoxy coating to restore concrete spalls, cracks, expansion joints, bulkheads, and concrete piles. The work will include replacement of extremely corroded rebars and other maintenance as identified in the Bridge Master Plan.

**Justification:** Most of the bridges have exposed and rusted reinforcement. In time, if these reinforcements are not protected, these bridges will not be able to carry vehicular loads. Restoration consists of protecting these rebars with epoxy coating in order to slow down the deterioration and limit the damages already inflicted on these bridges. Paint coating shall also be applied if it is required on the bridge surface to protect it from hairline cracks not repaired by the epoxy coating.

**Source Of the Justification:** Bridge Master Plan

**Project Type:** Bridge

#### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$     | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6599  | \$1,239,776      | \$100,000        | \$500,000        | \$100,000        | \$100,000        | \$500,000        |                             | \$2,539,776        |
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6501  | \$(222,534)      |                  |                  |                  |                  |                  |                             | \$(222,534)        |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6534  | \$(56,407)       |                  |                  |                  |                  |                  |                             | \$(56,407)         |
| <i>CIP - General Fund   ADMINISTRATION</i>              |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6550  | \$(478)          |                  |                  |                  |                  |                  |                             | \$(478)            |
| <i>CIP - General Fund   LEASES AND RENTALS</i>          |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6551  | \$(1,625)        |                  |                  |                  |                  |                  |                             | \$(1,625)          |
| Total Fund 331:                                         |       | \$958,732        | \$100,000        | \$500,000        | \$100,000        | \$100,000        | \$500,000        |                             | \$2,258,732        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$958,732</b> | <b>\$100,000</b> | <b>\$500,000</b> | <b>\$100,000</b> | <b>\$100,000</b> | <b>\$500,000</b> |                             | <b>\$2,258,732</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budgetary impact.

#### Cost Estimate Justification:

Estimates are directly from consultant's 2014 Bridge Master Plan which outlines deficiencies, recommends repairs, and a cost estimate for short and long term. This project will affect approximately 87,652 parcels of land citywide.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 2



# BRIDGE REPLACEMENT AT SOUTH OCEAN DRIVE

## PROJECT#: 12087

**Project Mgr:** Raymond Nazaire x8954  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** S Ocean Drive & Marion Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the replacement of an existing bridge at South Ocean Drive. The bridge is 80-feet long by 36-feet wide. The City's bridge No. 865775 was built in 1952. The project will be designed with FY15 funding and then will accumulate funding for replacement costs. The City is responsible for maintaining 52 bridges throughout the City. Florida Department of Transportation (FDOT) funded the design of the bridge and the design was complete in 2008. FDOT has not programmed replacement funds in its five year capital program.

**Justification:** The bridge is functionally obsolete and structurally deficient as indicated in a report prepared by Florida Department of Transportation (FDOT).

**Source Of the Justification:** Bridge Master Plan

**Project Type:** Bridge

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$       | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|--------------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                    |                    |         |         |         |         |                             |                    |
| 331                                                     | 6599  | \$1,506,409        | \$1,199,582        |         |         |         |         |                             | \$2,705,991        |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |                    |                    |         |         |         |         |                             |                    |
| 331                                                     | 6534  | \$(25,186)         | \$33,042           |         |         |         |         |                             | \$7,856            |
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                    |                    |         |         |         |         |                             |                    |
| 331                                                     | 6501  | \$102,299          | \$235,200          |         |         |         |         |                             | \$337,499          |
| <i>CIP - General Fund   ADMINISTRATION</i>              |       |                    |                    |         |         |         |         |                             |                    |
| 331                                                     | 6550  | \$(115)            |                    |         |         |         |         |                             | \$(115)            |
| Total Fund 331:                                         |       | \$1,583,407        | \$1,467,824        |         |         |         |         |                             | \$3,051,231        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$1,583,407</b> | <b>\$1,467,824</b> |         |         |         |         |                             | <b>\$3,051,231</b> |

**Comments:** Task Order with the consultant for this project has been issued and additional funding is needed to complete the bridge replacement.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Recent re-inspections to the bridge by Florida Department of Transportation (FDOT) have shown significant deterioration and this bridge has been down-graded. This bridge is at risk of being closed by FDOT and residents will not be able to get to their homes until the bridge is replaced. This project will affect the following home owner associations: Breakwater Towers, Harbor Beach Property Owners Association and Harbour Inlet Association.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a Pedestrian friendly, multi-modal City

**Objectives:** Improved transportation options and reduce congestion by working with agency partners

### Quarters To Perform Each Task:

**Initiation / Planning:** 3  
**Design / Permitting:** 4  
**Bidding / Award:** 3  
**Construction / Closeout:** 1



## SIDEWALK AND PAVER REPLACEMENT

**PROJECT#: 12134**

**Project Mgr:** Barbara Howell x4505  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is to reconstruct selected concrete sidewalks, curbs, gutters, and pavers in the City's right-of-way and those sidewalks close to schools within the City limits. This project will repair and replace sidewalks and pavers which are trip and fall hazards and those which are the City's responsibility.

**Justification:** The City sidewalks and pavers require repair and replacement to prevent safety hazards and to promote an attractive pedestrian environment. Specific locations for repairs and replacements have been identified based upon a recent inspection.

**Source Of the Justification:** Sustainability Action Plan

**Project Type:** Annual

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$     | FY 2020            | FY 2021            | FY 2022            | FY 2023            | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |                    |                    |                    |                    |                    |                             |                    |
| 331                                                     | 6501  | \$200,000        | \$100,000          | \$100,000          | \$100,000          | \$100,000          | \$100,000          |                             | \$700,000          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |                    |                    |                    |                    |                    |                             |                    |
| 331                                                     | 6599  | \$772,185        | \$900,000          | \$900,000          | \$900,000          | \$900,000          | \$900,000          | \$7,550,000                 | \$5,272,185        |
| Total Fund 331:                                         |       | \$972,185        | \$1,000,000        | \$1,000,000        | \$1,000,000        | \$1,000,000        | \$1,000,000        | \$7,550,000                 | \$5,972,185        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$972,185</b> | <b>\$1,000,000</b> | <b>\$1,000,000</b> | <b>\$1,000,000</b> | <b>\$1,000,000</b> | <b>\$1,000,000</b> | <b>\$7,550,000</b>          | <b>\$5,972,185</b> |

**Comments:** The current available fund balance is from P11762. These funds will be moved into P12134 through a budget amendment.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

A 2014 consultant assessment was conducted to evaluate sidewalk conditions, city-wide. This project affects approximately 400 parcels Citywide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a Pedestrian friendly, multi-modal City

**Objectives:** Integrate transportation land use and planning to create a walkable and bikeable community

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 0  
**Construction / Closeout:** 2



## ANNUAL ASPHALT RESURFACING

### PROJECT#: 12223

**Project Mgr:** Barbara Howell x4505  
**Department:** Public Works  
**Fund:** 332 Gas Tax  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Citywide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for roadway asphalt overlay and/or milling and resurfacing to maintain and improve streets affected by utility work or those streets with a pavement condition index (PCI) score below 55.

**Justification:** Street resurfacing is needed to improve streets affected by utility work and that have a PCI below 55.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Annual

#### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$     | FY 2020          | FY 2021            | FY 2022            | FY 2023            | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 331                                                     | 6599  | \$383,385        | \$55,843         | \$1,045,116        | \$1,388,262        | \$1,870,287        | \$1,440,100        |                             | \$6,182,993        |
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 331                                                     | 6501  | \$(12,593)       |                  |                    |                    |                    |                    |                             | \$(12,593)         |
| Total Fund 331:                                         |       | \$370,792        | \$55,843         | \$1,045,116        | \$1,388,262        | \$1,870,287        | \$1,440,100        |                             | \$6,170,400        |
| <i>Gas Tax   CONSTRUCTION</i>                           |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 332                                                     | 6599  | \$418,126        | \$470,000        | \$470,000          | \$470,000          | \$470,000          | \$470,000          |                             | \$2,768,126        |
| <i>Gas Tax   FORCE CHARGES / ENGINEERING</i>            |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 332                                                     | 6501  | \$19,542         | \$33,115         | \$33,115           | \$33,115           | \$33,115           | \$33,115           |                             | \$185,117          |
| <i>Gas Tax   ADMINISTRATION</i>                         |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 332                                                     | 6550  | \$(397)          |                  |                    |                    |                    |                    |                             | \$(397)            |
| Total Fund 332:                                         |       | \$437,271        | \$503,115        | \$503,115          | \$503,115          | \$503,115          | \$503,115          |                             | \$2,952,846        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$808,063</b> | <b>\$558,958</b> | <b>\$1,548,231</b> | <b>\$1,891,377</b> | <b>\$2,373,402</b> | <b>\$1,943,215</b> |                             | <b>\$9,123,246</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budgetary impact.

#### Cost Estimate Justification:

The asphalt inspection was completed in 2013 and a report of the Pavement Condition Index (PCI) was identified in the report. Funding for 2020 - 2024 is requested to address roadways with PCI in the poor, very poor, and failed conditions. This estimate is based on current contract prices and project and construction management rates. Poinciana Park neighborhood will be resurfaced to restore streets that had utility upgrades including 15,000 linear feet of small water main improvements.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# ADA SIDEWALK INSTALLATION & REPLACEMENT

**PROJECT#: 12244**

**Project Mgr:** Antoinette Butler x3714  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** Various Eligible CDBG Neighborhoods  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the installation and repair of Americans with Disabilities Act (ADA) ramps and associated sidewalk connections in Community Development Block Grant (CDBG) eligible neighborhoods.

**Justification:** City staff has identified numerous existing crosswalks and sidewalk connectors throughout the City that need to be upgraded or installed to make the City's neighborhoods more walkable. City staff has identified approximately 8,625 sq. ft. of sidewalk and 240 ADA ramps that can be installed in qualified neighborhoods.

**Source Of the Justification:** Press Forward Fort Lauderdale 2018, A Five-Year Strategic Plan

**Project Type:** Roadway Improvements

## Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6599  |              |         |         |         |         |         | \$344,000                   | \$0              |
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6501  |              |         |         |         |         |         | \$15,000                    | \$0              |
| Total Fund 331:                                         |       |              |         |         |         |         |         | \$359,000                   | \$0              |
| <b>GRAND TOTAL:</b>                                     |       |              |         |         |         |         |         | <b>\$359,000</b>            | <b>\$0</b>       |

**Comments:**

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

City staff has identified approximately 8,625 sq. ft. of sidewalk and 240 ADA ramps that can be installed in qualified neighborhoods. The average costs are \$1,000 per ADA ramp and \$7/sq. ft. of sidewalk.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a Pedestrian friendly, multi-modal City

**Objectives:** Improve pedestrian, bicyclist and vehicular safety

## Quarters To Perform Each Task:

**Initiation / Planning:** 0

**Design / Permitting:** 0

**Bidding / Award:** 1

**Construction / Closeout:** 3



# BROWARD COUNTY SEGMENT II BEACH NOURISHMENT

## PROJECT#: 12247

**Project Mgr:** Todd Hiteshew x7807  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Hillsboro Inlet and Port Everglades  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project involved placement of beach-compatible sand along 4.9 miles of Broward County coastline between Hillsboro Inlet and Port Everglades (3.54 miles within the City limits). This includes beach nourishment at Pompano Beach and Lauderdale-By-The-Sea, beach restoration at northern Fort Lauderdale (between Flamingo Ave and Terramar St.), and dune construction within the Lauderdale-By-The-Sea and Fort Lauderdale segments.

\$203,490 Hurricane Sandy reimbursement is in full, \$8,378,924 (\$2,792,975 A1A Beach Repairs paid equally over a three year time period) including a \$6,764,404 (\$2,254,801 in Federal Funds reimbursed to the City equally over a three years' time period) commencing October 15, 2016. It is not known when the Federal reimbursement to the City is expected and is not included in the total costs as offsetting revenues.

**Justification:** Broward County Segment II is considered critically eroded and the segment within Fort Lauderdale has never been nourished. A healthy sustainable beach is directly connected to quality of life and the economy. Broward's beaches attract 7.2 million visitors a year who spend \$422 million annually in Broward County. Visitors also contribute \$548 million annually to Broward County's economy, create 17,700 full-time equivalent jobs, and protect over \$4 billion in shorefront structures and infrastructure.

**Source Of the Justification:** Press Forward Fort Lauderdale 2018, A Five-Year Strategic Plan

**Project Type:** Marine

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$       | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------|-------|--------------------|--------------------|---------|---------|---------|---------|-----------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i> |       |                    |                    |         |         |         |         |                       |                    |
| 331                                      | 6599  | \$5,585,950        | \$2,792,975        |         |         |         |         |                       | \$8,378,925        |
| Total Fund 331:                          |       | \$5,585,950        | \$2,792,975        |         |         |         |         |                       | \$8,378,925        |
| <b>GRAND TOTAL:</b>                      |       | <b>\$5,585,950</b> | <b>\$2,792,975</b> |         |         |         |         |                       | <b>\$8,378,925</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

This is aligned with the Press Play Fort Lauderdale 2018, a Five-Year Strategic Plan.

### Strategic Connections:

**Cylinder:** Business Development

**Strategic Goals:** Be a well-positioned City within the global economic and tourism markets of the South Florida region; leveraging our airports, port, and rail connections

**Objectives:** Advance beach resiliency and nourishment

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# WEST LAKE DRIVE BRIDGE RESTORATION

## PROJECT#: 12299

**Project Mgr:** Raymond Nazaire x8954  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** West Lake Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the restoration of West Lake Drive bridge. This 28.9 foot long, single span, pre-stressed concrete slab bridge was constructed in 1964. The bridge has a roadway width of 27.9 feet and carries two (2) lanes of traffic, on an urban collector roadway, in a residential neighborhood. There are 4.5 foot wide sidewalks on each side of the bridge.

**Justification:** This project is a high priority and needs to be ranked for FY20. Florida Department of Transportation (FDOT) issued a bridge deficiency letter indicating significant structural deficiencies needing immediate attention. The bridge is over 50 years old and exceeded the expected 50 year design life associated with design codes from the 1950's. It is not cost effective to strengthen the beams and it is recommended the bridge be replaced. If the bridge is not replaced in a timely manner, it could result in the bridge weight capacity being derated or worse, bridge closure. This bridge is the only way into the Harbor Beach residential community.

**Source Of the Justification:** 2014 Bridge Master Plan

**Project Type:** Bridge

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$     | FY 2020 | FY 2021            | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|------------------|---------|--------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |         |                    |         |         |         |                             |                    |
| 331                                                     | 6501  | \$(9,911)        |         |                    |         |         |         |                             | \$(9,911)          |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |                  |         |                    |         |         |         |                             |                    |
| 331                                                     | 6534  |                  |         | \$290,000          |         |         |         |                             | \$290,000          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |         |                    |         |         |         |                             |                    |
| 331                                                     | 6599  |                  |         | \$2,142,462        |         |         |         |                             | \$2,142,462        |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |         |                    |         |         |         |                             |                    |
| 331                                                     | 6599  | \$350,000        |         |                    |         |         |         |                             | \$350,000          |
| Total Fund 331:                                         |       | \$340,089        |         | \$2,432,462        |         |         |         |                             | \$2,772,551        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$340,089</b> |         | <b>\$2,432,462</b> |         |         |         |                             | <b>\$2,772,551</b> |

**Comments:** FDOT issued letter indicating the bridge has critical deficiencies to the super and substructure requiring prompt corrective action . If not fixed timely, the bridge could result in downgrading weight capacity or closure.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Recent re-inspections to the bridge by Florida Department of Transportation (FDOT) have shown significant deterioration and this bridge has been down-graded. This bridge is at risk of being closed by FDOT and residents will not be able to get to their homes until the bridge is replaced. This project will affect approximately 100 homes.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 4  
**Design / Permitting:** 1  
**Bidding / Award:** 4  
**Construction / Closeout:** 3



# ANNUAL MICROSURFACING

## PROJECT#: 12301

**Project Mgr:** Barbara Howell x4505  
**Department:** Public Works  
**Fund:** 332 Gas Tax  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Citywide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project includes citywide resurfacing of streets based on assessed conditions. The streets identified for resurfacing will be scheduled based on the results of the Pavement Management System study.

**Justification:** If roads are not resurfaced within a life expectancy period, the roads may deteriorate to the point that only replacement can be done. The delay is more costly and takes more time to complete. In FY 2013, the asphalt inspection was completed. This report identified an existing pavement condition index (PCI). The additional funding requested will address the roads which are in fair condition.

**Source Of the Justification:** Sustainability Action Plan

**Project Type:** Annual

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$     | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6501  | \$(165,341)      |                  |                  |                  |                  |                  |                             | \$(165,341)        |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6534  | \$126,900        |                  |                  |                  |                  |                  |                             | \$126,900          |
| <i>CIP - General Fund   ADMINISTRATION</i>              |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6550  | \$(1,025)        |                  |                  |                  |                  |                  |                             | \$(1,025)          |
| <i>CIP - General Fund   PERMITS COSTS</i>               |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6554  | \$(1,123)        |                  |                  |                  |                  |                  |                             | \$(1,123)          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6599  | \$114,303        |                  |                  |                  |                  |                  |                             | \$114,303          |
| Total Fund 331:                                         |       | \$73,714         |                  |                  |                  |                  |                  |                             | \$73,714           |
| <i>Gas Tax   CONSTRUCTION</i>                           |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6599  | \$251,065        | \$300,000        | \$300,000        | \$300,000        | \$300,000        | \$300,000        |                             | \$1,751,065        |
| <i>Gas Tax   FORCE CHARGES / ENGINEERING</i>            |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6501  | \$239,159        | \$15,000         | \$15,000         | \$15,000         | \$15,000         | \$15,000         |                             | \$314,159          |
| <i>Gas Tax   ENGINEERING FEES</i>                       |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6534  | \$202,000        |                  |                  |                  |                  |                  |                             | \$202,000          |
| <i>Gas Tax   ADMINISTRATION</i>                         |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6550  | \$(406)          |                  |                  |                  |                  |                  |                             | \$(406)            |
| Total Fund 332:                                         |       | \$691,818        | \$315,000        | \$315,000        | \$315,000        | \$315,000        | \$315,000        |                             | \$2,266,818        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$765,532</b> | <b>\$315,000</b> | <b>\$315,000</b> | <b>\$315,000</b> | <b>\$315,000</b> | <b>\$315,000</b> |                             | <b>\$2,340,532</b> |

**Comments:** Based on projected Gas Tax revenues contributions.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There are no associated impacts on the operating budget related to the work constructed in this project.

### Cost Estimate Justification:

The asphalt inspection was completed in 2013 and a report of the Pavement Condition Index (PCI) was identified in the report. Funding for FY 2020 is requested to address roadways with pavement condition index (PCI) in fair condition. The estimate is based on current contract prices and project and construction management rates. This affects approximately 300 parcels throughout the City.



| Strategic Connections: |                                                                            | Quarters To Perform Each Task: |    |
|------------------------|----------------------------------------------------------------------------|--------------------------------|----|
| Cylinder:              | Infrastructure                                                             | Initiation / Planning:         | 2  |
| Strategic Goals:       | Be a sustainable and resilient community                                   | Design / Permitting:           | 4  |
|                        |                                                                            | Bidding / Award:               | 0  |
|                        |                                                                            | Construction / Closeout:       | 10 |
| Objectives:            | Proactively maintain our water, wastewater, road and bridge infrastructure |                                |    |



# CITY-OWNED SEAWALL RESTORATION AND REPLACEMENT

## PROJECT#: 12330

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project will address the capital repair and/or replacement of the City-owned seawalls as identified in the proposed Seawall Master Plan (P12212). The repair or replacement efforts will include potential structural modifications to address the challenges associated with sea level rise in addition to the standard capital repairs, rehabilitations, or replacement.

**Justification:** The City owns approximately 3.7 miles of seawalls. Many of these seawalls show signs of deterioration and potential failure. Seawall failure could negatively impact navigation and threaten the stability of soil embankment. As a coastal community, the City must prepare for the impacts of climate change. Expected sea level rise is 6-inch to 10-inches above 1992 mean sea levels by 2030 and 14-inch to 26-inches above 1992 mean sea levels by 2060. To meet community needs for an improved level of service due to a sea level rise and increased storm events, the City must address the current height of seawalls which are insufficient for the higher sea levels expected in the future.

**Source Of the Justification:** Sustainability Action Plan

**Project Type:** Seawalls

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021            | FY 2022          | FY 2023            | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------|-------|--------------|---------|--------------------|------------------|--------------------|---------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i> |       |              |         |                    |                  |                    |         |                             |                    |
| 331                                      | 6599  |              |         | \$1,049,345        | \$839,477        | \$2,660,523        |         | \$2,450,655                 | \$4,549,345        |
| Total Fund 331:                          |       |              |         | \$1,049,345        | \$839,477        | \$2,660,523        |         | \$2,450,655                 | \$4,549,345        |
| <b>GRAND TOTAL:</b>                      |       |              |         | <b>\$1,049,345</b> | <b>\$839,477</b> | <b>\$2,660,523</b> |         | <b>\$2,450,655</b>          | <b>\$4,549,345</b> |

**Comments:** Funds programmed in FY18 were moved to P11968 (Seven Isles Seawall Improvements) in the amount of \$392,975. Future year funds to stay in this project for ranking purposes.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost to replace a seawall factored at \$1,400 per linear foot (LF). Derived from estimated construction cost for Bayview Drive seawall repair and seawall replaced at NE 26th Avenue near the 55th Street Bridge. The cost to repair would be \$700 per LF, which is 50% of the replacement cost. For the seawall only to be capped, a factor of \$95 per LF was used from the E Las Olas Boulevard Southwest Repairs Project. The Construction cost estimate based on 40% of sea wall replacement, 40% repair and

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 1



## ROADWAY REPAIR FACILITY

### PROJECT#: 12447

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 5021 NW 15th Avenue, Fort Lauderdale, FL 33313  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33313

**Description:** This project is for the Design-Build Construction of a new facility (offices and storage) for the roadway repair crew. The work will include site improvements and will be located at 5021 NW 15th Avenue.

**Justification:** The Roadway Repair Crew is a new Public Works section which consists of new staff and vehicles that exceed the current capacity of Public Works facilities. Current City facilities do not have the capacity nor were they designed to store the equipment for this new crew.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** CityFacilities

#### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|--------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |                    |         |         |         |         |                             |                    |
| 331                                                     | 6501  |              | \$65,000           |         |         |         |         |                             | \$65,000           |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |                    |         |         |         |         |                             |                    |
| 331                                                     | 6534  | \$(34,975)   | \$200,000          |         |         |         |         |                             | \$165,025          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |                    |         |         |         |         |                             |                    |
| 331                                                     | 6599  | \$35,000     | \$1,633,450        |         |         |         |         |                             | \$1,668,450        |
| Total Fund 331:                                         |       | \$25         | \$1,898,450        |         |         |         |         |                             | \$1,898,475        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$25</b>  | <b>\$1,898,450</b> |         |         |         |         |                             | <b>\$1,898,475</b> |

**Comments:** Design-Build Construction

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No impact.

#### Cost Estimate Justification:

Cost Estimate was prepared by City's Consultant, based on site plan, floor plan developed with City's input. This project affects 2 parcels and the service provided is City-wide.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# AMERICANS WITH DISABILITIES (ADA) IMPROVEMENTS

## PROJECT#: FY 20160415

**Project Mgr:** Antoinette Butler x3714  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Various Eligible CDBG Neighborhoods  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project will begin with conducting a city-wide assessment of the current conditions at roadway intersections, under the City's jurisdiction, to evaluate the City's compliance with the Federal guidelines of the Americans with Disabilities Act (ADA). The assessment will include a master plan (or "transition plan") to help identify which intersections need to be improved for ADA access, a set of general design and construction details, and a cost estimate for all anticipated work. Once the master plan is complete, implementation of the recommended repairs will commence. This includes replacement of non-compliant ADA ramps, installation of new ADA ramps, addition of detectable warnings, and repairs to sidewalks abutting ADA ramps. The majority of work will focus on intersections where micro-surfacing, asphalt paving, and repair projects are being conducted as those activities trigger the requirement to immediately improve ADA access concurrently with the paving work.

**Justification:** The ADA requires persons with disabilities to have access into facilities and pedestrian routes in the public right-of-way. Additionally, all roadway paving projects conducted adjacent to an ADA access point are required to improve the nearby ADA ramps and crosswalks. This project will bring the City's existing pedestrian facilities into ADA compliance, help ensure compliance with ADA requirements for paving projects, and increase overall pedestrian safety city-wide.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Roadway Improvements

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>CIP - General Fund   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 331                                      | 6599  |              |         |         |         |         |         | \$2,733,855                 | \$0              |
| Total Fund 331:                          |       |              |         |         |         |         |         | \$2,733,855                 | \$0              |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         |         |         | <b>\$2,733,855</b>          | <b>\$0</b>       |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

### Comments:

### Cost Estimate Justification:

A consultant prepared preliminary assessments. They estimated approximately 6,000 ADA ramps city-wide require installation or replacement. Based on recent line item bids, the cost for similar work ranges from \$700 to \$1,500 per ADA ramp and where a stormwater infrastructure is involved, ramps costs vary between \$4,000 - \$7,000 per ADA ramp. It is anticipated 400 to 600 ADA ramps can be upgraded as part of proposed transition plan to help bring the City into proper ADA compliance.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a Pedestrian friendly, multi-modal City  
**Objectives:** Improve pedestrian, bicyclist and vehicular safety

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 3  
**Bidding / Award:** 2  
**Construction / Closeout:** 8



# SE 8TH STREET BRIDGE REPLACEMENT

**PROJECT#: FY 20200858**

**Project Mgr:** Marlon Lobbon x4355  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☐ III ☐ IV  
**Address:** SE 8th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is to replace the entire SE 8th street bridge prior to the bridge requiring significant weight restrictions.

**Justification:** This bridge is 42 years old and abutment and the intermediate bent caps are in poor condition experiencing cracks, spalls and delamination. Concrete repairs in close proximity to the water are likely to last only 5-8 years, but will not stop the deterioration from occurring at adjacent locations. It is particularly difficult to strengthen the adjacent pre-stressed slab units in a cost effective manner because of the inability to post-tension adequately. Investing in significant repairs to the substructure units is not cost effective, since it is not possible to provide similar long lasting repairs to the slab unit superstructure.

**Source Of the Justification:** Bridge Master Plan

**Project Type:** Bridge

## Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|--------------|---------|---------|---------|---------|--------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |                    |                             |                    |
| 331                                                     | 6501  |              |         |         |         |         | \$120,000          |                             | \$120,000          |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |         |         |         |         |                    |                             |                    |
| 331                                                     | 6534  |              |         |         |         |         | \$518,800          |                             | \$518,800          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |         |         |         |                    |                             |                    |
| 331                                                     | 6599  |              |         |         |         |         | \$1,646,600        |                             | \$1,646,600        |
| Total Fund 331:                                         |       |              |         |         |         |         | \$2,285,400        |                             | \$2,285,400        |
| <b>GRAND TOTAL:</b>                                     |       |              |         |         |         |         | <b>\$2,285,400</b> |                             | <b>\$2,285,400</b> |

**Comments:** Design, bidding construction and construction services

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** If there is a impact on the operating budget.

## Cost Estimate Justification:

Design costs estimated at 15% of cost for new construction, maintenance of traffic and Utilities. Construction cost estimated at 20% for new construction, maintenance of traffic and utilities since no preliminary engineering was prepared as part of the inspection report .

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## MELROSE PARK STREET LIGHTING

**PROJECT#: FY 20200910**

**Project Mgr:** Antoinette Butler x3714  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** Melrose Park Community  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** Provide adequate street lighting in the Melrose Park neighborhood. There will be approximately 750 lights installed in the neighborhood. Phase 1 will install 250 lights and Phase 2 will install 500 lights. The lighting area in Melrose Park Neighborhood is Broward Boulevard/NW 31 Avenue/ Davie Boulevard/NW 27 Avenue.

**Justification:** Melrose Park residents in Commissioners District 3 are requesting the City to provide new street lights in their neighborhood. There is no existing lighting. Reasons for the new street lights are for safety of the homeowners who live, walk and drive in the neighborhood.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6501  |              |         |         |         |         |         | \$56,000                    | \$0              |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6599  |              |         |         |         |         |         | \$5,756,000                 | \$0              |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |         |         |         |         |         |                             |                  |
| 331                                                     | 6534  |              |         |         |         |         |         | \$75,000                    | \$0              |
| Total Fund 331:                                         |       |              |         |         |         |         |         | \$5,887,000                 | \$0              |
| <b>GRAND TOTAL:</b>                                     |       |              |         |         |         |         |         | <b>\$5,887,000</b>          | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** Yes, City Facilities will have to maintain after 10 year warranty expires

### Cost Estimate Justification:

Cost estimate justified by proposal received February 5, 2019 from ClearWorks & Transportation Solutions & Lighting.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a Pedestrian friendly, multi-modal City  
**Objectives:** Improve pedestrian, bicyclist and vehicular safety

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# FLEET MAINTENANCE & REPAIR GARAGE FACILITY

**PROJECT#: FY20100188**

**Project Mgr:** Sandy Leonard x5781  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** To Be Determined  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is to construct a new centralized fleet maintenance and repair garage facility with repair bays, a fuel station, car and truck washes, and a space for both traffic flow and parking for vehicles awaiting repair. The disposition requires 5.5 acres of land and a facility area of approximately 26,300 square feet. This project could be in conjunction with the New Police Headquarters Capital Investment Plan (CIP) FY2008179 or through a purchase/lease of property.

**Justification:** A new centralized fleet maintenance facility, including a fuel station and a car wash, is required to replace the old existing and inadequate facilities hindering productivity of fleet maintenance and congestion, especially with storage of vehicles to be auctioned. The costs do not include acquisition of property and space for employee parking.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** CityFacilities

## Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>CIP - General Fund   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 331                                      | 6599  |              |         |         |         |         |         | \$10,943,750                | \$0              |
| Total Fund 331:                          |       |              |         |         |         |         |         | \$10,943,750                | \$0              |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         |         |         | <b>\$10,943,750</b>         | <b>\$0</b>       |

## Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There will be no impact to the operating budget due to this CIP.

## Cost Estimate Justification:

Cost estimate is based on the Public Works Department (Engineering Division) with a 3% Consumer Price Index added.

## Strategic Connections:

**Cylinder:** Internal Support

**Strategic Goals:** Be a leader government organization, managing resources wisely and sustainably

**Objectives:** Provide safe, efficient, and well-maintained vehicles, equipment, and facilities and integrate sustainability into daily operations

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 6



# RIVER OAKS PRESERVE PARK - PARKING LOT

## PROJECT#: FY20180609

**Project Mgr:** Dronix Suarez x6982  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 1212 SW 9th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This project is for the design, permitting, and construction of a parking lot under the I-95 expressway overpass in the River Oaks neighborhood, which is adjacent to the New River. The scope of the work also includes a new recreational space, kayak launching area, new walkways to the park, fishing boardwalk, new plantings, lighting, and irrigation utilities to better serve the adjacent City's River Oaks Stormwater Preserve Park.

**Justification:** The City of Fort Lauderdale and Florida Department of Transportation (FDOT) executed a Joint Participation Agreement in 2012 allowing the City to lease an area under the FDOT I-95 expressway over New River to be used as a parking lot to serve the adjacent River Oaks Preserve Park. The parking lot would be free to the public and would offer an area for kayak launching and recreational fishing. This project would help fulfill the City's shared vision of creating a safe, healthy, active community with inviting parks for our neighbors to use and enjoy.

**Source Of the Justification:** Parks & Rec Long Range Strategic Plan (7/1/08, CAR08-0707, Item 1A)

**Project Type:** Parks

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|---------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                       |               |
| 331                                                     | 6501  |              |         |         |         |         |         | \$197,682             | \$0           |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |         |         |         |         |         |                       |               |
| 331                                                     | 6534  |              |         |         |         |         |         | \$98,842              | \$0           |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                       |               |
| 331                                                     | 6599  |              |         |         |         |         |         | \$670,493             | \$0           |
| Total Fund 331:                                         |       |              |         |         |         |         |         | \$967,017             | \$0           |
| <b>GRAND TOTAL:</b>                                     |       |              |         |         |         |         |         | <b>\$967,017</b>      | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

The construction cost estimate is based on permitted conceptual plans dated 12/29/15 prepared by engineering consultant Craven Thompson & Associates. These plans included for sitework (grading, pavement, concrete, site amenities, landscaping, and irrigation) and associated mobilization costs. Unit prices were derived from City's annual engineering contracts and rough quantities with a 10-20% margin of error. This project affects approximately 10 parcels.

### Strategic Connections:

**Cylinder:** Public Places

**Strategic Goals:** Be a community that finds opportunities and leverages partnerships to create unique, inviting and connected gathering places that highlight our beaches, waterways, urban areas and parks

**Objectives:** Improve access to and enjoyment of our beach, Riverwalk, waterways, parks and open spaces for everyone

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3





# BAYVIEW DRIVE BRIDGE OVER LONGBOAT INLET

## PROJECT#: FY20180620

**Project Mgr:** Khant Myat  
x5061

**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☐ II ☐ III ☐ IV

**Address:** Bayview Drive over Longboat Bridge  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project is for the replacement of the Bayview Drive bridge. This bridge is a 20 foot long, single span, reinforced concrete slab bridge constructed in 1962. The 42 foot wide bridge has a roadway width of 28.3 feet and carries two (2) lanes of traffic; additionally, it has two (2) 2.9 foot wide sidewalks separated from the roadway by a raised curb in a residential neighborhood.

**Justification:** The bridge is in poor condition based on National Bridge Inspection Standards and Florida Department of Transportation (FDOT) guidelines. The bridge is classified as both functionally obsolete and structurally deficient by FDOT. The bridge has been identified as scour critical by FDOT because the foundations are unknown. The bridge is currently 52 years old. There are no feasible and prudent ways to protect low lying, pre-stressed concrete slab bridges which are chloride-contaminated. It is anticipated replacement of the bridge will be required. The Bridge Master Plan recommends replacement in work period year 11-15, but an FDOT sufficiency rating of 37 indicates repairs should be considered sooner.

**Source Of the Justification:** 2014 Bridge Master Plan

**Project Type:** Bridge

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|--------------|---------|---------|---------|------------------|--------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |                  |                    |                             |                    |
| 331                                                     | 6501  |              |         |         |         | \$44,100         | \$44,100           |                             | \$88,200           |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |         |         |         |                  |                    |                             |                    |
| 331                                                     | 6534  |              |         |         |         | \$90,000         | \$54,000           |                             | \$144,000          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |         |         |                  |                    |                             |                    |
| 331                                                     | 6599  |              |         |         |         | \$12,200         | \$976,400          |                             | \$988,600          |
| Total Fund 331:                                         |       |              |         |         |         | \$146,300        | \$1,074,500        |                             | \$1,220,800        |
| <b>GRAND TOTAL:</b>                                     |       |              |         |         |         | <b>\$146,300</b> | <b>\$1,074,500</b> |                             | <b>\$1,220,800</b> |

**Comments:** The bridge is in poor condition based on National Bridge Inspection Standards and Florida Department of Transportation (FDOT) guidelines. The bridge is classified as both functionally obsolete and structurally deficient by FDOT.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Recent re-inspections to the bridge by FDOT have shown significant deterioration and this bridge has been down-graded. This bridge is at risk of being closed by FDOT and residents will not be able to get to their homes until the bridge is replaced. The cost estimate is based on US Department of Transportation Federal Highway Administration's National Inventory (NBI) report. The NBI report has a reliable cost estimate of the bridge replacement construction. This project will affect 8 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



## NE 1ST STREET BRIDGE

### PROJECT#: FY20180621

**Project Mgr:** Connie Hayman x5875  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** NE 1st Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for a full bridge replacement of the existing City's damaged infrastructure located at NE 1st Street over Stranahan Lake, Bridge #865727. The bridge is a 44 foot long, two-span, steel multi-girder beam bridge constructed in 1940. The bridge has a roadway width of 24.1 feet. and carries two lanes of traffic in a residential neighborhood. The work will include removing and replacing the vehicular and pedestrian bridge structure. Installing a new bridge and upgrading the structure to meet Florida Department of Transportation (FDOT) compliant Standards.

**Justification:** Florida Department of Transportation (FDOT) issued a bridge deficiency letter indicating significant structural deficiencies needing immediate attention. The bridge has been identified as scour critical by FDOT. Because the bridge is more than 70 years old, it is likely the concrete elements are contaminated with chlorides and has significant deterioration. Repair cost exceed \$300,000 indicating it is more feasibly to replace than repair.

**Source Of the Justification:** 2014 Bridge Master Plan

**Project Type:** Bridge

#### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022            | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|--------------|---------|------------------|--------------------|---------|---------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |                  |                    |         |         |                             |                    |
| 331                                                     | 6501  |              |         | \$80,000         | \$75,000           |         |         |                             | \$155,000          |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |         |                  |                    |         |         |                             |                    |
| 331                                                     | 6534  |              |         | \$129,759        | \$256,265          |         |         |                             | \$386,024          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |                  |                    |         |         |                             |                    |
| 331                                                     | 6599  |              |         |                  | \$875,060          |         |         |                             | \$875,060          |
| Total Fund 331:                                         |       |              |         | \$209,759        | \$1,206,325        |         |         |                             | \$1,416,084        |
| <b>GRAND TOTAL:</b>                                     |       |              |         | <b>\$209,759</b> | <b>\$1,206,325</b> |         |         |                             | <b>\$1,416,084</b> |

**Comments:** Deficiency letter received from FDOT indicating this bridge is in critical condition . The bridge requires numerous repairs, and if not fixed, could result in downgrading the bridge weight capacity or bridge closure.

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Construction estimates are derived from 2016 engineer's estimate. Consultant design were estimated in the 2014 Bridge Master Plan and construction management estimated at 15% of the construction costs. Internal project and construction management were estimated at 15% of construction cost. This project has been re-estimated in 2018 and construction costs have gone up to \$1.1 million. This project affects approximately 2,786 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## SE 13TH STREET BRIDGE

**PROJECT#: FY20180622**

**Project Mgr:** Raymond Nazaire x8954  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SE 13th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the repair/replacement of the SE 13th street bridge. The bridge is a 180.5 foot long, nine (9) span, reinforced concrete double T-beam bridge constructed in 1952. The bridge has a roadway width of 21 feet and carries two (2) lanes of traffic in a residential neighborhood. There is a 2.5 foot sidewalk on the south side of the bridge. This bridge serves as the only entry point for residences east of the bridge.

**Justification:** The bridge has been identified as scour critical by Florida Department of Transportation (FDOT) and classified as functionally obsolete but not structurally deficient. The bridge is 62 years old. The T-beams have numerous repairs, many of which are showing signs of cracks, spalls and delaminations. The cost effective decision is to replace the entire bridge, which the Bridge Master Plan has scheduled in work period year 11-15. FDOT Bridge Inspection Pontis report (Bridge Report Management) gives a sufficiency rating of 43, indicating a high priority for repair.

**Source Of the Justification:** 2014 Bridge Master Plan

**Project Type:** Bridge

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022            | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|--------------|---------|---------|--------------------|------------------|---------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |              |         |         |                    |                  |         |                             |                    |
| 331                                                     | 6599  |              |         |         | \$1,958,513        | \$705,180        |         |                             | \$2,663,693        |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |              |         |         |                    |                  |         |                             |                    |
| 331                                                     | 6534  |              |         |         | \$506,705          |                  |         |                             | \$506,705          |
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |                    |                  |         |                             |                    |
| 331                                                     | 6501  |              |         |         | \$188,980          |                  |         |                             | \$188,980          |
| Total Fund 331:                                         |       |              |         |         | \$2,654,198        | \$705,180        |         |                             | \$3,359,378        |
| <b>GRAND TOTAL:</b>                                     |       |              |         |         | <b>\$2,654,198</b> | <b>\$705,180</b> |         |                             | <b>\$3,359,378</b> |

**Comments:** Deficiency letter received from FDOT indicating this bridge is in critical condition . The bridge requires numerous repairs, and if not fixed, could result in downgrading the bridge weight capacity or bridge closing.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Estimates are derived from the 2014 Bridge Master Plan. This project will affect approximately 172 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 1

**Construction / Closeout:** 3



# PLANT A AND FORMER TRASH TRANSFER STATION REMEDIATION

**PROJECT#: FY20180635**

**Project Mgr:** Todd Hiteshew  
x7807  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1901 NW 6th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project involves remediating Plant A and the former Trash Transfer Station by placing an engineering control consisting of a Geo textile fabric and one (1) foot of clean fill within the open area. The perimeter fence will also be removed and replaced as needed. Cracks in the pavement will be sealed in addition to curbing being installed to contain the engineering controls. This project also contains several options which may or not be included depending on costs, including the removal of a ramp and creating parking spaces, regrading the berm, and installing a parking area east of the entrance road to the toe of the berm.

**Justification:** This is a site of ongoing contamination which needs to be resolved in order to obtain site closure from the regulatory agencies.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Environmental

## Project Funding Summary:

| SOURCE                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-----------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| CIP - General Fund   CONSTRUCTION |       |              |         |         |         |         |         |                             |                  |
| 331                               | 6599  |              |         |         |         |         |         | \$1,000,000                 | \$0              |
| Total Fund 331:                   |       |              |         |         |         |         |         | \$1,000,000                 | \$0              |
| <b>GRAND TOTAL:</b>               |       |              |         |         |         |         |         | <b>\$1,000,000</b>          | <b>\$0</b>       |

**Comments:** Project already designed. Funding sources need to be determined.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Improve air and water quality and our natural environment

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 0  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## SEAWALL MAINTENANCE

### PROJECT#: FY20190799

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 331 CIP - General Fund  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for installation and replacement of city owned seawalls. The repair or replacement efforts will include potential structural modifications to address the challenges associated with sea level rise, in addition to the standard capital repairs, rehabilitation, or replacement.

**Justification:** The City owns approximately 3.7 miles of seawalls. Many of these seawalls show signs of deterioration and potential failure. Seawall failure could negatively impact navigation and threaten the stability of soil embankment. As a coastal community, the City must prepare for the impacts of climate change. Expected sea level rise is 6 to 10 inches above 1992 mean sea levels by 2030 and 14 to 26 inches above 1992 mean sea levels by 2060.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Marine

#### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------|-------|--------------|------------------|------------------|------------------|------------------|------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i> |       |              |                  |                  |                  |                  |                  |                             |                    |
| 331                                      | 6599  |              | \$470,000        | \$470,000        | \$470,000        | \$470,000        | \$470,000        |                             | \$2,350,000        |
| Total Fund 331:                          |       |              | \$470,000        | \$470,000        | \$470,000        | \$470,000        | \$470,000        |                             | \$2,350,000        |
| <b>GRAND TOTAL:</b>                      |       |              | <b>\$470,000</b> | <b>\$470,000</b> | <b>\$470,000</b> | <b>\$470,000</b> | <b>\$470,000</b> |                             | <b>\$2,350,000</b> |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Cost are derived from the Draft Seawall Master Plan.. Internal project and construction management based on 15% of estimated construction cost. This project affects parcels citywide.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 0  
**Construction / Closeout:** 2

# Gas Tax Fund CIP







# ANNUAL ASPHALT RESURFACING

## PROJECT#: 12223

**Project Mgr:** Barbara Howell x4505  
**Department:** Public Works  
**Fund:** 332 Gas Tax  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Citywide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for roadway asphalt overlay and/or milling and resurfacing to maintain and improve streets affected by utility work or those streets with a pavement condition index (PCI) score below 55.

**Justification:** Street resurfacing is needed to improve streets affected by utility work and that have a PCI below 55.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Annual

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$     | FY 2020          | FY 2021            | FY 2022            | FY 2023            | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 331                                                     | 6599  | \$383,385        | \$55,843         | \$1,045,116        | \$1,388,262        | \$1,870,287        | \$1,440,100        |                             | \$6,182,993        |
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 331                                                     | 6501  | \$(12,593)       |                  |                    |                    |                    |                    |                             | \$(12,593)         |
| Total Fund 331:                                         |       | \$370,792        | \$55,843         | \$1,045,116        | \$1,388,262        | \$1,870,287        | \$1,440,100        |                             | \$6,170,400        |
| <i>Gas Tax   CONSTRUCTION</i>                           |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 332                                                     | 6599  | \$418,126        | \$470,000        | \$470,000          | \$470,000          | \$470,000          | \$470,000          |                             | \$2,768,126        |
| <i>Gas Tax   FORCE CHARGES / ENGINEERING</i>            |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 332                                                     | 6501  | \$19,542         | \$33,115         | \$33,115           | \$33,115           | \$33,115           | \$33,115           |                             | \$185,117          |
| <i>Gas Tax   ADMINISTRATION</i>                         |       |                  |                  |                    |                    |                    |                    |                             |                    |
| 332                                                     | 6550  | \$(397)          |                  |                    |                    |                    |                    |                             | \$(397)            |
| Total Fund 332:                                         |       | \$437,271        | \$503,115        | \$503,115          | \$503,115          | \$503,115          | \$503,115          |                             | \$2,952,846        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$808,063</b> | <b>\$558,958</b> | <b>\$1,548,231</b> | <b>\$1,891,377</b> | <b>\$2,373,402</b> | <b>\$1,943,215</b> |                             | <b>\$9,123,246</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budgetary impact.

### Cost Estimate Justification:

The asphalt inspection was completed in 2013 and a report of the Pavement Condition Index (PCI) was identified in the report. Funding for 2020 - 2024 is requested to address roadways with PCI in the poor, very poor, and failed conditions. This estimate is based on current contract prices and project and construction management rates. Poinciana Park neighborhood will be resurfaced to restore streets that had utility upgrades including 15,000 linear feet of small water main improvements.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4





# ANNUAL MICROSURFACING

## PROJECT#: 12301

**Project Mgr:** Barbara Howell x4505  
**Department:** Public Works  
**Fund:** 332 Gas Tax  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Citywide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project includes citywide resurfacing of streets based on assessed conditions. The streets identified for resurfacing will be scheduled based on the results of the Pavement Management System study.

**Justification:** If roads are not resurfaced within a life expectancy period, the roads may deteriorate to the point that only replacement can be done. The delay is more costly and takes more time to complete. In FY 2013, the asphalt inspection was completed. This report identified an existing pavement condition index (PCI). The additional funding requested will address the roads which are in fair condition.

**Source Of the Justification:** Sustainability Action Plan

**Project Type:** Annual

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$     | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------------|--------------------|
| <i>CIP - General Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6501  | \$(165,341)      |                  |                  |                  |                  |                  |                             | \$(165,341)        |
| <i>CIP - General Fund   ENGINEERING FEES</i>            |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6534  | \$126,900        |                  |                  |                  |                  |                  |                             | \$126,900          |
| <i>CIP - General Fund   ADMINISTRATION</i>              |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6550  | \$(1,025)        |                  |                  |                  |                  |                  |                             | \$(1,025)          |
| <i>CIP - General Fund   PERMITS COSTS</i>               |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6554  | \$(1,123)        |                  |                  |                  |                  |                  |                             | \$(1,123)          |
| <i>CIP - General Fund   CONSTRUCTION</i>                |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 331                                                     | 6599  | \$114,303        |                  |                  |                  |                  |                  |                             | \$114,303          |
| Total Fund 331:                                         |       | \$73,714         |                  |                  |                  |                  |                  |                             | \$73,714           |
| <i>Gas Tax   CONSTRUCTION</i>                           |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6599  | \$251,065        | \$300,000        | \$300,000        | \$300,000        | \$300,000        | \$300,000        |                             | \$1,751,065        |
| <i>Gas Tax   FORCE CHARGES / ENGINEERING</i>            |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6501  | \$239,159        | \$15,000         | \$15,000         | \$15,000         | \$15,000         | \$15,000         |                             | \$314,159          |
| <i>Gas Tax   ENGINEERING FEES</i>                       |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6534  | \$202,000        |                  |                  |                  |                  |                  |                             | \$202,000          |
| <i>Gas Tax   ADMINISTRATION</i>                         |       |                  |                  |                  |                  |                  |                  |                             |                    |
| 332                                                     | 6550  | \$(406)          |                  |                  |                  |                  |                  |                             | \$(406)            |
| Total Fund 332:                                         |       | \$691,818        | \$315,000        | \$315,000        | \$315,000        | \$315,000        | \$315,000        |                             | \$2,266,818        |
| <b>GRAND TOTAL:</b>                                     |       | <b>\$765,532</b> | <b>\$315,000</b> | <b>\$315,000</b> | <b>\$315,000</b> | <b>\$315,000</b> | <b>\$315,000</b> |                             | <b>\$2,340,532</b> |

**Comments:** Based on projected Gas Tax revenues contributions.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There are no associated impacts on the operating budget related to the work constructed in this project.

### Cost Estimate Justification:

The asphalt inspection was completed in 2013 and a report of the Pavement Condition Index (PCI) was identified in the report. Funding for FY 2020 is requested to address roadways with pavement condition index (PCI) in fair condition. The estimate is based on current contract prices and project and construction management rates. This affects approximately 300 parcels throughout the City.

| Strategic Connections: |                                                                            | Quarters To Perform Each Task: |    |
|------------------------|----------------------------------------------------------------------------|--------------------------------|----|
| Cylinder:              | Infrastructure                                                             | Initiation / Planning:         | 2  |
| Strategic Goals:       | Be a sustainable and resilient community                                   | Design / Permitting:           | 4  |
|                        |                                                                            | Bidding / Award:               | 0  |
|                        |                                                                            | Construction / Closeout:       | 10 |
| Objectives:            | Proactively maintain our water, wastewater, road and bridge infrastructure |                                |    |



# Central Regional Fund CIP







## REGIONAL RENEWAL & REPLACEMENT

### PROJECT#: 00401

**Project Mgr:** Miguel Arroyo  
X 7806  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Citywide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The City is the owner and operator of the Broward County Central Wastewater System. The regional system consists of wastewater transmission lines, re-pump stations and the wastewater treatment facility. This project accounts for the costs associated with these facilities. Annually the Region prepares a Central Region Wastewater System Renewal and Replacement Analysis that is a 20-year financial plan for the systems renewal and replacements. This project identifies those funding requirements. Annually we evaluate the regional components and validate their condition against the expected life span previously analyzed. The information on the component(s) is (are) then updated based on when it should be replaced including its anticipated cost. This information is entered into a 20-year rotating replacement database to ensure sufficient funds are collected.

**Justification:** Provides for current and future needs, as noted in the Wastewater Master Plan and annual Central Region Renewal and Replacement report.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$        | FY 2020              | FY 2021              | FY 2022            | FY 2023           | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|-------------------------------------------------|-------|---------------------|----------------------|----------------------|--------------------|-------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |                     |                      |                      |                    |                   |                  |                       |                    |
| 451                                             | 6599  | \$12,428,696        | \$(3,392,412)        | \$(1,748,542)        | \$(544,752)        | \$(25,917)        | \$515,237        |                       | \$7,232,310        |
| Total Fund 451:                                 |       | \$12,428,696        | \$(3,392,412)        | \$(1,748,542)        | \$(544,752)        | \$(25,917)        | \$515,237        |                       | \$7,232,310        |
| <b>GRAND TOTAL:</b>                             |       | <b>\$12,428,696</b> | <b>\$(3,392,412)</b> | <b>\$(1,748,542)</b> | <b>\$(544,752)</b> | <b>\$(25,917)</b> | <b>\$515,237</b> |                       | <b>\$7,232,310</b> |

**Comments:** Each year, the City calculates the renewal and replacement amount required to keep the Region facilities working effectively.

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** Completed work by this repair & replacement project does not impact the operating budget.

#### Cost Estimate Justification:

This estimate is developed from the City's Central Region Wastewater System Renewal and Replacement Report completed and updated by consultants on an annual basis.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Secure our community's water supply

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 0  
**Construction / Closeout:** 2



# GTL PLANT REHABILITATION OF PCCP PIPE

**PROJECT#: 11773**

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** Design and construction of the rehabilitation, or replacement, of the Prestressed Concrete Cylinder Pipes (PCCP) process pipe within the George T. Lohmeyer Wastewater Treatment Plant (GTL). Work will include planning, design, and construction as follows: 1) identification of pipes to be replaced, 2) analysis and determination of rehabilitation-vs-replacement, 3) develop short & long term action plan for replacement schedule, and 4) identification of bypass piping requirements. Project includes getting an opinion of probable construction cost and rehabilitation schedule.

**Justification:** Operations and Maintenance (O&M) staff have indicated existing Prestressed Concrete Cylinder Pipes (PCCP) process pipes within the George T. Lohmeyer Wastewater Treatment Plant (GTL) are leaking and must be replaced. Operations and Maintenance (O&M) staff have requested assistance from the Engineering staff to coordinate project management for the planning, design, and construction of such Prestressed Concrete Cylinder Pipes (PCCP) process pipes.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$       | FY 2020            | FY 2021            | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|----------------------------------------------------------------|-------|--------------------|--------------------|--------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |                    |                    |                    |         |         |         |                             |                    |
| 451                                                            | 6599  | \$3,373,450        | \$1,667,049        | \$3,171,306        |         |         |         |                             | \$8,211,805        |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |                    |                    |                    |         |         |         |                             |                    |
| 451                                                            | 6501  | \$459,054          | \$73,491           | \$69,429           |         |         |         |                             | \$601,974          |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>            |       |                    |                    |                    |         |         |         |                             |                    |
| 451                                                            | 6534  | \$(446,523)        | \$301,459          | \$279,265          |         |         |         |                             | \$134,201          |
| <i>Central Region/Wastewater   ADMINISTRATION</i>              |       |                    |                    |                    |         |         |         |                             |                    |
| 451                                                            | 6550  | \$(581)            |                    |                    |         |         |         |                             | \$(581)            |
| Total Fund 451:                                                |       | \$3,385,400        | \$2,041,999        | \$3,520,000        |         |         |         |                             | \$8,947,399        |
| <b>GRAND TOTAL:</b>                                            |       | <b>\$3,385,400</b> | <b>\$2,041,999</b> | <b>\$3,520,000</b> |         |         |         |                             | <b>\$8,947,399</b> |

## Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budgetary Impact

## Cost Estimate Justification:

The additional funding needed to cover the costs associated with the construction and professional services during construction (Designer & Construction, Engineering and Inspection) and City Engineering Fees required for the construction of sequences A, B, and C of this project. During FY19, sequence B will start construction, and will be completed in FY19. Sequence C construction will begin in FY19 and be completed in FY21. This project affects parcels city wide.

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure





## CRYOGENIC PLANT

**PROJECT#: 11781**

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is to upgrade all equipment, instrumentation, and controls to the latest technology in order to automate the Cryogenic Plant and increase reliability at George T. Lohmeyer Wastewater Treatment Plant. The project will include any required control room upgrades for proper space conditioning. The work includes engineering evaluation, and upgrades to several components of the Cryogenic plant, including upgrade of the control systems, valve replacements, cold box rehabilitation, replacement of the motor control counter, upgrades to back-up systems, and maintenance of the air compressors.

**Justification:** A reliable source of liquid oxygen is required to operate the wastewater plant. This project will increase the reliability of the Cryogenic plant, providing a more efficient supply of liquid oxygen, and allow more monitoring of the plant. Extensive repairs are required to maintain the plant in reliable working condition. The original equipment is 30 years old. The necessary repairs are expected to extend the life for another 15 years of good working condition.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$       | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING       |
|----------------------------------------------------------------|-------|--------------------|--------------------|---------|---------|---------|---------|-----------------------|---------------------|
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |                    |                    |         |         |         |         |                       |                     |
| 451                                                            | 6501  | \$(23,950)         |                    |         |         |         |         |                       | \$(23,950)          |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>            |       |                    |                    |         |         |         |         |                       |                     |
| 451                                                            | 6534  | \$244,781          |                    |         |         |         |         |                       | \$244,781           |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |                    |                    |         |         |         |         |                       |                     |
| 451                                                            | 6599  | \$4,810,246        | \$5,641,360        |         |         |         |         |                       | \$10,451,606        |
| Total Fund 451:                                                |       | \$5,031,077        | \$5,641,360        |         |         |         |         |                       | \$10,672,437        |
| <b>GRAND TOTAL:</b>                                            |       | <b>\$5,031,077</b> | <b>\$5,641,360</b> |         |         |         |         |                       | <b>\$10,672,437</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This is a refurbishment of a current deteriorated asset. There is no anticipated additional impact on operating budget.

### Cost Estimate Justification:

Force Charges/Engineering is based on an estimated 300 hours at \$146 an hour for project and construction management. Construction cost is an estimate based on a report commissioned by the City – Cryogenic Plan Assessment by Solution Works, in July 2012 and class 4 estimate provided by consultant. This project will affect parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 3  
**Design / Permitting:** 3  
**Bidding / Award:** 0  
**Construction / Closeout:** 3



## GTL ODOR CONTROL DEWATERING BLDG

**PROJECT#: 12169**

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the George T. Lohmeyer Water Treatment Plant odor control system, dewatering building study and upgrade.

**Justification:** The dewatering process odor control system has a useful life of 20 years according to the 2013 Central Region Wastewater System Renewal and Replacement Requirement Analysis. This system was constructed and installed in 1999. The system needs to be studied and upgraded to alleviate odor concerns from the facility's neighbors.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$ | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|----------------------------------------------------------------|-------|--------------|--------------------|---------|---------|---------|---------|-----------------------|--------------------|
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |              |                    |         |         |         |         |                       |                    |
| 451                                                            | 6501  |              | \$108,300          |         |         |         |         |                       | \$108,300          |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |              |                    |         |         |         |         |                       |                    |
| 451                                                            | 6599  |              | \$2,166,000        |         |         |         |         |                       | \$2,166,000        |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>            |       |              |                    |         |         |         |         |                       |                    |
| 451                                                            | 6534  |              |                    |         |         |         |         |                       | \$0                |
| Total Fund 451:                                                |       |              | \$2,274,300        |         |         |         |         |                       | \$2,274,300        |
| <b>GRAND TOTAL:</b>                                            |       |              | <b>\$2,274,300</b> |         |         |         |         |                       | <b>\$2,274,300</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget, at this time.

### Cost Estimate Justification:

The cost estimate is based on an estimate by the Water/Wastewater Consultant and is included in the annual Renewal and Replacement Document.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 3  
**Construction / Closeout:** 4



# GTL MOTOR CONTROL CENTERS REHABILITATION

## PROJECT#: 12176

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for upgrades of various Motor Control Centers based on the Electrical Reliability Study. The study resulted in recommendations for the George T. Lohmeyer Wastewater Treatment Plant.

**Justification:** There are many Motor Control Centers within the facility that are past their useful life, and are no longer supported with parts and materials by the original manufacturers.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$       | FY 2020            | FY 2021            | FY 2022            | FY 2023            | FY 2024            | BEYOND 5-YEAR HORIZON | TOTAL FUNDING       |
|----------------------------------------------------------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|---------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |                    |                    |                    |                    |                    |                    |                       |                     |
| 451                                                            | 6599  | \$4,235,058        | \$1,508,478        | \$3,247,734        | \$3,247,734        | \$3,549,849        | \$2,175,227        |                       | \$17,964,080        |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>            |       |                    |                    |                    |                    |                    |                    |                       |                     |
| 451                                                            | 6534  | \$(381,845)        | \$532,137          | \$449,022          | \$408,144          | \$474,787          | \$319,031          |                       | \$1,801,276         |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |                    |                    |                    |                    |                    |                    |                       |                     |
| 451                                                            | 6501  | \$(33,998)         | \$77,798           | \$65,195           | \$65,842           | \$72,240           | \$52,736           |                       | \$299,813           |
| Total Fund 451:                                                |       | \$3,819,215        | \$2,118,413        | \$3,761,951        | \$3,721,720        | \$4,096,876        | \$2,546,994        |                       | \$20,065,169        |
| <b>GRAND TOTAL:</b>                                            |       | <b>\$3,819,215</b> | <b>\$2,118,413</b> | <b>\$3,761,951</b> | <b>\$3,721,720</b> | <b>\$4,096,876</b> | <b>\$2,546,994</b> |                       | <b>\$20,065,169</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget, at this time.

### Cost Estimate Justification:

The cost estimate is based on an estimate from prior work by the Water/Wastewater Consultant and it is included in the annual plant Repair & Replacement Document. The Motor Control Centers (MCC's) and the Unitized Sub-Station's (USS) taken into consideration for this cost estimate are 3,4,4A,5,6,7,7A,7B,7C,8,8A,8B,8C,9,10,11,12 and deep well. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 4  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# UTILITIES ASSET MANAGEMENT SYSTEM

## PROJECT#: 12190

**Project Mgr:** Brandy Leighton x5326  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the purchase and implementation of an utilities geographic information system (GIS) centric asset management system for Stormwater, Distribution and Collection and Treatment assets throughout the City. The software system will include long-range planning, life-cycle costing, proactive operations and maintenance, and capital replacement plans based on cost-benefit analysis.

**Justification:** The software will help keep track of the City's stormwater, sanitary sewer, and water distribution assets. It will serve as a integral part of monitoring these systems, identifying deficiencies, and performing the necessary upgrades and repairs. The utilities asset management system will support the water and sewer master plan, the consent order with Florida Department of Environmental Protection, and the stormwater master plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$       | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------------------------------|-------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   ADMINISTRATION</i>                |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6550  | \$170,000          |                  |                  |                  |                  |                  |                       | \$170,000          |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                  |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6599  | \$261,364          | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$1,236,492           | \$1,060,364        |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i>   |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6501  | \$(62)             |                  |                  |                  |                  |                  |                       | \$(62)             |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>              |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6534  | \$(99,969)         |                  |                  |                  |                  |                  |                       | \$(99,969)         |
| Total Fund 451:                                                  |       | \$331,333          | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$1,236,492           | \$1,130,333        |
| <i>Water and Sewer Master Plan   ADMINISTRATION</i>              |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6550  | \$125,000          |                  |                  |                  |                  |                  |                       | \$125,000          |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6501  | \$(3,216)          |                  |                  |                  |                  |                  |                       | \$(3,216)          |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6599  | \$790,790          | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$2,238,677           | \$3,657,790        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6534  | \$(355,575)        |                  |                  |                  |                  |                  |                       | \$(355,575)        |
| Total Fund 454:                                                  |       | \$556,999          | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$2,238,677           | \$3,423,999        |
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>                  |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6501  | \$(4,460)          |                  |                  |                  |                  |                  |                       | \$(4,460)          |
| <i>Stormwater   ADMINISTRATION</i>                               |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6550  | \$764,431          |                  |                  |                  |                  |                  |                       | \$764,431          |
| <i>Stormwater   EQUIPMENT PURCHASES</i>                          |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6564  | \$187,000          |                  |                  |                  |                  |                  |                       | \$187,000          |
| <i>Stormwater   CONSTRUCTION</i>                                 |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6599  | \$54,066           | \$40,000         | \$40,000         | \$40,000         | \$203,400        | \$40,000         | \$807,392             | \$417,466          |
| <i>Stormwater   ENGINEERING FEES</i>                             |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6534  | \$(127,461)        |                  |                  |                  |                  |                  |                       | \$(127,461)        |
| Total Fund 470:                                                  |       | \$873,576          | \$40,000         | \$40,000         | \$40,000         | \$203,400        | \$40,000         | \$807,392             | \$1,236,976        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$1,761,908</b> | <b>\$773,200</b> | <b>\$773,200</b> | <b>\$773,200</b> | <b>\$936,600</b> | <b>\$773,200</b> | <b>\$4,282,561</b>    | <b>\$5,791,308</b> |

**Comments:** Annual operating costs are to cover software annual license fees and staff needs (to manage and monitor the asset management system).

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                       |               |
| CHAR 30                             |              |         |         |         |         |         |                       | \$0           |

|              |            |
|--------------|------------|
| <b>TOTAL</b> | <b>\$0</b> |
|--------------|------------|

**Comments:** Costs are based from similar software annual operating license fees and staff expenses

**Cost Estimate Justification:**

The available funds are for purchasing of the asset management system, installation, training of staff, and initial software implementation. Future requested funds would allow collection and processing of additional utility assets such as the City's water and sewer treatment plants and the Distribution and Collection assets not collected during FY18. This project affects parcels city wide.

| <b>Strategic Connections:</b> |                                                                            | <b>Quarters To Perform Each Task:</b> |   |
|-------------------------------|----------------------------------------------------------------------------|---------------------------------------|---|
| <b>Cylinder:</b>              | Infrastructure                                                             | <b>Initiation / Planning:</b>         | 0 |
| <b>Strategic Goals:</b>       | Be a sustainable and resilient community                                   | <b>Design / Permitting:</b>           | 0 |
|                               |                                                                            | <b>Bidding / Award:</b>               | 0 |
| <b>Objectives:</b>            | Proactively maintain our water, wastewater, road and bridge infrastructure | <b>Construction / Closeout:</b>       | 0 |



## CLARIFIER PIPE REPLACEMENT

**PROJECT#: 12251**

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project will replace suspect prestressed concrete cylinder pipe for clarifier battery 1 and 2 influent and clarifier battery 3 distribution piping.

**Justification:** The piping was installed around the 1979-1984 time frame. The piping was manufactured by Interpace and has demonstrated to have suspect quality control issues during production. A section of a similar pipe within the facility has previously failed.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$       | FY 2020 | FY 2021 | FY 2022 | FY 2023            | FY 2024            | BEYOND 5-YEAR HORIZON | TOTAL FUNDING       |
|----------------------------------------------------------------|-------|--------------------|---------|---------|---------|--------------------|--------------------|-----------------------|---------------------|
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |                    |         |         |         |                    |                    |                       |                     |
| 451                                                            | 6501  | \$(11,242)         |         |         |         |                    |                    |                       | \$(11,242)          |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |                    |         |         |         |                    |                    |                       |                     |
| 451                                                            | 6599  | \$1,236,270        |         |         |         | \$5,216,736        | \$5,216,736        | \$10,433,472          | \$11,669,742        |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>            |       |                    |         |         |         |                    |                    |                       |                     |
| 451                                                            | 6534  |                    |         |         |         |                    |                    |                       | \$0                 |
| Total Fund 451:                                                |       | \$1,225,028        |         |         |         | \$5,216,736        | \$5,216,736        | \$10,433,472          | \$11,658,500        |
| <b>GRAND TOTAL:</b>                                            |       | <b>\$1,225,028</b> |         |         |         | <b>\$5,216,736</b> | <b>\$5,216,736</b> | <b>\$10,433,472</b>   | <b>\$11,658,500</b> |

**Comments:** This project was previously in the CIP as FY20160422.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget, at this time.

### Cost Estimate Justification:

The cost estimate is based on the bid that came in from P11773 which is currently in construction. The project will be constructed in three phases. This project to affect parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



## GTL INTERIOR PAINTING

### PROJECT#: 12252

**Project Mgr:** Miguel Arroyo x7806  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project will provide a protective coating application of all interior surfaces at the George T. Lohmeyer (GTL) Wastewater Treatment Plant.

**Justification:** The interior coatings have a useful life of ten years according to the 2013 Central Region Wastewater System Renewal and Replacement Requirement Analysis. These surfaces were coated in 2007.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$       | FY 2020 | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|----------------------------------------------------------------|-------|--------------------|---------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |                    |         |                  |                  |                  |                  |                       |                    |
| 451                                                            | 6599  | \$1,356,168        |         | \$153,216        | \$567,468        | \$567,468        | \$408,577        |                       | \$3,052,897        |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |                    |         |                  |                  |                  |                  |                       |                    |
| 451                                                            | 6501  | \$42,552           |         |                  |                  |                  |                  |                       | \$42,552           |
| Total Fund 451:                                                |       | \$1,398,720        |         | \$153,216        | \$567,468        | \$567,468        | \$408,577        |                       | \$3,095,449        |
| <b>GRAND TOTAL:</b>                                            |       | <b>\$1,398,720</b> |         | <b>\$153,216</b> | <b>\$567,468</b> | <b>\$567,468</b> | <b>\$408,577</b> |                       | <b>\$3,095,449</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget, at this time.

#### Cost Estimate Justification:

The cost estimate is based on an estimate from prior work by the Wastewater/Water Consultant at George T. Lohmeyer (GTL) Wastewater Treatment Plant. and it is included in the annual Renewal & Replacement Document. This project restores current deteriorated asset.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 3  
**Construction / Closeout:** 4



## GTL EXTERIOR PAINTING

### PROJECT#: 12255

**Project Mgr:** Miguel Arroyo  
x7806  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for a protective coating application on all exterior surfaces at the George T. Lohmeyer Wastewater Treatment Plant.

**Justification:** The exterior coatings have a useful life of five (5) years according to the 2013 Central Region Wastewater System Renewal and Replacement Requirement Analysis. These surfaces were coated in 2010. This is done to protect all concrete and metal surfaces from corrosion and deterioration. It also improves the appearance of this facility for our neighbors.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$     | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|----------------------------------------------------------------|-------|------------------|---------|---------|------------------|---------|---------|-----------------------------|------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |                  |         |         |                  |         |         |                             |                  |
| 451                                                            | 6599  | \$247,074        |         |         | \$314,553        |         |         |                             | \$561,627        |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |                  |         |         |                  |         |         |                             |                  |
| 451                                                            | 6501  | \$24,306         |         |         |                  |         |         |                             | \$24,306         |
| Total Fund 451:                                                |       | \$271,380        |         |         | \$314,553        |         |         |                             | \$585,933        |
| <b>GRAND TOTAL:</b>                                            |       | <b>\$271,380</b> |         |         | <b>\$314,553</b> |         |         |                             | <b>\$585,933</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is no impact to the operating budget, at this time.

#### Cost Estimate Justification:

The cost estimate is based on an annual cost from prior work at George T. Lohmeyer Wastewater Treatment Plant. It is included in the annual Repair and Replacement maintained by the Wastewater Consultant.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 1





## GTL EFFLUENT PUMPS REPLACEMENT

### PROJECT#: 12348

**Project Mgr:** Miguel Arroyo x7806  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the replacement of the George T. Lohmeyer Wastewater Treatment Plant's effluent pumps.

**Justification:** The effluent pumps providing deep well injection has a useful life of 15 years according to the 2013 Central Region Wastewater System Renewal and Replacement Requirement Analysis. These five (5) pumps were installed in 2003. All impellers have been replaced, but the rotating assemblies and volutes will need repair or replacement.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$     | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------|-------|------------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |                  |                  |         |         |         |         |                             |                  |
| 451                                             | 6599  | \$700,388        | \$250,000        |         |         |         |         |                             | \$950,388        |
| Total Fund 451:                                 |       | \$700,388        | \$250,000        |         |         |         |         |                             | \$950,388        |
| <b>GRAND TOTAL:</b>                             |       | <b>\$700,388</b> | <b>\$250,000</b> |         |         |         |         |                             | <b>\$950,388</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is no impact to the operating budget, at this time.

#### Cost Estimate Justification:

The cost estimate is based on an estimate by the Water/Wastewater Consultant and it is included in the annual Renewal & Replacement Document.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 3  
**Construction / Closeout:** 4



# PROGRAM MANAGEMENT FOR THE WATER AND SEWER CONSENT

## PROJECT#: 12375

**Project Mgr:** Brandy Leighton x5326  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-Wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project will consist of retaining the services of a Program Manager Consulting Team to manage the Consent Order program for the duration of the program from FY 2019 to FY 2026. The scope consists of general program management services, programmatic reports, and other services as needed to ensure that the deliverables and deadlines are met within the specified timeframe in the Consent Order Agreement.

**Justification:** These services will be required in order to complete and deliver in a timely manner the projects and services outlined in the Consent Order Agreement between the City and Florida Department of Environmental Protection.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                                | USAGE | AVAILABLE \$       | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|-----------------------------------------------------------------------|-------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   ENGINEERING FEES</i>                   |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                                   | 6534  |                    | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$3,634,997           | \$1,872,790        |
| Total Fund 451:                                                       |       |                    | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$3,634,997           | \$1,872,790        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>                 |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                                   | 6534  | \$500,000          | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$2,175,841           | \$3,067,210        |
| Total Fund 454:                                                       |       |                    | \$500,000        | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$2,175,841           | \$3,067,210        |
| <i>Water &amp; Sewer Master Plan 2017   ENGINEERING FEES</i>          |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 495                                                                   | 6534  | \$647,107          |                  |                  |                  |                  |                  |                       | \$647,107          |
| Total Fund 495:                                                       |       |                    | \$647,107        |                  |                  |                  |                  |                       | \$647,107          |
| <i>Water &amp; Sewer Regional Master Plan 2017   ENGINEERING FEES</i> |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 496                                                                   | 6534  | \$32,586           |                  |                  |                  |                  |                  |                       | \$32,586           |
| Total Fund 496:                                                       |       |                    | \$32,586         |                  |                  |                  |                  |                       | \$32,586           |
| <b>GRAND TOTAL:</b>                                                   |       | <b>\$1,179,694</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$5,810,838</b>    | <b>\$5,619,694</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

This cost estimate is based on a previous cost for items such as semiannual and corrective action cost reports; engineer's cost estimate for program management plan reports, procedures, and standards; consultant staff utilization rate; and staff hourly rate of \$146/hr. This estimate will cover program management cost through September 2026.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 18

**Design / Permitting:** 18

**Bidding / Award:** 0

**Construction / Closeout:** 0



## NE 25TH AVE 24" FORCE MAIN REPLACEMENT

**PROJECT#: 12383**

**Project Mgr:** Rohan Punit x5859  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** NE 25th Ave from Commercial Boulevard to Oakland Park Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is for the construction costs of the replacement of a deteriorated 24-inch diameter ductile iron pipe (DIP) sewer force main measuring approximately 5500 linear feet (LF). The force main is located along NE 25th Avenue, from Commercial Blvd. to Oakland Park Avenue.

**Justification:** This existing 24 inch section of force main is one of the oldest in the City's system, and has far exceeded its life cycle, making it susceptible to breakage and possible sanitary sewer overflows (SSO). For these reasons, this section of force main has been identified for evaluation and rehabilitation as needed, per Exhibit C of the Consent Order Agreement.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                  | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Central Region/Wastewater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |         |         |                             |                  |
| 451                                                     | 6501  |              |         |         |         |         |         |                             | \$0              |
| Central Region/Wastewater   CONSTRUCTION                |       |              |         |         |         |         |         |                             |                  |
| 451                                                     | 6599  |              |         |         |         |         |         | \$872,431                   | \$0              |
| Total Fund 451:                                         |       |              |         |         |         |         |         | \$872,431                   | \$0              |
| <b>GRAND TOTAL:</b>                                     |       |              |         |         |         |         |         | <b>\$872,431</b>            | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate based on the initial estimate provided in the Reiss report and additional funding needs resulting from City Project Management costs.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 3  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# NE 38TH ST 42 INCH FM AND NE 19TH AVE 24 INCH FM R

## PROJECT#: 12384

**Project Mgr:** Rohan Punit x5859  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** NE 38th Street and NE 19th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** The first part of this project will consist of replacing approximately 8000 linear feet of deteriorated 42-inch diameter sewer force main along NE 38th Street, between N. Dixie Hwy. and Coral Ridge Club. In addition, approximately 3000 linear feet of 24" new sewer force main will be installed along NE 19th Avenue, between NE 38th Street and NE 32nd Street.

**Justification:** This existing 42 inch section of force main is one of the oldest in the City's system, and has far exceeded its life cycle, making it susceptible to breakage and possible sanitary sewer overflows (SSO). For these reasons, this section of force main has been identified for evaluation and rehabilitation as needed, per Exhibit C of the Consent Order Agreement.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|----------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 451                                                            | 6501  |              |         |         |         |         |         |                             | \$0              |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 451                                                            | 6599  |              |         |         |         |         |         | \$1,421,614                 | \$0              |
| Total Fund 451:                                                |       |              |         |         |         |         |         | \$1,421,614                 | \$0              |
| <b>GRAND TOTAL:</b>                                            |       |              |         |         |         |         |         | <b>\$1,421,614</b>          | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate based on the initial estimate provided in the Reiss report and additional funding needs resulting from City Project Management costs.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2

**Design / Permitting:** 4

**Bidding / Award:** 2

**Construction / Closeout:** 4



# SE 10TH AVE 48" FORCE MAIN REPLACEMENT AND 36" BYP

## PROJECT#: 12385

**Project Mgr:** Viviana Torres  
x6236  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** SE 10th Avenue from E Sunrise Blvd to SE 7th  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project consists of replacing approximately 13,400 linear feet of deteriorated 48-inch diameter sewer force main along SE 10th Ave., between E. Sunrise Blvd and P.S. A15, and installing approximately 5,400 linear feet of 36" force main Federal Highway to serve as a bypass and redundancy in the system.

**Justification:** The existing 48-inch force main has experienced several breaks requiring emergency repairs over the last few years, some of them resulting in Sanitary Sewer Overflow (SSO) events in violation of Florida Department of Environmental Protection (FDEP) regulations. In addition, this section of force main is one of the oldest in the City's system and has far exceeded its life cycle. For these reasons, this section of force main has been identified for evaluation and rehabilitation as needed, per Exhibit C of the Consent Order Agreement. In addition, the 36" bypass will build in redundancy in the system and allow for future demand growths.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                              | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-----------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Central Region/Wastewater   ENGINEERING FEES</i> |       |              |         |         |         |         |         |                             |                  |
| 451                                                 | 6534  |              |         |         |         |         |         | \$252,430                   | \$0              |
| Total Fund 451:                                     |       |              |         |         |         |         |         | \$252,430                   | \$0              |
| <b>GRAND TOTAL:</b>                                 |       |              |         |         |         |         |         | <b>\$252,430</b>            | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Additional funding needs resulting from the updated city project management cost, scope definition and updated construction cost estimate based on the unit cost in the Comprehensive Utility Strategic Master Plan.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2

**Design / Permitting:** 4

**Bidding / Award:** 2

**Construction / Closeout:** 4



# REGIONAL B RE-PUMP VARIABLE FREQUENCY DRIVE (VFD)

**PROJECT#: 12467**

**Project Mgr:** Steve Roberts x7855  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the replacement of the Variable Frequency and Drives (VFD) and all related components at regional wastewater pump stations B & E Re-Pumps.

**Justification:** The VFD have a projected useful life expectancy of 10 years. After 10 years, they are no longer supported by the manufacturer and may have critical failure rendering the pumping system inoperable. These units were installed in 2009.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 451                                             | 6599  |              |         |         |         |         |         | \$730,052             | \$0           |
| Total Fund 451:                                 |       |              |         |         |         |         |         | \$730,052             | \$0           |
| <b>GRAND TOTAL:</b>                             |       |              |         |         |         |         |         | <b>\$730,052</b>      | <b>\$0</b>    |

## Comments:

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget, at this time.

## Cost Estimate Justification:

The cost estimate is based on an estimate from prior work by the Water/Wastewater Consultant at George T. Lohmeyer and it is included in the annual Renewal & Replacement Document. This project restores a current deteriorated asset.

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 3  
**Construction / Closeout:** 4



# GTL CHLORINE SCRUBBER

**PROJECT#: 12468**

**Project Mgr:** Miguel Arroyo x7806  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project will fund the chlorine scrubber replacement at the George T. Lohmeyer Wastewater Treatment Plant (GTL).

**Justification:** The scrubber has a useful life of 10 years according to the Central Region Wastewater System Renewal and Replacement Requirement Analysis. This drive was installed in 2006. The scrubber is an integral part of the facility's Risk Management Plan and must be maintained according to this plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 451                                             | 6599  |              |         |         |         |         |         | \$429,524             | \$0           |
| Total Fund 451:                                 |       |              |         |         |         |         |         | \$429,524             | \$0           |
| <b>GRAND TOTAL:</b>                             |       |              |         |         |         |         |         | <b>\$429,524</b>      | <b>\$0</b>    |

## Comments:

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget at this time.

## Cost Estimate Justification:

The cost estimate is based on an estimate from prior work by the Water/Wastewater Consultant at George T. Lohmeyer Wastewater Treatment Plant (GTL) and it is included in the annual Renewal & Replacement Document. This project restores current deteriorated asset.

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 3  
**Construction / Closeout:** 3



# FLORIDA DEPARTMENT ENVIRONMENTAL PROTECTION PERMIT

## PROJECT#: FY 20150275

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the renewal of Florida Department of Environmental Protection George T. Lohmeyer Wastewater Treatment Plant (GTL) Operating Permit.

**Justification:** The operating permit for GTL must be renewed every five (5) years. Renewal applications must be submitted 180 days prior to expiration date of May 4, 2022.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|----------------------------------------------------------------|-------|--------------|---------|---------|------------------|---------|---------|-----------------------|------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |              |         |         |                  |         |         |                       |                  |
| 451                                                            | 6599  |              |         |         | \$162,498        |         |         |                       | \$162,498        |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>            |       |              |         |         |                  |         |         |                       |                  |
| 451                                                            | 6534  |              |         |         | \$30,000         |         |         |                       | \$30,000         |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |                  |         |         |                       |                  |
| 451                                                            | 6501  |              |         |         | \$30,000         |         |         |                       | \$30,000         |
| Total Fund 451:                                                |       |              |         |         | \$222,498        |         |         |                       | \$222,498        |
| <b>GRAND TOTAL:</b>                                            |       |              |         |         | <b>\$222,498</b> |         |         |                       | <b>\$222,498</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget at this time.

### Cost Estimate Justification:

This cost estimate is based on the cost of the previous project (P12173) to renew the Florida Department of Environmental Protection operating permit at George T. Lohmeyer Wastewater Treatment Plant. This project affects parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 3  
**Construction / Closeout:** 4





# GEORGE T. LOHMEYER (GTL) CHLORINE SCRUBBER

## PROJECT#: FY 20150292

**Project Mgr:** Miguel Arroyo x7806  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project will fund the chlorine scrubber replacement at the George T. Lohmeyer (GTL) Water Treatment Plant.

**Justification:** The scrubber has a useful life of ten years according to the 2013 Central Region Wastewater System Renewal and Replacement Requirement Analysis. This drive was installed in 2006. The scrubber is an integral part of the facility's Risk Management Plan, and must be maintained according to this plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 451                                             | 6599  |              |         |         |         |         |         | \$829,521             | \$0           |
| Total Fund 451:                                 |       |              |         |         |         |         |         | \$829,521             | \$0           |
| <b>GRAND TOTAL:</b>                             |       |              |         |         |         |         |         | <b>\$829,521</b>      | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** There is no impact to the operating budget, at this time.

### Cost Estimate Justification:

The cost estimate is based on an estimate from prior work by the Water/Wastewater Consultant at George T. Lohmeyer and it is included in the annual Renewal & Replacement Document. This project restores current deteriorated asset. This project will affect parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 3

**Construction / Closeout:** 3



## GTL GRIT PUMPS REPLACEMENT

**PROJECT#: FY 20170517**

**Project Mgr:** Justin Murray  
x4122  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the replacement of the four grit pumps which are part of the plant's pre-treatment to remove any grit, sand, etc. at the George T. Lohmeyer (GTL) Regional Wastewater Plant

**Justification:** The four grit pumps at George T. Lohmeyer Regional Wastewater Plant are due for replacement. These pumps have exceeded their service life.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021  | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------|-------|--------------|---------|----------|---------|---------|---------|-----------------------|---------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |          |         |         |         |                       |               |
| 451                                             | 6599  |              |         | \$59,214 |         |         |         |                       | \$59,214      |
| Total Fund 451:                                 |       |              |         | \$59,214 |         |         |         |                       | \$59,214      |
| <b>GRAND TOTAL:</b>                             |       |              |         | \$59,214 |         |         |         |                       | \$59,214      |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | \$0           |

**Comments:**

### Cost Estimate Justification:

Central Region Wastewater System 2016 Renewal and Replacement Requirement Analysis. This project will affect parcels Citywide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 1



## GTL SLUDGE TRANSFER PUMPS

**PROJECT#: FY 20170518**

**Project Mgr:** Justin Murray x4122  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the replacement of two sludge transfer pumps that are used to move the thickened sludge to the dewatering feed well at the George T. Lohmeyer (GTL) Regional Wastewater Plant.

**Justification:** These pumps have exceeded their service life and need to be replaced.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021  | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------|-------|--------------|---------|----------|---------|---------|---------|-----------------------|---------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |          |         |         |         |                       |               |
| 451                                             | 6599  |              |         | \$38,447 |         |         |         |                       | \$38,447      |
| Total Fund 451:                                 |       |              |         | \$38,447 |         |         |         |                       | \$38,447      |
| <b>GRAND TOTAL:</b>                             |       |              |         | \$38,447 |         |         |         |                       | \$38,447      |

**Comments:** These pumps were replaced in 2016 and their cost has increased.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | \$0           |

**Comments:**

### Cost Estimate Justification:

Cost estimate justified by the Central Region Wastewater System 2016 Renewal and Replacement Requirement Analysis. This project will affect parcels Citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 1



## GTL SEAL WATER SYSTEM

**PROJECT#: FY 20170519**

**Project Mgr:** Miguel Arroyo x7806  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** The George T. Lohmeyer (GTL) Regional Wastewater Plant is a skid mounted system with a tank, motors, pumps, valves, etc. This project will replace the existing seal water system.

**Justification:** Per the Central Region Wastewater System 2016 Renewal and Replacement Requirement Analysis, the seal system has exceeded its service life and needs to be replaced.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021  | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------|-------|--------------|---------|----------|---------|---------|---------|-----------------------|---------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |          |         |         |         |                       |               |
| 451                                             | 6599  |              |         | \$33,854 |         |         |         |                       | \$33,854      |
| Total Fund 451:                                 |       |              |         | \$33,854 |         |         |         |                       | \$33,854      |
| <b>GRAND TOTAL:</b>                             |       |              |         | \$33,854 |         |         |         |                       | \$33,854      |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

### Cost Estimate Justification:

Cost estimate justified in the Central Region Wastewater System 2016 Renewal and Replacement Requirement Analysis. This project will affect parcels Citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 2

**Construction / Closeout:** 1



# GEORGE T. LOHMEYER SLUDGE HOLDING TANK DECANTING

## PROJECT#: FY 20170520

**Project Mgr:** Justin Murray  
x4122  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** The George T. Lohmeyer Regional Wastewater Plant sludge holding tank has 12 valves that are used to remove the excess water in the sludge being sent to dewatering. This project will replace the existing valves.

**Justification:** Per the Central Region Wastewater System 2016 Renewal and Replacement Requirement Analysis, these valves have exceeded their service life and needs to be replaced.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021   | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------|-------|--------------|---------|-----------|---------|---------|---------|-----------------------|---------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |           |         |         |         |                       |               |
| 451                                             | 6599  |              |         | \$284,227 |         |         |         |                       | \$284,227     |
| Total Fund 451:                                 |       |              |         | \$284,227 |         |         |         |                       | \$284,227     |
| <b>GRAND TOTAL:</b>                             |       |              |         | \$284,227 |         |         |         |                       | \$284,227     |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | \$0           |

**Comments:**

### Cost Estimate Justification:

Cost estimate justified by the Central Region Wastewater System 2016 Renewal and Replacement Requirement Analysis. This project will affect parcels Citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 1



# GTL CHLORINE FLASH MIX REMODEL

**PROJECT#: FY 20190740**

**Project Mgr:** Justin Murray x4122 **Department:** Public Works **Address:** GTL Regional Wastewater Treatment Plant  
**Fund:** 451 Central Region/Wastewater **City:** Fort Lauderdale  
**District:** ☒ I ☒ II ☒ III ☒ IV **State:** FL  
**Zip:** 33316

**Description:** The George T. Lohmeyer Wastewater Treatment Plant (GTL) has one chlorine flash mix basin where chlorine is injected to effluent before discharge. This project will require bypass pumping of the basin to enable concrete inspection and repairs and to replace all slide gates. Chlorine injection will also be moved upstream.

**Justification:** Per Central Region Wastewater System Renewal and Replacement Requirement Analysis, chlorine system requires replacement, additionally, a sanitary sewer overflow (SSO) was attributed to the corroded condition of the concrete. Additional SSOs will be likely in the future when effluent pumps lose power.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4) **Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022          | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|-------------------------------------------------|-------|--------------|------------------|------------------|------------------|---------|---------|-----------------------|--------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |                  |                  |                  |         |         |                       |                    |
| 451                                             | 6599  |              | \$434,000        | \$620,000        | \$496,000        |         |         |                       | \$1,550,000        |
| Total Fund 451:                                 |       |              | \$434,000        | \$620,000        | \$496,000        |         |         |                       | \$1,550,000        |
| <b>GRAND TOTAL:</b>                             |       |              | <b>\$434,000</b> | <b>\$620,000</b> | <b>\$496,000</b> |         |         |                       | <b>\$1,550,000</b> |

**Comments:** Bypass pumping of approximately \$1.0 million plus construction/engineering costs of \$1.0 million

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** None

## Cost Estimate Justification:

Current Project P11733 Schedule of Values Bypass Pumping and costs in the annual Renewal & Replacement Document. This project will affect parcels Citywide.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# EFFLUENT PUMPS STANDBY GENERATOR & ADMIN BLDG IMPR

**PROJECT#: FY 20190741**

**Project Mgr:** Justin Murray x4122  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** GTL  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** The George T. Lohmeyer Wastewater Treatment Plant (GTL) has no standby electrical power for the effluent pumps. When Florida Power and Light (FPL) power is lost, the effluent discharges to the Intracoastal, requiring Florida Department of Environmental Protection notification. This project will require significant upgrades to the Administration Building to add a 10 megawatt gas-turbine emergency generator on a new second floor.

**Justification:** George T. Lohmeyer Wastewater Treatment Plant, currently, has no backup power supply for the five (5) effluent pumps. This project will supply that backup and obtain Business Energy Efficiency Rebates as identified in the 2017 Comprehensive Utility Strategic Master Plan.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|---------------------|
| Central Region/Wastewater   CONSTRUCTION |       |              |         |         |         |         |         |                             |                     |
| 451                                      | 6599  |              |         |         |         |         |         | \$15,400,300                | \$0                 |
| Total Fund 451:                          |       |              |         |         |         |         |         |                             | \$0                 |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         |         |         |                             | <b>\$15,400,300</b> |

**Comments:** This project will be added to the Repair and Replacement during the 2018 review cycle.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

Current Project P11733 Schedule of Values Bypass Pumping and other work. This project restores current deteriorated asset. This project will affect parcels Citywide.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## GTL ROADWAY RESURFACING

### PROJECT#: FY 20190742

**Project Mgr:** Justin Murray  
x4121  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** GTL  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is to resurface roadways within George T. Lohmeyer Wastewater Treatment Plant (GTL) fence line.

**Justification:** These roadways are sinking or damaged and need to be resurfaced.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|------------------|---------|---------|---------|-----------------------------|------------------|
| Central Region/Wastewater   CONSTRUCTION |       |              |         |                  |         |         |         |                             |                  |
| 451                                      | 6599  |              |         | \$460,696        |         |         |         |                             | \$460,696        |
| Total Fund 451:                          |       |              |         | \$460,696        |         |         |         |                             | \$460,696        |
| <b>GRAND TOTAL:</b>                      |       |              |         | <b>\$460,696</b> |         |         |         |                             | <b>\$460,696</b> |

**Comments:** From 2017 Repair and Replacement Analysis

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

2017 Renewal and Replacement Requirement Analysis Report by CDM Smith.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1





# DEEPWELL ELECTRIC POWER, INSTRUMENTATION & CONTROL

## PROJECT#: FY 20190744

**Project Mgr:** Justin Murray  
x4122  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 1000 SE 21st Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** The Deepwell Underground Injection site is the location of final disposal of treated effluent from the George T. Lohmeyer Wastewater Treatment Plant. This site consists of 5 wells with associated instrumentation and electrically actuated control valves that inject the treated water. This project will replace the underground electrical conduit and electrical feeders to the equipment for the 5 wells. The site is over 1200 feet in length and the new conduit will extend across nearly the entire length. This project will require excavation of the existing conduit and the transition of electrical feeders one (1) well at a time.

**Justification:** The underground electrical conduit is obsolete and corroded. The elements of the weather have gotten into the underground electrical conduit and has damaged the instrumentation wiring. If this is not fixed, it will damage electrical wiring, which would hinder the operation of the wells.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020          | FY 2021            | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------------|-------|--------------|------------------|--------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |                  |                    |         |         |         |                             |                    |
| 451                                             | 6599  |              | \$235,082        | \$2,200,023        |         |         |         |                             | \$2,435,105        |
| Total Fund 451:                                 |       |              | \$235,082        | \$2,200,023        |         |         |         |                             | \$2,435,105        |
| <b>GRAND TOTAL:</b>                             |       |              | <b>\$235,082</b> | <b>\$2,200,023</b> |         |         |         |                             | <b>\$2,435,105</b> |

**Comments:** This is a new project needing to be entered into the Repair and Replacement during the 2018 review cycle.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is no impact to the operating budget at this time.

### Cost Estimate Justification:

The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects. This project will affect parcels Citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# REDUNDANT EFFLUENT PIPELINE TO WELLFIELD

## PROJECT#: FY 20200831

**Project Mgr:** Justin Murray x4122 **Department:** Public Works **Address:** 1765 SE 18th St, Fort Lauderdale, FL 33316  
**Fund:** 451 Central Region/Wastewater **City:** Fort Lauderdale  
**District:** ☒ I ☒ II ☒ III ☒ IV **State:** FL  
**Zip:** 33316

**Description:** This project will install a Redundant Effluent Pipeline from George.T. Lohmeyer (GTL) Wastewater Treatment Plant to a DeepWell Site.

**Justification:** GTL needs a backup pipeline to the single line now in place. This pipeline will provide a bypass route to allow inspection of existing pipe and lining or replacement as planned in the \$6 million dollar Phase II of consent order.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                         | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022            | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|----------------------------------------------------------------|-------|--------------|------------------|------------------|--------------------|---------|---------|-----------------------------|--------------------|
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i> |       |              |                  |                  |                    |         |         |                             |                    |
| 451                                                            | 6501  |              | \$300,000        | \$300,000        | \$300,000          |         |         |                             | \$900,000          |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>            |       |              |                  |                  |                    |         |         |                             |                    |
| 451                                                            | 6534  |              | \$200,000        | \$200,000        | \$200,000          |         |         |                             | \$600,000          |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                |       |              |                  |                  |                    |         |         |                             |                    |
| 451                                                            | 6599  |              | \$10,000         | \$10,000         | \$4,500,000        |         |         |                             | \$4,520,000        |
| Total Fund 451:                                                |       |              | \$510,000        | \$510,000        | \$5,000,000        |         |         |                             | \$6,020,000        |
| <b>GRAND TOTAL:</b>                                            |       |              | <b>\$510,000</b> | <b>\$510,000</b> | <b>\$5,000,000</b> |         |         |                             | <b>\$6,020,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The cost estimate is based on the similar Consent Order Phase II project with appropriate engineering /admin costs added. This project will affect parcels Citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 4

**Design / Permitting:** 2

**Bidding / Award:** 1

**Construction / Closeout:** 3



# GEORGE T. LOHMEYER (GTL) BELT PRESSES

**PROJECT#: FY 20200864**

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 451 Central Region/Wastewater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1765 SE 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** The project is for replacement of biosolids dewatering equipment at the George T. Lohmeyer (GTL) Waste Water Treatment Plant which currently consists of seven belt filter presses.

**Justification:** The belt presses were installed in 1999, and have a useful life of approximately 18 years according to the 2014 Central Regional Wastewater System Renewal and Replacement Requirement Analysis. They have been maintained over the last 18 years, and have reached the end of their useful life. There may be other newer technologies available for dewatering biosolids.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024            | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|-------------------------------------------------|-------|--------------|---------|---------|---------|---------|--------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   CONSTRUCTION</i> |       |              |         |         |         |         |                    |                       |                    |
| 451                                             | 6599  |              |         |         |         |         | \$1,021,441        | \$2,553,602           | \$1,021,441        |
| Total Fund 451:                                 |       |              |         |         |         |         | \$1,021,441        | \$2,553,602           | \$1,021,441        |
| <b>GRAND TOTAL:</b>                             |       |              |         |         |         |         | <b>\$1,021,441</b> | <b>\$2,553,602</b>    | <b>\$1,021,441</b> |

**Comments:**

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

## Cost Estimate Justification:

The cost estimate is based on an estimate from prior work by the wastewater consultant at George T. Lohmeyer Waste Water Treatment Plant (GTL) and it is included in the annual Central Region Wastewater System Renewal and Replacement Report Document. This project restores current deteriorated asset. This project will affect parcels Citywide.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 3  
**Construction / Closeout:** 4

# Water and Sewer Fund CIP







## SOUTH MIDDLE RIVER SEWER BASIN A-29 REHAB

### PROJECT#: 11163

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 1600 N Andrews Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for the rehabilitation of selected mainline sewers and laterals in Sewer Basin A-29. Rehabilitation is done by using the cured-in-place pipe method. The work will include pre and post Closed Circuit Television (CCTV) survey, flow monitoring, flow bypass, traffic control, site restoration, and all other related operations. This project is part of the Wastewater Conveyance System Long-term Remediation Program.

**Justification:** This project has been approved by the Commission and is based on the 2000 Water/Wastewater Master Plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$9,476,157                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$9,476,157                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$9,476,157</b>          | <b>\$0</b>       |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No operating budget impact has been determined at this time.

#### Cost Estimate Justification:

The cost estimate is based on current contract prices and addresses approximately 40% of excavated point repairs, gravity main lining, lateral lining, manhole repair and sealing. This project affects approximately 1,525 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 6



# 17TH ST. CAUSEWAY- LARGE WATERMAIN REPLACEMENT

## PROJECT#: 11465

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 17th Street Causeway  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the replacement of approximately 4,600 linear feet (LF) of existing 10-inch - 12-inch water mains on SE 17th Street, from SE 4th Avenue to Eisenhower Boulevard, with 24-inch water mains. The project will also include replacement of existing 12-inch water mains on Cordova Road, from SE 17th Street to SE 10th Avenue, and the replacement of existing 8-inch water main on SE 10th Avenue from Cordova Road to SE 20th Street, with approximately 2,100 LF of 12-inch water main.

**Justification:** This project was identified in the 2007 Water Master Plan Update.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |                  |                             |                  |
| 454                                               | 6599  |              |         |         |         |         | \$337,960        | \$3,319,510                 | \$337,960        |
| Total Fund 454:                                   |       |              |         |         |         |         | \$337,960        | \$3,319,510                 | \$337,960        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         | <b>\$337,960</b> | <b>\$3,319,510</b>          | <b>\$337,960</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budget impact at this time.

### Cost Estimate Justification:

The cost estimate was based on projects P12196 and P11080 line items. 20% has been added to the project for consulting, inspection and City project manager fees. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 3  
**Bidding / Award:** 3  
**Construction / Closeout:** 4



# VICTORIA PARK SEWER BASIN A-19 REHAB

## PROJECT#: 11563

**Project Mgr:** Luis Olivera  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 625 NE 19 Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project includes the rehabilitation of mainline sewers, manholes, and service laterals. Work includes pre and post television survey, flow monitoring, traffic control, and site restoration.

**Justification:** This project is needed to meet the water and sewer infrastructure improvement goals.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                                  | USAGE | AVAILABLE \$       | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------------------------------------|-------|--------------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                       |       |                    |                    |         |         |         |         |                             |                    |
| 454                                                                     | 6599  | \$292,859          | \$1,165,158        |         |         |         |         | \$3,769,275                 | \$1,458,017        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i>        |       |                    |                    |         |         |         |         |                             |                    |
| 454                                                                     | 6501  | \$125,438          |                    |         |         |         |         |                             | \$125,438          |
| Total Fund 454:                                                         |       | \$418,297          | \$1,165,158        |         |         |         |         | \$3,769,275                 | \$1,583,455        |
| <i>Water &amp; Sewer Master Plan 2017   FORCE CHARGES / ENGINEERING</i> |       |                    |                    |         |         |         |         |                             |                    |
| 495                                                                     | 6501  | \$(36,064)         |                    |         |         |         |         |                             | \$(36,064)         |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i>                |       |                    |                    |         |         |         |         |                             |                    |
| 495                                                                     | 6599  | \$1,476,304        |                    |         |         |         |         |                             | \$1,476,304        |
| Total Fund 495:                                                         |       | \$1,440,240        |                    |         |         |         |         |                             | \$1,440,240        |
| <b>GRAND TOTAL:</b>                                                     |       | <b>\$1,858,537</b> | <b>\$1,165,158</b> |         |         |         |         | <b>\$3,769,275</b>          | <b>\$3,023,695</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budget Impact determined at this time.

### Cost Estimate Justification:

The requested funds will cover the rehabilitation of 100% of the sewer basin based on a cost estimate that uses recent bid prices. This project will affect approximately 1,367 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 8





# CORAL RIDGE CLUB ESTATES B-1 SEWER BASIN REHAB

## PROJECT#: 11565

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 3700 Bayview Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers in Basin B-1. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** Rehabilitation of sanitary sewer collection mains and laterals is required to reduce inflow and infiltration, which can adversely impact the system's capacity to transmit and treat wastewater. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$   | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|----------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                |         |         |         |         |         |                             |                  |
| 454                                                              | 6501  | \$81,819       |         |         |         |         |         |                             | \$81,819         |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                |         |         |         |         |         |                             |                  |
| 454                                                              | 6534  | \$272,727      |         |         |         |         |         |                             | \$272,727        |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                |         |         |         |         |         |                             |                  |
| 454                                                              | 6599  | \$(353,410)    |         |         |         |         |         | \$12,170,081                | \$(353,410)      |
| Total Fund 454:                                                  |       | \$1,136        |         |         |         |         |         | \$12,170,081                | \$1,136          |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$1,136</b> |         |         |         |         |         | <b>\$12,170,081</b>         | <b>\$1,136</b>   |

**Comments:** Project reprioritized. Transfer \$250,000 on consolidated budget amendment 6/2/14 to P 11563 -VICTORIA PARK SEWER BASIN A-19 REHAB, to fund necessary current year work.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budget Impact determined at this time.

### Cost Estimate Justification:

The cost estimate is based on average unit cost for completed and ongoing sewer rehab projects. Costs include Closed Circuit Television (CCTV), cleaning, manhole rehab, mainline & lateral lining. An additional 15% has been added for consultant, Construction, Engineering, & Inspection (CEI) services and City project management fees. This project will affect approximately 2,000 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 6



# BASIN B-6 SANITARY SEWER SYSTEM REHAB

**PROJECT#: 11664**

**Project Mgr:** Luis Olivera  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 2541 Bayview Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33305

**Description:** Sanitary sewer collection system rehabilitation, located at Basin B-6 (Coral Ridge area). The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post television survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** Rehabilitation of sanitary sewer collection mains and laterals is required to reduce inflow and infiltration, which can adversely impact system capacity to transmit and treat wastewater. This is a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to the treatment plant.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$   | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|----------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                |         |         |         |         |         |                             |                  |
| 454                                                              | 6599  | \$(255,753)    |         |         |         |         |         | \$6,343,109                 | \$(255,753)      |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                |         |         |         |         |         |                             |                  |
| 454                                                              | 6501  | \$69,557       |         |         |         |         |         | \$633,677                   | \$69,557         |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                |         |         |         |         |         |                             |                  |
| 454                                                              | 6534  | \$187,500      |         |         |         |         |         |                             | \$187,500        |
| Total Fund 454:                                                  |       | \$1,304        |         |         |         |         |         | \$6,976,786                 | \$1,304          |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$1,304</b> |         |         |         |         |         | <b>\$6,976,786</b>          | <b>\$1,304</b>   |

## Comments:

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budget impact determined at this time.

## Cost Estimate Justification:

The requested funds will cover the rehabilitation of approximately 50% of the sewer basin, based on a cost estimate that uses Miller Pipeline's prices in effect in 2015, with a multiplier for 2019. This project will affect approximately 763 parcels.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 8



# BERMUDA RIVIERA B-2 SEWER BASIN REHAB

## PROJECT#: 11864

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 3601 NE 32nd Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project is for the relining of sanitary sewer collection mains and laterals in Basin B-2. The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers. It will employ the use of trenchless technologies to repair sewer system components such as the lining of gravity sewers, manholes, and sewer laterals. The work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is a 2007 Master Plan recommendation. Rehabilitation of sanitary sewer collection mains and laterals is required to reduce inflow and infiltration which can adversely impact the system capacity to transmit and treat wastewater. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contribute additional sewage to George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$   | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING  |
|------------------------------------------------------------------|-------|----------------|---------|---------|---------|---------|---------|-----------------------|----------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                |         |         |         |         |         |                       |                |
| 454                                                              | 6501  | \$73,409       |         |         |         |         |         | \$809,440             | \$73,409       |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                |         |         |         |         |         |                       |                |
| 454                                                              | 6534  | \$196,154      |         |         |         |         |         | \$121,416             | \$196,154      |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                |         |         |         |         |         |                       |                |
| 454                                                              | 6599  | \$(268,407)    |         |         |         |         |         | \$4,096,920           | \$(268,407)    |
| Total Fund 454:                                                  |       | \$1,156        |         |         |         |         |         | \$5,027,776           | \$1,156        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$1,156</b> |         |         |         |         |         | <b>\$5,027,776</b>    | <b>\$1,156</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No operating budgetary impact determined at this time.

### Cost Estimate Justification:

This funding will facilitate restoration of 50% of deteriorated sewer mains, laterals, and manholes at a cost of \$244.61 per linear feet. This project will affect approximately 6,875 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 6



# CORAL RIDGE ISLES B-13 SEWER BASIN REHAB

**PROJECT#: 11865**

**Project Mgr:** Luis Olivera  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 5751 NE 7th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33334

**Description:** This project includes the rehabilitation of the sanitary sewer collection system throughout Basin B-13. It includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers. It will employ the use of trenchless technologies to repair sewer system components such as the lining of gravity sewers, manholes, and sewer laterals. The work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** The rehabilitation of the sanitary sewer collection mains and laterals is required to reduce inflow and infiltration. This can adversely impact system capacity to transmit and treat wastewater. This is a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$   | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING  |
|------------------------------------------------------------------|-------|----------------|---------|---------|---------|---------|---------|-----------------------|----------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                |         |         |         |         |         |                       |                |
| 454                                                              | 6599  | \$(342,000)    |         |         |         |         |         | \$4,914,769           | \$(342,000)    |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                |         |         |         |         |         |                       |                |
| 454                                                              | 6501  | \$70,988       |         |         |         |         |         | \$490,986             | \$70,988       |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                |         |         |         |         |         |                       |                |
| 454                                                              | 6534  | \$272,747      |         |         |         |         |         |                       | \$272,747      |
| Total Fund 454:                                                  |       | \$1,735        |         |         |         |         |         | \$5,405,755           | \$1,735        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$1,735</b> |         |         |         |         |         | <b>\$5,405,755</b>    | <b>\$1,735</b> |

## Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No budgetary impact determined at this time.

## Cost Estimate Justification:

The requested funds will cover the rehabilitation of 100% of the sewer basin, based on recent bid prices. This project will affect approximately 984 parcels.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 8



## B-22 PUMP STATION REPLACEMENT

**PROJECT#: 11882**

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 3701 NE 65th Court  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the replacement of existing wet pit and dry pit stations with a new duplex submersible station on site adjacent to the existing station. The scope of this project will include the abandonment of the old station.

**Justification:** Pump Station B-22 is part of a group of pump stations identified under the Wastewater Master Plan for rehabilitation or replacement. This group was identified as Phase III Pump Station Rehabilitation.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$     | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------------------------------|-------|------------------|---------|------------------|---------|---------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                  |         |                  |         |         |         |                       |                    |
| 454                                                              | 6599  | \$372,694        |         | \$656,736        |         |         |         |                       | \$1,029,430        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                  |         |                  |         |         |         |                       |                    |
| 454                                                              | 6501  | \$52,390         |         |                  |         |         |         |                       | \$52,390           |
| <i>Water and Sewer Master Plan   TESTING SERVICES</i>            |       |                  |         |                  |         |         |         |                       |                    |
| 454                                                              | 6546  | \$(1,896)        |         |                  |         |         |         |                       | \$(1,896)          |
| Total Fund 454:                                                  |       | \$423,189        |         | \$656,736        |         |         |         |                       | \$1,079,925        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$423,189</b> |         | <b>\$656,736</b> |         |         |         |                       | <b>\$1,079,925</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This is a refurbishment of a current deteriorated asset. There is no anticipated additional impact on operating budget.

### Cost Estimate Justification:

Cost estimate based on project cost for D-10 and D-11 rehabilitation which were of similar size and scope. An additional 30% has been added City project manager and Construction, Engineering, & Inspection (CEI) service fees. This project will affect approximately 40 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 6  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# DOWNTOWN SEWER BASIN PUMP STATION A-7 REHAB

## PROJECT#: 11991

**Project Mgr:** Luis Olivera  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 203 SW 1st Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The project includes point repairs, lateral service connections, minor road restoration and landscaping, and the rehabilitation of mainline sewers for Pump Station A-7. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals. The work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This sewer basin area was earmarked as part of the 2007 Wastewater Master Plan to be rehabilitated. This sanitary sewer basin was identified as having excessive inflow and infiltration contribution to the George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$       | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------------|---------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                    |         |         |         |         |         |                             |                    |
| 454                                                              | 6599  | \$4,978,160        |         |         |         |         |         | \$6,505,634                 | \$4,978,160        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                    |         |         |         |         |         |                             |                    |
| 454                                                              | 6501  | \$654,758          |         |         |         |         |         |                             | \$654,758          |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                    |         |         |         |         |         |                             |                    |
| 454                                                              | 6534  | \$(547,968)        |         |         |         |         |         |                             | \$(547,968)        |
| <i>Water and Sewer Master Plan   ADMINISTRATION</i>              |       |                    |         |         |         |         |         |                             |                    |
| 454                                                              | 6550  | \$(17)             |         |         |         |         |         |                             | \$(17)             |
| Total Fund 454:                                                  |       | \$5,084,933        |         |         |         |         |         | \$6,505,634                 | \$5,084,933        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$5,084,933</b> |         |         |         |         |         | <b>\$6,505,634</b>          | <b>\$5,084,933</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budgetary impact determined at this time.

### Cost Estimate Justification:

The requested funds, combined with the available funds, will cover the rehabilitation of 100% of the sewer basin based on a cost estimate that uses recent bid prices. This project will affect approximately 3,251 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 8



# SUPERVISORY CONTROL AND DATA ACQ CONTRACT

## PROJECT#: 12051

**Project Mgr:** Miguel Arroyo  
x7806  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for a specialized contractor to implement a Supervisory Control and Data Acquisition (SCADA) system within the Utilities Bureau. The contractor will be responsible for creating, constructing, and updating the necessary systems/equipment throughout the various water plants, the wastewater plant, and the water/wastewater distribution and sewer collection system.

**Justification:** Currently, the City's SCADA is 70% complete. This effort will make the system 100% complete. The SCADA systems improves operations and monitoring of the utility systems, and will be used to reduce the infiltration/inflow of the gravity wastewater sewer systems.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$    | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|-----------------|------------------|------------------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |                 |                  |                  |         |         |         |                             |                  |
| 454                                               | 6599  | \$96,993        | \$200,000        | \$200,000        |         |         |         |                             | \$496,993        |
| Total Fund 454:                                   |       | \$96,993        | \$200,000        | \$200,000        |         |         |         |                             | \$496,993        |
| <b>GRAND TOTAL:</b>                               |       | <b>\$96,993</b> | <b>\$200,000</b> | <b>\$200,000</b> |         |         |         |                             | <b>\$496,993</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

### Comments:

### Cost Estimate Justification:

This Supervisory Control And Data Acquisition (SCADA) system effort is a multi-year effort. Appropriated funding (about \$850K) shall be spread over the FY 2015 - FY 2020 period (i.e. about 200K + per year).

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 4  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 4



# PEELE-DIXIE WTP INJECTION WELL MIT

## PROJECT#: 12100

**Project Mgr:** Steve Hillberg, x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 1500 S. State Road 7  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** The Mechanical Integrity Test (MIT) includes casing pressure testing, geophysical logging, video surveying, temperature logging and radioactive tracer surveying of the 3,000 foot deep injection well.

**Justification:** Demonstration of mechanical integrity is required for the well every five years according to the Florida Administrative Code. The City must complete the Mechanical Integrity Test in pursuant to Florida Administrative Code, Rule 62-528.425(1) (d).

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6599  | \$23,907     | \$40,000         |         |         |         |         |                             | \$63,907         |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6501  | \$10,888     | \$40,000         |         |         |         |         |                             | \$50,888         |
| <i>Water and Sewer Master Plan   TESTING SERVICES</i>            |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6546  | \$(34,450)   |                  |         |         |         |         |                             | \$(34,450)       |
| <i>Water and Sewer Master Plan   ADMINISTRATION</i>              |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6550  | \$(345)      |                  |         |         |         |         |                             | \$(345)          |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6534  |              | \$40,000         |         |         |         |         |                             | \$40,000         |
| Total Fund 454:                                                  |       | \$0          | \$120,000        |         |         |         |         |                             | \$120,000        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$0</b>   | <b>\$120,000</b> |         |         |         |         |                             | <b>\$120,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budget Impact

### Cost Estimate Justification:

Cost from the prior effort were not used. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Secure our community's water supply

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 1





# DAVIE BLVD. 18" WATER MAIN ABANDONMENT I95 TO SW 9

## PROJECT#: 12184

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 300 Davie Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** A new 24-inch water main was installed to replace the old 18-inch cast iron water main under the Waterworks Program in 2005-2007 but the old main was never properly abandoned. This work will include identifying and relocating all the service lines currently tied to the 18-inch main and moving them to the 24-inch main. This work includes abandonment of approximately 7,788 linear feet of pipe to be abandoned from SW 18th Avenue to Andrews Avenue.

**Justification:** The old 18-inch cast iron water main has the potential to fail due to its age and condition. The pipe is oblong in shape, not circular. This condition makes repairs extremely difficult and they typically have to be performed by contract. Due to the sensitive location on a major east-west commuting route, this work should be completed before the pipe fails.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                   | USAGE | AVAILABLE \$     | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|----------------------------------------------------------|-------|------------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>        |       |                  |                    |         |         |         |         |                             |                    |
| 454                                                      | 6599  | \$(161,750)      | \$1,500,000        |         |         |         |         |                             | \$1,338,250        |
| Total Fund 454:                                          |       | \$(161,750)      | \$1,500,000        |         |         |         |         |                             | \$1,338,250        |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i> |       |                  |                    |         |         |         |         |                             |                    |
| 495                                                      | 6599  | \$525,500        |                    |         |         |         |         |                             | \$525,500          |
| Total Fund 495:                                          |       | \$525,500        |                    |         |         |         |         |                             | \$525,500          |
| <b>GRAND TOTAL:</b>                                      |       | <b>\$363,750</b> | <b>\$1,500,000</b> |         |         |         |         |                             | <b>\$1,863,750</b> |

**Comments:** Abandon construction to source priority projects.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

City Engineering Fees includes project management (+/-20%) \$225,000, consultant fees \$500,000, survey \$50,000, City construction management fees and construction fees. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# UTILITIES ASSET MANAGEMENT SYSTEM

## PROJECT#: 12190

**Project Mgr:** Brandy Leighton x5326  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the purchase and implementation of an utilities geographic information system (GIS) centric asset management system for Stormwater, Distribution and Collection and Treatment assets throughout the City. The software system will include long-range planning, life-cycle costing, proactive operations and maintenance, and capital replacement plans based on cost-benefit analysis.

**Justification:** The software will help keep track of the City's stormwater, sanitary sewer, and water distribution assets. It will serve as a integral part of monitoring these systems, identifying deficiencies, and performing the necessary upgrades and repairs. The utilities asset management system will support the water and sewer master plan, the consent order with Florida Department of Environmental Protection, and the stormwater master plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$       | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------------------------------|-------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   ADMINISTRATION</i>                |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6550  | \$170,000          |                  |                  |                  |                  |                  |                       | \$170,000          |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                  |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6599  | \$261,364          | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$1,236,492           | \$1,060,364        |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i>   |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6501  | \$(62)             |                  |                  |                  |                  |                  |                       | \$(62)             |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>              |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6534  | \$(99,969)         |                  |                  |                  |                  |                  |                       | \$(99,969)         |
| Total Fund 451:                                                  |       | \$331,333          | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$1,236,492           | \$1,130,333        |
| <i>Water and Sewer Master Plan   ADMINISTRATION</i>              |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6550  | \$125,000          |                  |                  |                  |                  |                  |                       | \$125,000          |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6501  | \$(3,216)          |                  |                  |                  |                  |                  |                       | \$(3,216)          |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6599  | \$790,790          | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$2,238,677           | \$3,657,790        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6534  | \$(355,575)        |                  |                  |                  |                  |                  |                       | \$(355,575)        |
| Total Fund 454:                                                  |       | \$556,999          | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$2,238,677           | \$3,423,999        |
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>                  |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6501  | \$(4,460)          |                  |                  |                  |                  |                  |                       | \$(4,460)          |
| <i>Stormwater   ADMINISTRATION</i>                               |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6550  | \$764,431          |                  |                  |                  |                  |                  |                       | \$764,431          |
| <i>Stormwater   EQUIPMENT PURCHASES</i>                          |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6564  | \$187,000          |                  |                  |                  |                  |                  |                       | \$187,000          |
| <i>Stormwater   CONSTRUCTION</i>                                 |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6599  | \$54,066           | \$40,000         | \$40,000         | \$40,000         | \$203,400        | \$40,000         | \$807,392             | \$417,466          |
| <i>Stormwater   ENGINEERING FEES</i>                             |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6534  | \$(127,461)        |                  |                  |                  |                  |                  |                       | \$(127,461)        |
| Total Fund 470:                                                  |       | \$873,576          | \$40,000         | \$40,000         | \$40,000         | \$203,400        | \$40,000         | \$807,392             | \$1,236,976        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$1,761,908</b> | <b>\$773,200</b> | <b>\$773,200</b> | <b>\$773,200</b> | <b>\$936,600</b> | <b>\$773,200</b> | <b>\$4,282,561</b>    | <b>\$5,791,308</b> |

**Comments:** Annual operating costs are to cover software annual license fees and staff needs (to manage and monitor the asset management system).

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                       |               |
| CHAR 30                             |              |         |         |         |         |         |                       | \$0           |

|              |            |
|--------------|------------|
| <b>TOTAL</b> | <b>\$0</b> |
|--------------|------------|

**Comments:** Costs are based from similar software annual operating license fees and staff expenses

**Cost Estimate Justification:**

The available funds are for purchasing of the asset management system, installation, training of staff, and initial software implementation. Future requested funds would allow collection and processing of additional utility assets such as the City's water and sewer treatment plants and the Distribution and Collection assets not collected during FY18. This project affects parcels city wide.

| Strategic Connections:  |                                                                            | Quarters To Perform Each Task:  |   |
|-------------------------|----------------------------------------------------------------------------|---------------------------------|---|
| <b>Cylinder:</b>        | Infrastructure                                                             | <b>Initiation / Planning:</b>   | 0 |
|                         |                                                                            | <b>Design / Permitting:</b>     | 0 |
| <b>Strategic Goals:</b> | Be a sustainable and resilient community                                   | <b>Bidding / Award:</b>         | 0 |
|                         |                                                                            | <b>Construction / Closeout:</b> | 0 |
| <b>Objectives:</b>      | Proactively maintain our water, wastewater, road and bridge infrastructure |                                 |   |



# PUBLIC WORKS ADMINISTRATION BUILDING AIR CONDITION

## PROJECT#: 12259

**Project Mgr:** Irina Tokar  
x6891  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 949 NW 38th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** Heating, ventilation, and air-conditioning system (HVAC) at the Public Works Administration Building is at the end of its life-cycle and requires many repairs resulting in yearly cost of approximately \$70,000. The existing system is not reliable, not energy efficient, provides poor temperature and humidity control and is very costly to maintain. Staff recommends HVAC system replacement, including two existing chillers, to save money in operational and maintenance cost as well as to provide much needed reliability for this essential facility.

**Justification:** It is critical the air conditioning equipment be operational 24/7 in the Public Works Administration Building as the following critical functions are housed in this facility: the 24 Hour Call Center, Treatment Laboratory, Water Distribution, Utilities Management, sensitive/critical Utilities Information Technology servers and other computer and telephone equipment.

**Source Of the Justification:** Press Forward Fort Lauderdale 2018, A Five-Year Strategic Plan

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$     | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------------------------------|-------|------------------|--------------------|---------|---------|---------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                  |                    |         |         |         |         |                       |                    |
| 454                                                              | 6501  |                  | \$300,000          |         |         |         |         |                       | \$300,000          |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                  |                    |         |         |         |         |                       |                    |
| 454                                                              | 6534  |                  | \$200,000          |         |         |         |         |                       | \$200,000          |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                  |                    |         |         |         |         |                       |                    |
| 454                                                              | 6599  | \$120,750        | \$1,952,500        |         |         |         |         |                       | \$2,073,250        |
| Total Fund 454:                                                  |       | \$120,750        | \$2,452,500        |         |         |         |         |                       | \$2,573,250        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$120,750</b> | <b>\$2,452,500</b> |         |         |         |         |                       | <b>\$2,573,250</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

The preliminary cost estimate is based on average square foot pricing for this type of facility.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Improve air and water quality and our natural environment

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 4  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# NEW UTILITIES CENTRAL LABORATORY - PEELE DIXIE WAT

## PROJECT#: 12296

**Project Mgr:** Irina Tokar  
x6891

**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV

**Address:** 1500 S State Road 7  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project is for the replacement of the City's Central Laboratory (lab), which is becoming obsolete, with a new modern state of the art laboratory. The new lab will be located on the second floor of the process building at the Peele Dixie Water Treatment Plant. This building is Category IV hurricane rated and would provide a safe location to conduct water quality testing immediately during and in the aftermath of a hurricane. The work will also include the addition of 13 parking spaces, men's and ladies' restrooms, and a negative pressure air condition system, with isolation between the various laboratory sections. The electrical supply system will also need to be updated, if needed, to support the furnaces used for the lab operations. The new lab will be state-of-the-art and will meet all of the National Environmental Laboratory Accreditation Conference (NELAC) Management System Institute's International Organization for Standardization (ISO) certification requirements.

**Justification:** The existing environmental laboratory is approximately 30 years old and has exceeded its service life. The lab is located on the third floor of the Administrative Building at 949 NW 38th Street. The building was built in the 1960's and is not hurricane rated. The current lab is small for all of the testing's functions (water and wastewater). The original lab has evolved over the years with more tests added and Quality Control/Assurance became paramount when the lab achieved its national NELAC Management System ISO certification in April 2014. The lab equipment is outdated (furnaces and testing apparatus). The building roof has frequent leaks. The corrosive nature of chemicals used in testing has caused plumbing fixtures and pipes breaks often causing leaks damaging offices in the floors below. The countertops in the original laboratory are made of asbestos material and have been subjected to chemical attacks, abrasion, and damages. This can be a safety issue.

**Source Of the Justification:** Sustainability Action Plan

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------|------------------|------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                  |                  |         |         |         |                             |                    |
| 454                                                              | 6599  |              | \$5,500          | \$905,000        |         |         |         |                             | \$910,500          |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                  |                  |         |         |         |                             |                    |
| 454                                                              | 6534  |              | \$120,000        |                  |         |         |         |                             | \$120,000          |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                  |                  |         |         |         |                             |                    |
| 454                                                              | 6501  |              | \$54,000         | \$54,000         |         |         |         |                             | \$108,000          |
| Total Fund 454:                                                  |       |              | \$179,500        | \$959,000        |         |         |         |                             | \$1,138,500        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$179,500</b> | <b>\$959,000</b> |         |         |         |                             | <b>\$1,138,500</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The preliminary cost estimate is based on average square foot pricing for this type of facility.

| Strategic Connections: |                                                                            | Quarters To Perform Each Task: |   |
|------------------------|----------------------------------------------------------------------------|--------------------------------|---|
| Cylinder:              | Infrastructure                                                             | Initiation / Planning:         | 1 |
| Strategic Goals:       | Be a sustainable and resilient community                                   | Design / Permitting:           | 3 |
|                        |                                                                            | Bidding / Award:               | 1 |
|                        |                                                                            | Construction / Closeout:       | 4 |
| Objectives:            | Proactively maintain our water, wastewater, road and bridge infrastructure |                                |   |



# UTILITY COORDINATION FLORIDA DEPARTMENT OF TRANSPORTATION

## PROJECT#: 12353

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** Florida Department of Transportation (FDOT) Future Projects in FY18 through FY22. Design of these projects is ongoing.

**Justification:** The FDOT is performing roadway improvements in areas where the City's Utilities might be impacted and Utilities will need adjustments or redesign.

**Source Of the Justification:** FDOT Work Plan (05/28/2013)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020         | FY 2021         | FY 2022         | FY 2023         | FY 2024         | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                 |                 |                 |                 |                 |                             |                  |
| 454                                                              | 6599  |              | \$50,000        | \$50,000        | \$50,000        | \$50,000        | \$50,000        |                             | \$250,000        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                 |                 |                 |                 |                 |                             |                  |
| 454                                                              | 6501  |              | \$40,000        | \$40,000        | \$40,000        | \$40,000        | \$40,000        |                             | \$200,000        |
| Total Fund 454:                                                  |       |              | \$90,000        | \$90,000        | \$90,000        | \$90,000        | \$90,000        |                             | \$450,000        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$90,000</b> | <b>\$90,000</b> | <b>\$90,000</b> | <b>\$90,000</b> | <b>\$90,000</b> |                             | <b>\$450,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Florida Department of Transportation (FDOT) is performing roadway improvements in areas where the City's Utilities might be impacted and Utilities will need adjustments or redesign. These funds will be used to pay for the City's redesign efforts for these types of projects. This project does not affect any parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 0

**Design / Permitting:** 0

**Bidding / Award:** 0

**Construction / Closeout:** 0



# PROGRAM MANAGEMENT FOR THE WATER AND SEWER CONSENT

## PROJECT#: 12375

**Project Mgr:** Brandy Leighton x5326  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-Wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project will consist of retaining the services of a Program Manager Consulting Team to manage the Consent Order program for the duration of the program from FY 2019 to FY 2026. The scope consists of general program management services, programmatic reports, and other services as needed to ensure that the deliverables and deadlines are met within the specified timeframe in the Consent Order Agreement.

**Justification:** These services will be required in order to complete and deliver in a timely manner the projects and services outlined in the Consent Order Agreement between the City and Florida Department of Environmental Protection.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                                | USAGE | AVAILABLE \$       | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|-----------------------------------------------------------------------|-------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   ENGINEERING FEES</i>                   |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                                   | 6534  |                    | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$3,634,997           | \$1,872,790        |
| Total Fund 451:                                                       |       |                    | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$3,634,997           | \$1,872,790        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>                 |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                                   | 6534  | \$500,000          | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$2,175,841           | \$3,067,210        |
| Total Fund 454:                                                       |       |                    | \$500,000        | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$2,175,841           | \$3,067,210        |
| <i>Water &amp; Sewer Master Plan 2017   ENGINEERING FEES</i>          |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 495                                                                   | 6534  | \$647,107          |                  |                  |                  |                  |                  |                       | \$647,107          |
| Total Fund 495:                                                       |       |                    | \$647,107        |                  |                  |                  |                  |                       | \$647,107          |
| <i>Water &amp; Sewer Regional Master Plan 2017   ENGINEERING FEES</i> |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 496                                                                   | 6534  | \$32,586           |                  |                  |                  |                  |                  |                       | \$32,586           |
| Total Fund 496:                                                       |       |                    | \$32,586         |                  |                  |                  |                  |                       | \$32,586           |
| <b>GRAND TOTAL:</b>                                                   |       | <b>\$1,179,694</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$5,810,838</b>    | <b>\$5,619,694</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

This cost estimate is based on a previous cost for items such as semiannual and corrective action cost reports; engineer's cost estimate for program management plan reports, procedures, and standards; consultant staff utilization rate; and staff hourly rate of \$146/hr. This estimate will cover program management cost through September 2026.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 18  
**Design / Permitting:** 18  
**Bidding / Award:** 0  
**Construction / Closeout:** 0





# NW 13TH ST 24" FORCE MAIN REPLACEMENT

## PROJECT#: 12388

**Project Mgr:** Viviana Torres  
x6236  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☐ IV  
**Address:** NW 13th Street from SR 845 to SR 811  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is for the replacement of a deteriorated 24-inch and 16-inch diameter sewer force main measuring approximately 20,200 linear feet (LF). The force main section for Phase 1, 2, and 3 of the project are located from NE 14th Avenue along NW 12th Street, NW 9th Terrace, NW 13th Street and NEth Avenue. Phase 4 force main section is located along NE 13th Street, NW 16th Avenue, NE 18th Street, NE 20th Avenue, NE 17th Court and NE 22nd Avenue to NE 19th Street.

**Justification:** This existing 24 inch section of force main is one of the oldest in the City's system, and has far exceeded its life cycle, making it susceptible to breakage and possible sanitary sewer overflows (SSO). For these reasons, this section of force main has been identified for evaluation and rehabilitation as needed, per Exhibit C of the Consent Order Agreement.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                     |
| 454                                               | 6599  |              |         |         |         |         |         | \$17,248,710                | \$0                 |
| Total Fund 454:                                   |       |              |         |         |         |         |         |                             | \$17,248,710        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         |                             | <b>\$17,248,710</b> |
|                                                   |       |              |         |         |         |         |         |                             | <b>\$0</b>          |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate is based on scope updates and additional pipe sections in need of replacement and cost estimate update based on recent project costs.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 3  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# 16" FORCE MAIN ALONG LAS OLAS BLVD PHASE 2

## PROJECT#: 12390

**Project Mgr:** Rohan Punit x5859  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** E Las Olas Blvd from Lido Rd. to Idlewyld Dr.  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is for the replacement of a deteriorated 16 inch diameter sewer force main measuring approximately 3500 linear feet (LF) along Las Olas Blvd. from Lido Drive to Merle Fogg Park.

**Justification:** This existing 18 inch section of force main is one of the oldest in the City's system, and has far exceeded its life cycle, making it susceptible to breakage and possible sanitary sewer overflows (SSO). For these reasons, this section of force main has been identified for evaluation and rehabilitation as needed and has been identified as the "In-Kind" project in the Consent Order Agreement.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                                  | USAGE | AVAILABLE \$       | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------------------------------------|-------|--------------------|---------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                       |       |                    |         |         |         |         |         |                             |                    |
| 454                                                                     | 6599  |                    |         |         |         |         |         | \$4,890,382                 | \$0                |
| Total Fund 454:                                                         |       |                    |         |         |         |         |         | \$4,890,382                 | \$0                |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i>                |       |                    |         |         |         |         |         |                             |                    |
| 495                                                                     | 6599  | \$2,500,000        |         |         |         |         |         |                             | \$2,500,000        |
| <i>Water &amp; Sewer Master Plan 2017   FORCE CHARGES / ENGINEERING</i> |       |                    |         |         |         |         |         |                             |                    |
| 495                                                                     | 6501  | \$(23,398)         |         |         |         |         |         |                             | \$(23,398)         |
| <i>Water &amp; Sewer Master Plan 2017   ENGINEERING FEES</i>            |       |                    |         |         |         |         |         |                             |                    |
| 495                                                                     | 6534  | \$(501,355)        |         |         |         |         |         |                             | \$(501,355)        |
| Total Fund 495:                                                         |       |                    |         |         |         |         |         |                             | \$1,975,248        |
| <b>GRAND TOTAL:</b>                                                     |       | <b>\$1,975,248</b> |         |         |         |         |         | <b>\$4,890,382</b>          | <b>\$1,975,248</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate based on the initial estimate provided in the Reiss report and additional funding needs resulting from City Project Management costs.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 2

**Construction / Closeout:** 3



## FIVEASH WTP ELECTRICAL STUDIES AND TESTING

### PROJECT#: 12392

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Fiveash Regional Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** Perform Short Circuit Device Coordination and Arc Flash Study; Perform Electrical Maintenance Testing at the Fiveash Regional Water Treatment Plant (WTP).

**Justification:** This project is being completed based on the 2016 Comprehensive Utility Strategic Master Plan recommendations to ensure reliability, quality, sustainability, safety and/or code compliance.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021   | FY 2022   | FY 2023  | FY 2024   | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|-----------|-----------|----------|-----------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |           |           |          |           |                             |                  |
| 454                                                              | 6599  |              |         | \$87,500  | \$72,000  | \$40,130 | \$145,740 | \$454,200                   | \$345,370        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |           |           |          |           |                             |                  |
| 454                                                              | 6534  |              |         | \$28,000  | \$25,000  |          |           |                             | \$53,000         |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |           |           |          |           |                             |                  |
| 454                                                              | 6501  |              |         | \$20,000  | \$18,000  |          |           |                             | \$38,000         |
| Total Fund 454:                                                  |       |              |         | \$135,500 | \$115,000 | \$40,130 | \$145,740 | \$454,200                   | \$436,370        |
| <b>GRAND TOTAL:</b>                                              |       |              |         | \$135,500 | \$115,000 | \$40,130 | \$145,740 | \$454,200                   | \$436,370        |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

#### Comments:

#### Cost Estimate Justification:

Cost estimate is based on the initial estimate provided in the Reiss Report and additional funding needs resulting from City Project Management costs. This project affects parcels city wide.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 4  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# FIVEASH ELECTRICAL SYSTEM REPLACEMENTS (2015-2020)

## PROJECT#: 12393

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Fiveash Regional Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project will replace medium voltage fused service disconnect switches; Replace medium voltage MCC\_5201 and MCC\_5202; Replace PNL\_5602 (LPHS-3); Replace XFMR5501 and XFMR 5502; Replace MCC\_5504 and MCC\_5503; Replace MCC\_5311; add second feed; incorporate/eliminate MCC\_5313; Replace/Convert MCC\_5614 to 480V and dedicated to HYD\_2103; Replace/Convert MCC\_5615 to 480V and dedicate to HYD\_2104; Replace SWBD5616; Replace XFMR 5612; Replace PNL 5630; Replace General Circuit Breaker Panel boards, transformers, and branch circuits; Replace Surface Wash Pump 1 starter; Replace 2 HSP starters with VFDs; Convert 240V motors to 480V and re-feed; Replace MSTR3202 (Backwash Pump 2) at the Fiveash Regional Water Treatment Plant.

**Justification:** This project is being completed based on the 2016 Comprehensive Utility Strategic Master Plan recommendations to ensure reliability, quality, sustainability, safety and/or code compliance.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021            | FY 2022            | FY 2023            | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|---------|--------------------|--------------------|--------------------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                    |                    |                    |         |                       |                    |
| 454                                               | 6599  |              |         | \$2,438,834        | \$2,438,834        | \$2,438,834        |         | \$500,000             | \$7,316,502        |
| Total Fund 454:                                   |       |              |         | \$2,438,834        | \$2,438,834        | \$2,438,834        |         | \$500,000             | \$7,316,502        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$2,438,834</b> | <b>\$2,438,834</b> | <b>\$2,438,834</b> |         | <b>\$500,000</b>      | <b>\$7,316,502</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

### Cost Estimate Justification:

Cost estimate is based on the initial estimate provided in the Reiss Report and additional funding needs resulting from City Project Management costs. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 4  
**Design / Permitting:** 6  
**Bidding / Award:** 3  
**Construction / Closeout:** 8



## FIVEASH UPGRADE/REDESIGN

### PROJECT#: 12394

**Project Mgr:** Steve Hillberg  
x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 112 SW 7th Ave  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals for Basin A-11. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer wastewater Treatment Plant.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

#### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                                   | 6534  |              |         |         |         |         |         | \$10,000,000                | \$0              |
| Total Fund 454:                                       |       |              |         |         |         |         |         | \$10,000,000                | \$0              |
| <b>GRAND TOTAL:</b>                                   |       |              |         |         |         |         |         | <b>\$10,000,000</b>         | <b>\$0</b>       |

**Comments:** Funds will be used to rehabilitate the gravity sewer system leading to pump station A-11.

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

The cost estimate is based on current contract prices and addresses approximately 30% of excavated point repairs, gravity main lining, lateral lining, manhole repair and sealing. This project affects approximately 64,000 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 8



## WELL REHABILITATION

**PROJECT#: 12397**

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 3317 NW 56th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project will rehabilitate wells less than 30 years old prior to replacement. This includes maintaining pumps and motors, and replacement of mechanical and electrical components.

**Justification:** Improve wellfield performance to minimize operational and maintenance costs and prolong the useful life of the water supply for the Peele Dixie and Fiveash Water Treatment Plans. Comprehensive Strategic master plan states well less than 30 years old should be maintained annual at a cost of \$4,000 per well.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$1,179,200                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$1,179,200                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$1,179,200</b>          | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Funding to be used for testing, evaluation and rehabilitation of wellfields for Peele Dixie and Fiveash Water Treatment Plants. Cost estimates obtained from Utilities Master Plan. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# FIVEASH WTP GST AND CLEARWELL UPGRADES

**PROJECT#: 12398**

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Fiveash Regional Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the Fiveash Regional Water Treatment Plant Ground Storage Tanks (GST). The project will modify the existing piping and system so the water from the filters drops into a clearwell which the transfer pumps will deliver to the ground storage tanks. The water from the ground storage tanks will flow to a common clearwell for the high service pumps to deliver water.

**Justification:** This project is being completed based on the 2016 Comprehensive Utility Strategic (CUS) Master Plan recommendations to ensure reliability, quality, sustainability, safety and/or code compliance.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

## Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         | \$700,000        |                             | \$700,000        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6534  |              |         |         |         |         | \$80,000         |                             | \$80,000         |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         | \$20,000         |                             | \$20,000         |
| Total Fund 454:                                                  |       |              |         |         |         |         | \$800,000        |                             | \$800,000        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         | <b>\$800,000</b> |                             | <b>\$800,000</b> |

**Comments:**

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

Cost Estimate based in the 2016 Comprehensive Utility Strategic (CUS) Master Plan prepared by Reiss Engineering. This project will affect parcels city wide.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 4

**Design / Permitting:** 6

**Bidding / Award:** 3

**Construction / Closeout:** 6



## FIVEASH WTP PCCP REPLACEMENT

**PROJECT#: 12399**

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 949 NW 38th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project will replace prestressed concrete cylinder pipe (PCCP) pipe feeding the high service pumps.

**Justification:** This project is being completed based on the 2016 Comprehensive Utility Strategic (CUS) Master Plan recommendations. The pipe is old, a high risk asset, and is at the end of its useful life. This critical pipeline should be upgraded for reliability to a new ductile iron pipe or rehabilitated with an interior structural liner.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021            | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------|---------|--------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |                    |         |         |         |                             |                    |
| 454                                                              | 6501  |              |         | \$39,468           |         |         |         |                             | \$39,468           |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |                    |         |         |         |                             |                    |
| 454                                                              | 6534  |              |         | \$236,806          |         |         |         |                             | \$236,806          |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |                    |         |         |         |                             |                    |
| 454                                                              | 6599  |              |         | \$859,620          |         |         |         |                             | \$859,620          |
| Total Fund 454:                                                  |       |              |         | \$1,135,894        |         |         |         |                             | \$1,135,894        |
| <b>GRAND TOTAL:</b>                                              |       |              |         | <b>\$1,135,894</b> |         |         |         |                             | <b>\$1,135,894</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate based on the initial estimate provided in the Reiss Report and additional funding needs resulting from City project management costs. This project will affect parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 4  
**Design / Permitting:** 6  
**Bidding / Award:** 3  
**Construction / Closeout:** 8





# PROSPECT WELLFIELD BONDING AND GROUNDING TESTING A

## PROJECT#: 12401

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 3317 NW 56th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project will perform a Bonding and Grounding survey and testing and will add lightning protection to generator buildings to the Prospect Wellfield.

**Justification:** This project is being completed based on the 2016 Comprehensive Utility Strategic Master Plan recommendations to ensure reliability, quality, sustainability, safety and/or code compliance to protect the wellfield generators from lightning strikes.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020         | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|-----------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                 |         |         |         |         |                             |                  |
| 454                                                              | 6599  |              | \$52,000        |         |         |         |         |                             | \$52,000         |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                 |         |         |         |         |                             |                  |
| 454                                                              | 6534  |              | \$32,000        |         |         |         |         |                             | \$32,000         |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                 |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              | \$15,000        |         |         |         |         |                             | \$15,000         |
| Total Fund 454:                                                  |       |              | \$99,000        |         |         |         |         |                             | \$99,000         |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$99,000</b> |         |         |         |         |                             | <b>\$99,000</b>  |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate for project included in 2017 Comprehensive Utilities Master Plan. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



# PEELE-DIXIE WTP CHEMICAL STORAGE IMPROVEMENTS

## PROJECT#: 12403

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Peele Dixie Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** At the Peele Dixie Water Treatment Plant, the anti-scalant and corrosion inhibitor bulk chemical tanks do not allow for a full load delivery of chemicals. This project is to investigate the addition of another tank and/or the replacement with multiple, smaller tanks. Additionally, the day tanks for the sodium hydroxide and sulfuric acid do not hold enough chemical to last a whole day and additional storage is required.

**Justification:** This is a 2016 Comprehensive Utility Strategic (CUS) Master Plan recommendation. Due to additional chemical addition, the bulk tanks cannot accept a full delivery and wastes money spent on a full load of chemicals that is not utilized by the City.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|------------------|------------------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                  |                  |         |         |         |                             |                  |
| 454                                               | 6599  |              | \$400,000        | \$550,000        |         |         |         |                             | \$950,000        |
| Total Fund 454:                                   |       |              | \$400,000        | \$550,000        |         |         |         |                             | \$950,000        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$400,000</b> | <b>\$550,000</b> |         |         |         |                             | <b>\$950,000</b> |

**Comments:** This funding will cover design fee, project management and inspections, and construction of the project.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** The estimate for "Impact on Operating Budget" is calculated using 0.5% of construction cost. Estimated annual operating costs may include periodic cleaning of tanks and area and maintenance inspection.

### Cost Estimate Justification:

Cost Estimate based on the 2016 Comprehensive Utility Strategic (CUS) Master Plan prepared by Reiss Engineering. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# UTILITIES WIDE AREA NETWORK SCADA IMPROVEMENTS

## PROJECT#: 12405

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 100 N Andrews Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is to upgrade/improve Supervisory Control and Data Acquisition (SCADA) Systems.

**Justification:** This project is being completed based on the 2016 Comprehensive Utility Strategic (CUS) Master Plan recommendations to ensure reliability, quality, sustainability, safety and/or code compliance.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021            | FY 2022            | FY 2023            | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|---------------------------------------------------|-------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|---------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                  |                    |                    |                    |                    |                             |                     |
| 454                                               | 6599  |              | \$750,000        | \$2,658,750        | \$2,658,750        | \$2,658,750        | \$2,658,750        | \$3,553,500                 | \$11,385,000        |
| Total Fund 454:                                   |       |              | \$750,000        | \$2,658,750        | \$2,658,750        | \$2,658,750        | \$2,658,750        | \$3,553,500                 | \$11,385,000        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$750,000</b> | <b>\$2,658,750</b> | <b>\$2,658,750</b> | <b>\$2,658,750</b> | <b>\$2,658,750</b> | <b>\$3,553,500</b>          | <b>\$11,385,000</b> |

**Comments:** These funds will cover Design Fees, Project Management and Inspections and Construction of the Project.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost Estimate based on the 2016 Comprehensive Utility Strategic (CUS) Master Plan prepared by Reiss Engineering. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# FORCE MAIN (FROM PUMP STATION A-54 TO A-10) UPSIZE

## PROJECT#: 12408

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 250 SW 19th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This project is for installation of approximately 1,900 linear feet of 30-inch force main parallel to the existing 30-inch force main running from Pump Station A-54 to Pump Station A-10 starting at SW 4th Avenue running east along SW 19th Street to South Andrews Avenue.

**Justification:** This is a 2017 Comprehensive Utility Strategic Master Plan recommendation. This main will alleviate excessive velocities and pressures thereby conserving energy and reducing the risk of hydraulic surge. The proposed main will increase system capacity in the transmission system.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$2,678,150                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$2,678,150                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$2,678,150</b>          | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate is based on the similar city force main project P12319 which was completed in 2018 and additional funding needs resulting from City Project Management costs. This project affects approximately 500 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 3



# FORCE MAIN (NEAR PUMP STATION D-34) UPSIZE

## PROJECT#: 12409

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Mayan Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is to upsize approximately 100 linear feet of force main running from the discharge side of Pump Station D-34 to SE 17th Street from two smaller 4-inch and 8-inch mains to a single 12-inch main.

**Justification:** This is a 2016 Comprehensive Utility Strategic Master Plan recommendation. This main will alleviate excessive velocities and pressures thereby conserving energy and reducing the risk of hydraulic surge. The proposed main will increase system capacity in the transmission system.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         |         | \$70,000                    | \$0              |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6534  |              |         |         |         |         |         | \$20,000                    | \$0              |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         |         | \$10,000                    | \$0              |
| Total Fund 454:                                                  |       |              |         |         |         |         |         | \$100,000                   | \$0              |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         |         | <b>\$100,000</b>            | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Construction \$100,700 based on similar project, 10% for City engineering fees, 20% for consultant fees, .7% for testing services, and .5% for administration.  
This project will affect approximately 352 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# PUMP STATIONS C-1 AND C-2 REPLACEMENT

## PROJECT#: 12410

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** Riverland Road & SW 37th Avenue & Fairfax D  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for the replacement of Pump Stations C-1 and C-2. Upgrade the pumps at Pump Station C-1 with higher capacity models. Replace station piping, valves and appurtenances and wet well as necessary.

**Justification:** This is a 2016 Comprehensive Utility Strategic Master Plan recommendation. Hydraulic analysis identified Pump Station C-1 as undersized; rehabilitate to ensure capacity to deliver peak flows during a rainfall event. Pump Stations C-1 and C-2 are Priority 1 Repair and Replacement targets.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$     | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|------------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                  |                    |         |         |         |         |                             |                    |
| 454                                                              | 6599  | \$350,000        | \$1,090,000        |         |         |         |         |                             | \$1,440,000        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                  |                    |         |         |         |         |                             |                    |
| 454                                                              | 6501  |                  | \$60,000           |         |         |         |         |                             | \$60,000           |
| Total Fund 454:                                                  |       | \$350,000        | \$1,150,000        |         |         |         |         |                             | \$1,500,000        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$350,000</b> | <b>\$1,150,000</b> |         |         |         |         |                             | <b>\$1,500,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate is based on the initial estimate provided in the Reiss Report and additional funding needs resulting from City Project Management costs. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



## PUMP STATION A-16 UPGRADE

**PROJECT#: 12412**

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1098 SE 4th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the replacement of pumps at Pump Station A-16 with higher capacity models. Rehabilitate/replace station piping, valves and appurtenances and wet well as necessary.

**Justification:** This is a 2016 Comprehensive Utility Strategic Master Plan recommendation. Pump Stations A-16 is Priority 1 Repair and Replacement targets.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$     | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------------------------------|-------|------------------|--------------------|---------|---------|---------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                  |                    |         |         |         |         |                       |                    |
| 454                                                              | 6599  | \$350,000        | \$1,840,000        |         |         |         |         |                       | \$2,190,000        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                  |                    |         |         |         |         |                       |                    |
| 454                                                              | 6501  |                  | \$160,000          |         |         |         |         |                       | \$160,000          |
| Total Fund 454:                                                  |       | \$350,000        | \$2,000,000        |         |         |         |         |                       | \$2,350,000        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$350,000</b> | <b>\$2,000,000</b> |         |         |         |         |                       | <b>\$2,350,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

### Cost Estimate Justification:

Cost estimate is based on the initial estimate provided in the Reiss Report and additional funding needs resulting from City Project Management costs. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# WATERMAIN IMPROVEMENTS AREA 1

## PROJECT#: 12416

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** NW 38th Street near Fiveash WTP  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project includes bringing the 54-inch water main on NW 38th Street back into service; adding approximately 400 feet of 30-inch discharge from the Peele Dixie Water Treatment Plant high service pumps to the old west existing 30-inch discharge; upsizing approximately 100 feet of 36- and 30-inch from the 42-inch reducer to the intersection of NE 37th Street and NE 11th Avenue with 42-inch.

**Justification:** This is a 2016 Comprehensive Utility Strategic Master Plan recommendation. The 54-inch pipe was closed for maintenance but it has not been put back into service because of inability to disinfect. There are a variety of headloss and capacity issues around the water treatment plant with it offline. The other locations have a variety of headloss and capacity issues around the water treatment plant (Velocity > 5 ft/s). This project is included in the "Infrastructure Renewal" Strategic Initiative.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024         | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|-----------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |                 |                             |                  |
| 454                                               | 6599  |              |         |         |         |         | \$99,276        | \$546,013                   | \$99,276         |
| Total Fund 454:                                   |       |              |         |         |         |         | \$99,276        | \$546,013                   | \$99,276         |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         | <b>\$99,276</b> | <b>\$546,013</b>            | <b>\$99,276</b>  |

**Comments:** The funding will cover Design Fees, Project Management, Inspections and Construction of the Project.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is no impact in the operating budget, since these are existing assets.

### Cost Estimate Justification:

Cost Estimate based on the 2016 Comprehensive Utility Strategic Master Plan prepared by Reiss Engineering and updated with current city project costs. This project will affect approximately 73,315 parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2





# MISCELLANEOUS WATER QUALITY IMPROVEMENTS

## PROJECT#: 12417

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 3299 SW 4th Avenue (Snyder Park & adjacent)  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** Investigate adding additional automatic flushers at the following locations to reduce water age: PLUG\_F10015 – Snyder Park  
PLUG\_F5472 – SW 15th Avenue/SW 33rd Street  
PLUG\_F4373 – SW 32nd Place  
PLUG\_F4366 – SW 32nd Street

**Justification:** This is a 2016 Comprehensive Utility Strategic Master Plan recommendation. Auto flushers reduce water age and help prevent nitrification. Using auto flusher instead of manual flushing will also decrease water wasted when flushing is required.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021         | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|-----------------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                 |         |         |         |                             |                  |
| 454                                               | 6599  |              |         | \$67,000        |         |         |         |                             | \$67,000         |
| Total Fund 454:                                   |       |              |         | \$67,000        |         |         |         |                             | \$67,000         |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$67,000</b> |         |         |         |                             | <b>\$67,000</b>  |

**Comments:** Funds will be used for evaluation and installation of auto flush system. In addition, to Consultant and Project Management Fees.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020        | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|----------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                |         |         |         |         |                             |                  |
| CHAR 30                             |              | \$1,050        |         |         |         |         |                             | \$1,050          |
| <b>TOTAL</b>                        |              | <b>\$1,050</b> |         |         |         |         |                             | <b>\$1,050</b>   |

**Comments:** The estimate for "Impact on Operating Budget" is calculated using 3.0% of construction costs. Estimated annual operating costs may include periodic cleaning of flushers' area and maintenance inspection.

### Cost Estimate Justification:

Cost Estimate based in the 2016 Comprehensive Utility Strategic (CUS) Master Plan prepared by Reiss Engineering. This project will affect parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 1



# PW ADMINISTRATION BUILDING 3RD FLOOR GLASS BLOCK

## PROJECT#: 12421

**Project Mgr:** Irina Tokar  
x6891  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 949 NW 38th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the removal and replacement of the glass blocks with a new framed glass block wall at Public Works Administration Building (3rd Floor).

**Justification:** This Project is for the Public Works Administration Building 3rd floor glass block wall removal and replacement which has been damaged over the years and is now subject to water intrusion which is causing mold growth.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              | \$26,933         |         |         |         |         |                             | \$26,933         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6599  |              | \$128,100        |         |         |         |         |                             | \$128,100        |
| Total Fund 454:                                                  |       |              | \$155,033        |         |         |         |         |                             | \$155,033        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$155,033</b> |         |         |         |         |                             | <b>\$155,033</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# BREAKERS AVENUE ROAD IMPROVEMENTS

## PROJECT#: 12435

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Breakers Avenue between Vistamar and Rioma  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This is a Commission Annual Action Plan (CAAP) priority project that includes streetscape and roadway improvements on Breakers Avenue enhancing the area's walk-ability and businesses. This project is intended to be constructed alongside a Transportation and Mobility department's streetscape improvement project that will interconnect the existing drainage system in the area, ensuring flood protection, runoff conveyance and rehabilitation of the water and wastewater system on Breakers Avenue to re-establish their expected service life.

**Justification:** The existing stormwater system is inadequate to serve this area and the water and wastewater system is aged and in need of improvement. Modification of the existing stormwater infrastructure and design and construction of new facilities will be needed to provide the level of service needed and to comply with current City engineering standards.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                    |         |         |         |         |                             |                    |
| 454                                               | 6599  |              | \$1,010,000        |         |         |         |         |                             | \$1,010,000        |
| Total Fund 454:                                   |       |              | \$1,010,000        |         |         |         |         |                             | \$1,010,000        |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>     |       |              |                    |         |         |         |         |                             |                    |
| 471                                               | 6599  |              | \$1,268,000        |         |         |         |         |                             | \$1,268,000        |
| Total Fund 471:                                   |       |              | \$1,268,000        |         |         |         |         |                             | \$1,268,000        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$2,278,000</b> |         |         |         |         |                             | <b>\$2,278,000</b> |

**Comments:** The funds will be used to hire an engineering consultant to perform the condition assessment of the two storm stations and make recommendations of improvements.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is a impact on the operating budget for the cost of the task order to the consultant.

### Cost Estimate Justification:

The cost estimate is based on a preliminary schematic design of the improvements and the known line item costs from similar stormwater projects our department has executed within the last 2 years. This project will affect approximately 25 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# METERSHOP AND STORMWATER OPERATIONS FACILITY

## PROJECT#: 12446

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 6001 Hawkins Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the Design-Build Construction of a new facility (offices and storage) and new access roads for the stormwater operations team and the water meter shop team. Work to include site improvements and will be located at 6001 Hawkins Road, Fort Lauderdale.

**Justification:** The property where the original Meter Shop Facility was located has been sold and Stormwater Operations Crew has grown and now exceeds the capacity of their available space at the Central Maintenance Services (CMS) site. Current City facilities does not have the capacity nor were designed to store the equipment and offices for these crews.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|--------------------------------------------------------------|-------|-----------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>        |       |                 |                    |         |         |         |         |                             |                    |
| 454                                                          | 6534  | \$(23,870)      |                    |         |         |         |         |                             | \$(23,870)         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>            |       |                 |                    |         |         |         |         |                             |                    |
| 454                                                          | 6599  | \$32,500        | \$1,954,622        |         |         |         |         |                             | \$1,987,122        |
| Total Fund 454:                                              |       | \$8,630         | \$1,954,622        |         |         |         |         |                             | \$1,963,252        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                    |         |         |         |         |                             |                    |
| 471                                                          | 6501  |                 | \$25,000           |         |         |         |         |                             | \$25,000           |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                    |         |         |         |         |                             |                    |
| 471                                                          | 6534  | \$(23,870)      | \$100,000          |         |         |         |         |                             | \$76,130           |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                    |         |         |         |         |                             |                    |
| 471                                                          | 6599  | \$32,500        | \$1,829,622        |         |         |         |         |                             | \$1,862,122        |
| Total Fund 471:                                              |       | \$8,630         | \$1,954,622        |         |         |         |         |                             | \$1,963,252        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$17,260</b> | <b>\$3,909,244</b> |         |         |         |         |                             | <b>\$3,926,504</b> |

**Comments:** Design-Build Construction

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No

### Cost Estimate Justification:

Cost Estimate was prepared by City's Consultant, based on site plan, floor plan developed with City's input. This project affects one parcel and the service provided is City-wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



## SEWER BASIN D-40 REHAB

### PROJECT#: 12456

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 729 North Birch Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The project includes smoke testing of the sewer basin and any possible repairs needed as a result of the testing.

**Justification:** Eliminating any remaining inflow and infiltration into the gravity system of this basin

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE                                                   | USAGE | AVAILABLE \$     | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|----------------------------------------------------------|-------|------------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>        |       |                  |                  |         |         |         |         |                             |                  |
| 454                                                      | 6599  |                  | \$146,636        |         |         |         |         |                             | \$146,636        |
| Total Fund 454:                                          |       |                  | \$146,636        |         |         |         |         |                             | \$146,636        |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i> |       |                  |                  |         |         |         |         |                             |                  |
| 495                                                      | 6599  | \$169,237        |                  |         |         |         |         |                             | \$169,237        |
| Total Fund 495:                                          |       |                  | \$169,237        |         |         |         |         |                             | \$169,237        |
| <b>GRAND TOTAL:</b>                                      |       | <b>\$169,237</b> | <b>\$146,636</b> |         |         |         |         |                             | <b>\$315,873</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budgetary impact.

#### Cost Estimate Justification:

Cost estimate is based on current contract prices and addresses any possible repairs needed as a result of the smoke testing. This project will affect approximately 519 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## CORAL RIDGE SMALL WATERMAIN IMPROVEMENTS

**PROJECT#: 12462**

**Project Mgr:** Herb Stanley  
x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 2900 NE 30th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33306

**Description:** This project is for small water main improvements in the Coral Ridge neighborhood. This project will replace existing water mains, which are undersized and deteriorated, with approximately 16,000 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021            | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|---------|--------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                    |         |         |         |                             |                    |
| 454                                               | 6599  |              |         | \$2,755,305        |         |         |         |                             | \$2,755,305        |
| Total Fund 454:                                   |       |              |         | \$2,755,305        |         |         |         |                             | \$2,755,305        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$2,755,305</b> |         |         |         |                             | <b>\$2,755,305</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate based on RSMeans unit prices, at \$200 per linear foot, consultant fees \$760,000, estimate of 255 hours for construction management at \$146 per hour, 432 hours for inspection at \$146 per hour for total of \$4,660,302. This project will affect parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# CORAL SHORES SMALL WATERMAIN IMPROVEMENTS

## PROJECT#: 12463

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 2884 NE 21st Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33306

**Description:** This project is for small water main improvements in the Coral Shores neighborhood. This project will replace existing water mains, which are undersized and deteriorated, with approximately 6,200 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022          | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|---------------------------------------------------|-------|--------------|---------|------------------|------------------|---------|---------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                  |                  |         |         |                       |                  |
| 454                                               | 6599  |              |         | \$395,825        | \$517,732        |         |         |                       | \$913,557        |
| Total Fund 454:                                   |       |              |         | \$395,825        | \$517,732        |         |         |                       | \$913,557        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$395,825</b> | <b>\$517,732</b> |         |         |                       | <b>\$913,557</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This project restores current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

The original construction cost estimate created in 2015 was based on the RSMeans unit prices at \$200 per linear foot. This construction cost was escalated in 2018 dollars using a combination of the Turner Non-Residential Construction Cost index and a construction escalation factor from Florida Department of Transportation. Consultant costs were estimated at 16% of the 2018 construction cost (8% each for design and construction management). City administrative costs were estimated at 10%. This

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# TARPON RIVER A-11 SEWER BASIN REHAB

## PROJECT#: 12464

**Project Mgr:** Steve Hillberg  
x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 112 SW 7th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals for Basin A-11. Work also includes pre and post Closed Circuit Television (CCTV), survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 454                                               | 6599  |              |         |         |         |         |         | \$2,715,434           | \$0           |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$2,715,434           | \$0           |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$2,715,434</b>    | <b>\$0</b>    |

**Comments:** Funds will be used to rehabilitate the gravity sewer system leading to pump station A-11.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No Budgetary Impact

### Cost Estimate Justification:

The cost estimate is based on current contract prices and addresses approximately 30% of excavated point repairs, gravity main lining, lateral lining, manhole repair and sealing. This project will affect approximately 1,046 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 8





# HARBOR BEACH SEWER BASIN D-34 REHAB

## PROJECT#: 12465

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 2601 SE 17th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers in Basin D-34. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$     | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|------------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |                  |                  |         |         |         |         |                             |                  |
| 454                                               | 6599  | \$533,000        | \$300,000        |         |         |         |         |                             | \$833,000        |
| Total Fund 454:                                   |       | \$533,000        | \$300,000        |         |         |         |         |                             | \$833,000        |
| <b>GRAND TOTAL:</b>                               |       | <b>\$533,000</b> | <b>\$300,000</b> |         |         |         |         |                             | <b>\$833,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budget Impact

### Cost Estimate Justification:

The requested funds will cover the rehabilitation of approximately 40% of the sewer basin based on a cost estimate that uses recent bids and prices. This project will affect approximately 352 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2

**Design / Permitting:** 2

**Bidding / Award:** 0

**Construction / Closeout:** 3



## FIVEASH WELLFIELD PUMP REPLACEMENT

### PROJECT#: 12476

**Project Mgr:** Steve Roberts x7855  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 3501 W Prospect Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for removal and replacement of 19 complete well assemblies. Equipment has exceeded its effective life cycle. Wells would be replaced by operations staff at a rate of five (5) units per fiscal year. Community Investment Plan funding is strictly for equipment only.

**Justification:** These 19 raw water wells are over 30 years old and have been refurbished numerous times. The water wells have now exceeded any expected life cycle left and can no longer be rebuilt.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------------------------------------|-------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |                  |         |         |         |         |                             |                  |
| 454                                        | 6599  |              | \$500,000        |         |         |         |         | \$1,900,000                 | \$500,000        |
| Total Fund 454:                            |       |              | \$500,000        |         |         |         |         | \$1,900,000                 | \$500,000        |
| <b>GRAND TOTAL:</b>                        |       |              | <b>\$500,000</b> |         |         |         |         | <b>\$1,900,000</b>          | <b>\$500,000</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

#### Comments:

#### Cost Estimate Justification:

Cost estimate based on current year purchase of same type equipment through the Repair and Replacement Fund.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# LANDINGS OF BAYVIEW DRIVE SMALL WATERMAIN

## PROJECT#: FY 20150170

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 5910 NW 28th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project is for small water main improvements in the Landings of Bayview Drive Neighborhood. This project will replace existing deteriorated small water mains with approximately 5,750 linear feet of 6-inch and/or 8-inch water mains. These replacements will result in improved fire hydrant coverage.

**Justification:** This project is needed to address neighborhood complaints.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 454                                               | 6599  |              |         |         |         |         |         | \$1,568,742           | \$0           |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$1,568,742           | \$0           |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$1,568,742</b>    | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate based on RSMeans unit prices, at \$200 per linear foot, consultant fees \$200,000, estimate of 342 hours for construction management at \$146 per hour, 479 hours for inspection at \$146 per hour for total of 1,527,500. A Florida Department of Transportation (FDOT) inflation factor (1.027%) was applied to update this estimate. this project will affect approximately 120 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



## TWIN LAKES (NORTHWEST) WATERMAIN

### PROJECT#: FY 20150175

**Project Mgr:** Alex Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 1333 W Prospect Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the replacement of approximately 2,000 linear feet of small water mains in Twin Lakes Northwest. This project will replace existing water mains, which are undersized and deteriorated with new 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and reducing water quality complaints.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         | \$439,110        | \$4,132,946                 | \$439,110        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6534  |              |         |         |         |         | \$129,150        |                             | \$129,150        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         | \$43,050         |                             | \$43,050         |
| Total Fund 454:                                                  |       |              |         |         |         |         | \$611,310        | \$4,132,946                 | \$611,310        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         | <b>\$611,310</b> | <b>\$4,132,946</b>          | <b>\$611,310</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

#### Cost Estimate Justification:

The cost estimate is based on current contract prices. This project will affect approximately 70 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 3



## SW 29TH STREET SMALL WATERMAINS

### PROJECT#: FY 20150176

**Project Mgr:** Alex Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 900 SW 29th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This is for a small water main replacement project located on SW 29th Street, from SW 9th Avenue through SW 12th Avenue. This project will replace existing water mains, which are undersized and deteriorated with new 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |                  |                       |                  |
| 454                                                              | 6599  |              |         |         |         |         | \$285,422        |                       | \$285,422        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |                  |                       |                  |
| 454                                                              | 6534  |              |         |         |         |         | \$83,948         |                       | \$83,948         |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |                  |                       |                  |
| 454                                                              | 6501  |              |         |         |         |         | \$27,983         |                       | \$27,983         |
| Total Fund 454:                                                  |       |              |         |         |         |         | \$397,353        |                       | \$397,353        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         | <b>\$397,353</b> |                       | <b>\$397,353</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

#### Cost Estimate Justification:

The cost estimate is based on current contract prices. 1,300 linear feet of pipe replacement was considered for the cost estimate. This project will affect approximately 50 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 3



## 2535 NORTH FEDERAL HIGHWAY SMALL WATERMAINS

### PROJECT#: FY 20150177

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 2535 N Federal Highway  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33305

**Description:** This project is for a small water main replacement at 2535 N Federal Highway. This project will replace existing small water mains, which are undersized and deteriorated, with new 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         |         | \$50,250                    | \$0              |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         |         | \$6,000                     | \$0              |
| Total Fund 454:                                                  |       |              |         |         |         |         |         | \$56,250                    | \$0              |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         |         | <b>\$56,250</b>             | <b>\$0</b>       |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores current deteriorated asset. No additional operating budget impact is anticipated.

#### Cost Estimate Justification:

Cost estimate is provided as a Community Investment Planning (CIP) placeholder for this project. This project will affect approximately 100 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



# SW 1ST STREET (SW 28 AVE THRU SW 29 AVE) WATER MAIN REPLACEMENT

## PROJECT#: FY 20150178

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 2800 SW 1st Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This project is for a small water main replacement on SW 28th Avenue and SW 29th Avenue. This project will replace existing undersized and deteriorated small water mains with new 6-inch water mains.

**Justification:** The project will replace existing water mains as identified in the Water Master Plan which will improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 454                                               | 6599  |              |         |         |         |         |         | \$150,000             | \$0           |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$150,000             | \$0           |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$150,000</b>      | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

The cost estimate is based on current contract prices. This project will affect approximately 10 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 2



# LAUDERHILL SMALL WATERMAINS REPLACEMENT

## PROJECT#: FY 20150181

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 300 NW 31st Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for small water main replacements in Lauderhill. This project will replace existing water mains, which are undersized and deteriorated, with approximately 78,000 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure, fire protection, and water quality.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |         |         |         |         |         |                             |                  |
| 454                                        | 6599  |              |         |         |         |         |         | \$2,266,583                 | \$0              |
| Total Fund 454:                            |       |              |         |         |         |         |         | \$2,266,583                 | \$0              |
| <b>GRAND TOTAL:</b>                        |       |              |         |         |         |         |         | <b>\$2,266,583</b>          | <b>\$0</b>       |

### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project replaces a current deteriorated asset.

### Cost Estimate Justification:

The original cost estimate created in 2015 was based on RSMeans unit prices, at \$200 per linear foot, consultant fees of \$200,000, estimate of 342 hours for construction management at \$146 per hour, 479 hours for inspection at \$146 per hour. These costs were escalated in 2018 dollars using a combination of a cost escalator from Turner Construction in 2017 and Florida Department of Transportation construction escalation factor from 2017 to 2018. This project will affect approximately 250 parcels

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3





# POINSETTIA DR. SMALL WATERMAIN IMPROVEMENTS

## PROJECT#: FY 20150182

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 2090 NE 17th Terrace  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33305

**Description:** This project is for small water main improvements on Poinsettia Drive. This project will replace existing water mains, which are undersized and deteriorated, with approximately 14,300 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 454                                               | 6599  |              |         |         |         |         |         | \$3,770,643           | \$0           |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$3,770,643           | \$0           |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$3,770,643</b>    | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate based on RSMeans unit prices, at \$200 per linear foot, consultant fees \$200,000, estimate of 342 hours for construction management at \$146 per hour, 616 hours for inspection at \$146 per hour for total of \$3,451,333. This project will affect approximately 450 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Secure our community's water supply

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# CORAL RIDGE COUNTRY CLUB SMALL WATERMAIN

## PROJECT#: FY 20150184

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 4220 NE 29th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project is for small water main improvements in the Coral Ridge Country Club community. This project will replace existing water mains, which are undersized and deteriorated, with new 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022            | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|---------|------------------|--------------------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                  |                    |         |         |                             |                    |
| 454                                               | 6599  |              |         | \$300,000        | \$3,360,000        |         |         |                             | \$3,660,000        |
| Total Fund 454:                                   |       |              |         | \$300,000        | \$3,360,000        |         |         |                             | \$3,660,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$300,000</b> | <b>\$3,360,000</b> |         |         |                             | <b>\$3,660,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate is provided as a placeholder for this project. This project will affect 550 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 0  
**Construction / Closeout:** 4



## SEA RANCH LAKES SMALL WATERMAINS

### PROJECT#: FY 20150185

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Sea Ranch Lakes  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for small water main improvements in Sea Ranch Lakes. This project will replace existing water mains, which are undersized and deteriorated, with approximately 14,800 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022            | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|------------------|---------|--------------------|---------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                  |         |                    |         |         |                       |                    |
| 454                                               | 6599  |              | \$300,000        |         | \$3,296,958        |         |         |                       | \$3,596,958        |
| Total Fund 454:                                   |       |              | \$300,000        |         | \$3,296,958        |         |         |                       | \$3,596,958        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$300,000</b> |         | <b>\$3,296,958</b> |         |         |                       | <b>\$3,596,958</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

#### Cost Estimate Justification:

Cost estimate prepared using recent bid tabs (average) for similar City projects in 2018. Construction, Engineering, & Inspection (CEI) services @10% or 11 months full time inspection, engineering management @2 days/week for length of project and consultant fees @12%. (In addition to design, the Engineer of Record needs to provide engineering services during the construction of the project.). This project will affect approximately 211 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# LAUDERDALE-BY-THE-SEA SMALL WATERMAIN IMPROVEMENTS

## PROJECT#: FY 20150187

**Project Mgr:** Herb Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Lauderdale-By-The-Sea  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for small water main improvements in the Lauderdale-by-the-Sea area. This project will replace existing water mains, which are undersized and deteriorated, with approximately 7,770 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021            | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|------------------|--------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                  |                    |         |         |         |                             |                    |
| 454                                               | 6599  |              | \$300,000        | \$1,902,000        |         |         |         |                             | \$2,202,000        |
| Total Fund 454:                                   |       |              | \$300,000        | \$1,902,000        |         |         |         |                             | \$2,202,000        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$300,000</b> | <b>\$1,902,000</b> |         |         |         |                             | <b>\$2,202,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate based on RSMeans unit prices, at \$200 per linear foot, consultant fees \$200,000, estimate of 342 hours for construction management at \$146 per hour, 479 hours for inspection at \$146 per hour for total of \$1,951,700. Updated cost estimate includes a multiplier for FY20. This project will affect parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# LAKE AIRE PALM VIEW SMALL WATERMAINS

## PROJECT#: FY 20150189

**Project Mgr:** Jose Custidio  
x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1627 NW 26th Terrace  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for small water main improvements in the Lake Aire Palm View neighborhood. This project will replace existing water mains, which are undersized and deteriorated, with approximately 3,940 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and water quality.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|------------------|------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                  |                  |         |         |         |                             |                    |
| 454                                               | 6599  |              | \$280,000        | \$760,316        |         |         |         |                             | \$1,040,316        |
| Total Fund 454:                                   |       |              | \$280,000        | \$760,316        |         |         |         |                             | \$1,040,316        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$280,000</b> | <b>\$760,316</b> |         |         |         |                             | <b>\$1,040,316</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate prepared using bid tabs of current water main projects with the City. Design Consultant fee estimated @12% and inspection fees @10% of the estimated construction cost. City engineering fees estimated at 5% for project administration. Permit fees @ 2%. This project will affect approximately 60 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# BAY COLONY SMALL WATER MAIN IMPROVEMENTS

## PROJECT#: FY 20150190

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 1 Compass Lane  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project is for small water main improvements in Bay Colony. The project will repair or replace approximately 10,350 linear feet of water main pipe.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve and increase fire flow quality of service by improving pressure and water quality.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022            | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|---------|------------------|--------------------|---------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                  |                    |         |         |                       |                    |
| 454                                               | 6599  |              |         | \$320,000        | \$2,400,460        |         |         |                       | \$2,720,460        |
| Total Fund 454:                                   |       |              |         | \$320,000        | \$2,400,460        |         |         |                       | \$2,720,460        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$320,000</b> | <b>\$2,400,460</b> |         |         |                       | <b>\$2,720,460</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** This project restores current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate based on RSMeans unit prices, at \$200 per linear foot, consultant fees \$200,000, estimate of 342 hours for construction management at \$146 per hour, 479 hours for inspection at \$146 per hour for total of \$2,493,500. A Florida Department of Transportation inflation factor (1.083%) was used to update these estimates. This project will affect approximately 782 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 4  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# LAUDERGATE ISLES SMALL WATERMAIN IMPROVEMENTS

## PROJECT#: FY 20150191

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 2112 NE 14th Court  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project is for small water main improvements in LauderGate Isles. This project will replace existing water mains, which are undersized and deteriorated, with approximately 3,800 linear feet of 6-inch water mains.

**Justification:** The Water Master Plan identifies the replacement as necessary. This will also improve quality of service by improving pressure and reducing water quality complaints.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|------------------|------------------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                  |                  |         |         |         |                             |                  |
| 454                                               | 6599  |              | \$280,000        | \$515,835        |         |         |         |                             | \$795,835        |
| Total Fund 454:                                   |       |              | \$280,000        | \$515,835        |         |         |         |                             | \$795,835        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$280,000</b> | <b>\$515,835</b> |         |         |         |                             | <b>\$795,835</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores a current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Cost estimate prepared using bid tabs of current water main projects with the City. Design Consultant fee estimated @12% and inspection fees @10% of the estimated construction cost. City engineering fees estimated at 5% for project administration. Permit fees @ 2%. This project will affect approximately 50 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# RIVER OAKS A-12 SEWER BASIN LATERALS

## PROJECT#: FY 20150202

**Project Mgr:** Steve Hillberg  
x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 1212 SW 9th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This project is for the rehabilitation of sewer laterals identified in Sewer Basin A-12, by using the cured-in-place pipe method for lateral pipes. The work will include pre and post Closed Circuit Television (CCTV) survey, flow monitoring, flow bypass, and rehabilitation of sewer laterals.

**Justification:** This project is needed to reduce inflow and infiltration in Sewer Basin A-12 and to maintain compliance with Department of Environmental Protection standards.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |         |         |         |         |         |                       |               |
| 454                                        | 6599  |              |         |         |         |         |         | \$3,570,836           | \$0           |
| Total Fund 454:                            |       |              |         |         |         |         |         | \$3,570,836           | \$0           |
| <b>GRAND TOTAL:</b>                        |       |              |         |         |         |         |         | <b>\$3,570,836</b>    | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No Budgetary Impact

### Cost Estimate Justification:

Estimate is based on the current contract with Miller Pipeline, will cover the rehabilitation of approximately 30% of this sewer basin which will cover the lateral lining of 357 laterals and repair of 53 manholes. This project will affect approximately 2,060 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3





## DURRS A-23 SEWER BASIN LATERALS

### PROJECT#: FY 20150204

**Project Mgr:** Steve Hillberg  
x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1481 NW 8th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for the rehabilitation of selected sewer laterals in Sewer Basin A-23. Rehabilitation is done by using the cured-in-place pipe method for lateral pipes. The work will include pre and post Closed Circuit Television (CCTV) survey, flow monitoring, flow bypass, and rehabilitation of the sewer laterals.

**Justification:** This project will lead to inflow and infiltration (I&I) reduction in Sewer Basin A-23, in compliance with Department of Environmental Protection standards for I&I. This sanitary sewer basin was identified as having excessive I&I flows which contributes additional sewage to George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024            | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|--------------------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |                    |                       |                    |
| 454                                               | 6599  |              |         |         |         |         | \$3,371,297        | \$6,459,220           | \$3,371,297        |
| Total Fund 454:                                   |       |              |         |         |         |         | \$3,371,297        | \$6,459,220           | \$3,371,297        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         | <b>\$3,371,297</b> | <b>\$6,459,220</b>    | <b>\$3,371,297</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No Budgetary Impact

#### Cost Estimate Justification:

Estimate is based on the current contract with Miller Pipeline, will cover the rehabilitation of 40% of this sewer basin which will cover the lateral lining of 360 laterals and repair of 82 manholes. This project will affect approximately 1,170 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# VICTORIA PARK A-17 BASIN PUMP STATION REHAB

## PROJECT#: FY 20150212

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 1011 NE 5th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration in Victoria Park, Basin A-17. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |                    |
| 454                                               | 6599  |              |         |         |         |         |         | \$8,331,303           | \$0                |
| Total Fund 454:                                   |       |              |         |         |         |         |         |                       | \$8,331,303        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         |                       | <b>\$8,331,303</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No Budgetary Impact

### Cost Estimate Justification:

The cost estimate is based on current contract prices and addresses approximately 30% of excavated point repairs, gravity main lining, lateral lining, manhole repair and sealing. This project will affect approximately 1,200 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2

**Design / Permitting:** 2

**Bidding / Award:** 2

**Construction / Closeout:** 2



## LAS OLAS ISLES D37 BASIN REHAB

### PROJECT#: FY 20150214

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 301 Lido Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration for North and South Las Olas Isles. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Waste Water Treatment Plant.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING       |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                        |
| 454                                               | 6599  |              |         |         |         |         |         | \$8,829,119                 | \$0                    |
| Total Fund 454:                                   |       |              |         |         |         |         |         |                             | \$0                    |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         |                             | <b>\$8,829,119 \$0</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budget Impact

#### Cost Estimate Justification:

The cost estimate is based on average unit cost for completed and on going sewer rehab projects. Cost include Closed Circuit Television (CCTV), cleaning, manhole rehab, mainline & lateral lining. An additional 15% has been added for consultant , Construction, Engineering, & Inspection (CEI) services and City project management fees. This project will affect approximately 2,300 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 2



## DOLPHIN ISLES B-14 SEWER BASIN REHAB

### PROJECT#: FY 20150215

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 3220 NE 23rd Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33305

**Description:** The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers for Dolphin Isles, Basins B-14.1 and B-14.2. It will employ the use of trenchless technologies to repair sewer system components such as the lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$4,468,253                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$4,468,253                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$4,468,253</b>          | <b>\$0</b>       |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budget Impact

#### Cost Estimate Justification:

The cost estimate is based on current contract prices and addresses approximately 30% of excavated point repairs, gravity main lining, lateral lining, manhole repair and sealing with a multiplier for FY20. This project will affect approximately 2, 874 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 4



## CORAL RIDGE B-4 SEWER BASIN REHAB

### PROJECT#: FY 20150216

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 1041 Bayview Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers in Basin B-4. It will employ the use of trenchless technologies to repair sewer system components such as the lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Waste Water Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                       |               |
| 454                                                              | 6599  |              |         |         |         |         |         | \$6,487,632           | \$0           |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                       |               |
| 454                                                              | 6501  |              |         |         |         |         |         |                       | \$0           |
| Total Fund 454:                                                  |       |              |         |         |         |         |         | \$6,487,632           | \$0           |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         |         | <b>\$6,487,632</b>    | <b>\$0</b>    |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No Budget Impact

#### Cost Estimate Justification:

The cost estimate is based on current contract prices and addresses approximately 30% of excavated point repairs, gravity main lining, lateral lining, manhole repair and sealing with a cost multiplier for FY22. This project will affect approximately 1,591 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Secure our community's water supply

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 6



# CORAL RIDGE COUNTRY CLUB ESTATES B11 BASIN REHAB

## PROJECT#: FY 20150218

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 3001 E Commercial Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** The project includes point repairs, minor road restoration and landscaping, and the rehabilitation of mainline sewers in Basin B-11. It will employ the use of trenchless technologies to repair sewer system components such as the lining of gravity sewers, manholes, and sewer laterals. Work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This project is based on a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows which contributes additional sewage to George T. Lohmeyer Waste Water Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>     |       |              |         |         |         |         |         |                       |               |
| 454                                                   | 6599  |              |         |         |         |         |         | \$9,030,815           | \$0           |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i> |       |              |         |         |         |         |         |                       |               |
| 454                                                   | 6534  |              |         |         |         |         |         |                       | \$0           |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>     |       |              |         |         |         |         |         |                       |               |
| 454                                                   | 6599  |              |         |         |         |         |         |                       | \$0           |
| Total Fund 454:                                       |       |              |         |         |         |         |         | \$9,030,815           | \$0           |
| <b>GRAND TOTAL:</b>                                   |       |              |         |         |         |         |         | <b>\$9,030,815</b>    | <b>\$0</b>    |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No Budget Impact

### Cost Estimate Justification:

The cost estimate is based on average unit cost for completed and on going sewer rehab projects. Cost include Closed Circuit Television (CCTV), cleaning, manhole rehab, mainline & lateral lining. An additional 15% has been added for consultant , Construction, Engineering, & Inspection (CEI) services and City project management fees. This project will affect approximately 2,800 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 2



# ADVANCED METERING INFRASTRUCTURE IMPLEMENTATION

## PROJECT#: FY 20150219

**Project Mgr:** Rick Johnson  
x7809  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Citywide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the implementation of Advanced Meter Infrastructure (AMI) throughout the water distribution system. The system will provide smart water meters with two-way communication between the meter and utility, and between the meter and our neighbors (smart grid). The project includes the purchase and installation of 62,425 water meters with AMI radio modules, a Citywide AMI network infrastructure, billing integration with the Cayenta software system, and project management.

**Justification:** Automated meter reading technology has been proven to identify lost revenues by increasing the accuracy of meters and by capturing low flow usage lost in large meters, stopped meters, and illegal consumption. Operational efficiencies will result from the elimination of contracted meter reading, reduced administrative paperwork, fewer costly field investigations, the availability of remote turn offs for non-payment, eliminating field visits for rechecks and move-in/move-outs, and reduced risk due to personnel injuries and lost time accidents. Expenditures on City-owned water accounts will likely increase as result of the project, although such increases will be small compared to the total benefit of the project. Overall, this project is expected increase revenues and decrease operational costs sufficient to pay for the project over an 8-9 year time period.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$22,900,000                | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         |                             | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         |                             | <b>\$0</b>       |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** Expenditures on City-owned water accounts will likely increase as result of the project, although such increases will be small compared to the total benefit of the project.

### Cost Estimate Justification:

The cost estimate was derived from a preliminary estimate provided by Siemens in October of 2017.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 1  
**Bidding / Award:** 0  
**Construction / Closeout:** 1



# MIDDLE RIVER TERRACE A-27 SEWER SYSTEM REHAB

## PROJECT#: FY 20150222

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Middle River Terrace  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project includes the rehabilitation of mainline sewers, manholes, and service laterals at the Sewer Basin A-27 in Middle River Terrace. The work includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. The mains, laterals, and manholes will be rehabilitated.

**Justification:** To meet the water and sewer infrastructure improvement goals. This sanitary sewer basin was identified as having excessive inflow and infiltration.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|------------------------------------------------------------------|-------|--------------|---------|------------------|---------|---------|---------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |                  |         |         |         |                       |                  |
| 454                                                              | 6599  |              |         |                  |         |         |         | \$8,018,343           | \$0              |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |                  |         |         |         |                       |                  |
| 454                                                              | 6534  |              |         | \$250,000        |         |         |         |                       | \$250,000        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |                  |         |         |         |                       |                  |
| 454                                                              | 6501  |              |         | \$37,960         |         |         |         |                       | \$37,960         |
| Total Fund 454:                                                  |       |              |         | \$287,960        |         |         |         | \$8,018,343           | \$287,960        |
| <b>GRAND TOTAL:</b>                                              |       |              |         | <b>\$287,960</b> |         |         |         | <b>\$8,018,343</b>    | <b>\$287,960</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No Budget Impact

### Cost Estimate Justification:

The cost estimate is based on average unit cost for completed and on going sewer rehab projects. Cost include Closed Circuit Television (CCTV), cleaning, manhole rehab, mainline & lateral lining. An additional 15% has been added for consultant , Construction, Engineering, & Inspection (CEI) services and City project management fees. This project will affect approximately 1,100 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 4





# ANALYSIS OF CHEMICAL ADDITION SYSTEMS-PEELE DIXIE

## PROJECT#: FY 20150228

**Project Mgr:** Steve Hillberg  
x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 4030 S State Road 7  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is to fund an engineering consultant to analyze the current chemical addition systems (fluoride, corrosion inhibitor, anti-scalant, and sulfuric acid) at the plant. The analysis will result in recommendations for the removal and replacement of tanks and equipment.

**Justification:** The analysis is expected to yield a new configuration where the bulk tanks are capable of receiving a full load. It will also evaluate if the day tanks are of adequate size to provide at least 24 hours of operations (12 million gallon per day of finished water) before needing to be refilled. Dual tanks will improve reliability and allow for maintenance of one tank without interrupting the plant's operations.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020  | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|----------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |          |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              | \$9,000  |         |         |         |         |                             | \$9,000          |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |          |         |         |         |         |                             |                  |
| 454                                                              | 6534  |              | \$81,000 |         |         |         |         |                             | \$81,000         |
| Total Fund 454:                                                  |       |              | \$90,000 |         |         |         |         |                             | \$90,000         |
| <b>GRAND TOTAL:</b>                                              |       |              | \$90,000 |         |         |         |         |                             | \$90,000         |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project restores the current deteriorated asset. No additional operating budget impact is anticipated.

### Cost Estimate Justification:

Request is based on a prior assistant director of utilities estimate/experience. Completed work will allow operational flexibility and potentially reduce costs by being able to receive full load of chemical and minimize the time spent by staff in filling up the daily tank. This project will affect approximately 18,000 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 0

**Construction / Closeout:** 1



## UTILITIES CENTRAL WAREHOUSE

### PROJECT#: FY 20190714

**Project Mgr:** Herb Stanley  
x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 949 NW 38th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the construction of an approximately 5,000 square foot warehouse at the Public Works Administration Facility.

**Justification:** The new warehouse, a butler type building, will serve as a central facility to house controlled inventories of parts, motors, pumps, clamps, fittings, small tools, small engine machinery, saws, blades, meters, safety equipment, consumable and all incidentals used by Water & Sewer Operations, and will be dispensed via an electronic inventory software. Having an inventory of such will ensure rapid response to emergencies.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|------------------|------------------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                  |                  |         |         |         |                             |                  |
| 454                                                              | 6599  |              | \$3,500          | \$825,000        |         |         |         |                             | \$828,500        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                  |                  |         |         |         |                             |                  |
| 454                                                              | 6534  |              | \$30,000         | \$10,000         |         |         |         |                             | \$40,000         |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                  |                  |         |         |         |                             |                  |
| 454                                                              | 6501  |              | \$100,000        | \$20,000         |         |         |         |                             | \$120,000        |
| Total Fund 454:                                                  |       |              | \$133,500        | \$855,000        |         |         |         |                             | \$988,500        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$133,500</b> | <b>\$855,000</b> |         |         |         |                             | <b>\$988,500</b> |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Cost estimate based purchasing a metal building (50'x100'), stormwater site work, permitting allowance and engineering fees. This project affects parcels citywide.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 3  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# UTILITIES EMERGENCY OPERATIONS CENTER & ADMIN BLDG

## PROJECT#: FY 20190715

**Project Mgr:** Irina Tokar  
x6891  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 949 NW 38th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the construction of a new Utilities Emergency Operations Center and renovation of the Administration Building.

**Justification:** To construct an Utilities Emergency Operations Center at 949 NW 38th Street which will serve as the nerve center for all Utilities' Operations during hurricanes and emergencies. This will allow for full monitoring of all three (3) plants and Supervisory Control And Data Acquisition (SCADA) signals for all pump stations. Also included as part of this project, is to renovate the Administration Building, which will encompass mold remediation, reconfiguring office spaces within the building/floors/breezeway to accommodate new chiefs/staff for the afternoon/night shifts and exterior impact improvements.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022            | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------|------------------|---------|--------------------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                  |         |                    |         |         |                             |                    |
| 454                                                              | 6599  |              | \$3,500          |         | \$3,105,424        |         |         |                             | \$3,108,924        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                  |         |                    |         |         |                             |                    |
| 454                                                              | 6534  |              | \$180,000        |         |                    |         |         |                             | \$180,000          |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                  |         |                    |         |         |                             |                    |
| 454                                                              | 6501  |              | \$120,000        |         |                    |         |         |                             | \$120,000          |
| Total Fund 454:                                                  |       |              | \$303,500        |         | \$3,105,424        |         |         |                             | \$3,408,924        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$303,500</b> |         | <b>\$3,105,424</b> |         |         |                             | <b>\$3,408,924</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Cost estimate based on new Emergency Operations Center, mold remediation of entire building, reconfiguring for office spaces; exterior impact improvements.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



## FIVEASH WTP FILTERS REHABILITATION

**PROJECT#: FY 20190716**

**Project Mgr:** Cesar Alza  
x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 3501 W Prospect Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is to rehabilitate all 22 media filters and components at the Fiveash Regional Water Treatment Plant (WTP).

**Justification:** Improve the water quality process of the Fiveash Regional WTP.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$2,000,000                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$2,000,000                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$2,000,000</b>          | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Improvement of water quality for our community builders.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Secure our community's water supply

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# PROGRAM LOGIC CONTROLLER UPGRADE/REFURBISHMENT

## PROJECT#: FY 20190717

**Project Mgr:** Colin Leslie  
x7840  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 4321 NW 9th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the conversion from A Brown Boveri (ABB) Processors to Allen Bradley processors.

**Justification:** The smaller ABB processors are at the end of their life cycle and no longer supported. The existing Programmable Logic Controllers have been in place for 13 years and require replacement.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$600,000                   | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$600,000                   | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$600,000</b>            | <b>\$0</b>       |

**Comments:** Improve reliability and continual operation of Supervisory Control And Data Acquisition (SCADA) system. Spares are no longer available for the existing hardware.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# TRANSFER PUMPS 1 & 2 PANEL REPLACEMENT

**PROJECT#: FY 20190719**

**Project Mgr:** Cesar Alza  
x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 4321 NW 9th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project will replace the aging and broken Transfer Pump 1 & 2 control panels.

**Justification:** Increase serviceable life of Transfer Pumps 1 & 2. Improve controls and reliability of the same. Improve staff safety due to the deteriorated condition.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$300,000                   | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$300,000                   | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$300,000</b>            | <b>\$0</b>       |

**Comments:** Replace aging and failure prone equipment.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

The two (2) transfer panels are in a state of poor repair and in need of immediate replacement. The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 2

**Construction / Closeout:** 2



# CONVERSION OF FOUR HIGH SERVICE PUMPS TO VFD

## PROJECT#: FY 20190720

**Project Mgr:** Cesar Alza x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Fiveash Regional WTP  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the installation of variable frequency drives (an adjustable speed motor) on high service pumps.

**Justification:** This will assist in maintaining a steady and consistent pressure in the distribution system.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022          | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|------------------|------------------|------------------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                  |                  |                  |         |                             |                  |
| 454                                               | 6599  |              |         | \$250,000        | \$250,000        | \$100,000        |         |                             | \$600,000        |
| Total Fund 454:                                   |       |              |         | \$250,000        | \$250,000        | \$100,000        |         |                             | \$600,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$250,000</b> | <b>\$250,000</b> | <b>\$100,000</b> |         |                             | <b>\$600,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Energy saving with a more efficient distribution pressure. Assists in reducing electrical consumption. The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



## CONVERSION OF BACK WASH PUMP

**PROJECT#: FY 20190721**

**Project Mgr:** Cesar Alza  
x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Fiveash Regional Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the conversion of Back Wash Pump (BWP) #2 from 4160v to 480v.

**Justification:** This will improve safety of the facility by removal of the 4160v control switch in the main galley and improve the reliability of the BWP control. Improve the procurement of spare parts and repairs.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020  | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|----------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |          |         |         |         |         |                             |                  |
| 454                                               | 6599  |              | \$90,000 |         |         |         |         |                             | \$90,000         |
| Total Fund 454:                                   |       |              | \$90,000 |         |         |         |         |                             | \$90,000         |
| <b>GRAND TOTAL:</b>                               |       |              | \$90,000 |         |         |         |         |                             | \$90,000         |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | \$0              |

**Comments:**

### Cost Estimate Justification:

Energy saving and safety. The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 0  
**Bidding / Award:** 1  
**Construction / Closeout:** 1





## WELLFIELD COMMUNICATIONS

### PROJECT#: FY 20190722

**Project Mgr:** Colin Leslie  
x7840  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 3501 W Prospect Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for installing a hardened communication network throughout the Prospect Wellfield.

**Justification:** This will improve security of the Wellfield with the removal of radio communications and replace with a reliable fibre ringmain network.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022          | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|------------------|------------------|------------------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                  |                  |                  |         |                             |                  |
| 454                                               | 6599  |              |         | \$300,000        | \$400,000        | \$100,000        |         |                             | \$800,000        |
| Total Fund 454:                                   |       |              |         | \$300,000        | \$400,000        | \$100,000        |         |                             | \$800,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$300,000</b> | <b>\$400,000</b> | <b>\$100,000</b> |         |                             | <b>\$800,000</b> |

**Comments:** The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Improvement of water supply operational controls/communication and security.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Secure our community's water supply

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2

**Design / Permitting:** 2

**Bidding / Award:** 2

**Construction / Closeout:** 4



## SEWER BASIN E-6 GRAVITY LINING

### PROJECT#: FY 20190730

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Palm Aire Village  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is to eliminate all inflow and infiltration issues within wastewater Pump Station basin E-6. This basin includes approximately 24,700 linear feet of gravity sewer. Repairs shall also include all manholes with the basin area and are to be made by installing cured in place gravity sewer lining, grouting and the use of cementitious products and coatings.

**Justification:** The sanitary sewer collection system in the Pump Station E-6 sewer basin has had numerous gravity sewer failures including collapsed pipes and sinking manholes, this has caused extensive roadway and safety concerns in the area, the additional ground water entering the system has to be pumped and treated unnecessarily and the additional flow through the damaged structures is further degrading the entire system.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |                    |
| 454                                               | 6599  |              |         |         |         |         |         | \$5,613,119           | \$0                |
| Total Fund 454:                                   |       |              |         |         |         |         |         |                       | \$0                |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         |                       | <b>\$5,613,119</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

#### Comments:

#### Cost Estimate Justification:

The cost estimate is based on average unit cost for ongoing and completed sewer projects and anticipated quantities for this project. An additional 10% has been added for consultant, City project management fees and construction inspection fees. This project will affect approximately 550 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 1



# A-32, B-16, E-6, AND E-7 PUMP STATION REPLACEMENT

## PROJECT#: FY 20190731

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☒ III ☐ IV  
**Address:** Pump Stations A-32, B-16, E-6, E-7  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is for the removal and replacement of existing Pump Stations A-32, B-16, E-6 and E-7 with new modern wet pit submersible type pump stations meeting current conditions and any new projected development.

**Justification:** These wastewater pump stations have a metal structure and were constructed in the early 1970's. The piping, hardware, protective coatings and structures have suffered deterioration due to age and the corrosive nature of sewer processing. All these metal structures have failing floors and subgrades allowing ground water into the station and have exceeded their useful life expectancy of 30 years. All of these stations have been identified in the Utilities Master Plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023            | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|---------|---------|---------|--------------------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |                    |         |                       |                    |
| 454                                               | 6599  |              |         |         |         | \$4,995,872        |         |                       | \$4,995,872        |
| Total Fund 454:                                   |       |              |         |         |         | \$4,995,872        |         |                       | \$4,995,872        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         | <b>\$4,995,872</b> |         |                       | <b>\$4,995,872</b> |

**Comments:** The operation and maintenance costs have increased significantly over the last 10 years to maintain a proper serviceability level of these older facilities.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

### Cost Estimate Justification:

The cost estimate is based on pumping station rehab for stations D-10 and D-11 which are of similar size and scope. An additional 25% has been added for consultant , Construction, Engineering, & Inspection (CEI) service fees and City project management fees. This project will affect approximately 1,300 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# TRIPLEX PUMPING STATION REHABILITATION

**PROJECT#: FY 20190732**

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** PS A-8, 20, 22, 23, 27, 28, 29, 31, B-4, 11  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is for the complete rehabilitation of wastewater Pump Stations A-7, A-8, A-20, A-22, A-23, A-27, A-28, A-29, A-31, B-4 and B-11. The work shall include the removal and replacement of all mechanical, electrical and ventilation equipment, replacement of all pumps, pipes, valves, suction and discharge piping, re-routing of discharge piping, repairs and protective coating of the wet well, relocation of all controls to outside of the station and any structural repairs needed. All pumps and equipment shall meet current conditions and take into account any future development.

**Justification:** These wastewater pump stations were constructed in the early 1970's and the equipment has far exceeded its life expectancy and requires rehabilitation and modernization. Smaller pumps no longer meet current conditions. Pumps, motors and controls do not meet current efficiency standards. Electrical equipment and non-submersible rated equipment are at risk of flooding and possibly disabling the station during storm events. All of these stations have been identified in the Utilities Master Plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

## Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING           |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|-------------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |                         |
| 454                                               | 6599  |              |         |         |         |         |         | \$25,421,472          | \$0                     |
| Total Fund 454:                                   |       |              |         |         |         |         |         |                       | \$0                     |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         |                       | <b>\$25,421,472 \$0</b> |

**Comments:** The operation and maintenance costs have increased significantly over the last 10 years to maintain a proper service ability level of these older facilities.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

## Cost Estimate Justification:

The cost estimate is based on pumping station rehab for stations B-10 and A-12 which are of similar size and scope. An additional 15% has been added for consultant , Construction, Engineering, & Inspection (CEI) service fees and City project management fees. This project will affect approximately 11,500 parcels.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# WATER TREATMENT FACILITIES ARC FLASH TESTING/SURGE

## PROJECT#: FY 20190734

**Project Mgr:** Cesar Alza  
x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 1500 S State Road 7  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project is for Arc Flash Testing/Surge Protection Upgrades.

**Justification:** Test and maintenance on electrical switchgear. The switchgear is the link to all electrical systems for plant operation. Safety, code and reliability concerns.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |         |         |         |         |         |                             |                  |
| 454                                        | 6599  |              |         |         |         |         |         | \$550,000                   | \$0              |
| Total Fund 454:                            |       |              |         |         |         |         |         | \$550,000                   | \$0              |
| <b>GRAND TOTAL:</b>                        |       |              |         |         |         |         |         | <b>\$550,000</b>            | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Based on historical replacement cost plus installation.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 2

**Construction / Closeout:** 2



## MEMBRANE CLEANING SYSTEM UPGRADE

**PROJECT#: FY 20190735**

**Project Mgr:** Don Hering  
x7502  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Peele Dixie Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project will add a Variable Frequency Drive (an adjustable speed motor) to the Cleaning Pump at Peele Dixie Water Treatment Plant.

**Justification:** Safety Issue and Pump Motor Preservation

**Source Of the Justification:** City of Fort Lauderdale Comprehensive Plan (04/15/08, CAR 08-0534, Item O-02)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021         | FY 2022         | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|---------------------------------------------------|-------|--------------|---------|-----------------|-----------------|---------|---------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                 |                 |         |         |                       |                  |
| 454                                               | 6599  |              |         | \$20,000        | \$80,000        |         |         |                       | \$100,000        |
| Total Fund 454:                                   |       |              |         | \$20,000        | \$80,000        |         |         |                       | \$100,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$20,000</b> | <b>\$80,000</b> |         |         |                       | <b>\$100,000</b> |

**Comments:** Improve operational controls, staff safety, and chemical usage.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

### Cost Estimate Justification:

The cost estimate is based on prior work by consultants/contractors on various electrical/instrumentation projects.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## NEW PEELE DIXIE MAINTENANCE BUILDING

**PROJECT#: FY 20190736**

**Project Mgr:** Don Hering  
x7502  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Peele Dixie Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project will build a new plant maintenance building on property at the Peele Dixie Water Treatment Plant.

**Justification:** Maintenance personnel have no dedicated work area. A maintenance facility was not included in original construction of membrane plant.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |         |         |         |         |         |                             |                  |
| 454                                        | 6599  |              |         |         |         |         |         | \$500,000                   | \$0              |
| Total Fund 454:                            |       |              |         |         |         |         |         | \$500,000                   | \$0              |
| <b>GRAND TOTAL:</b>                        |       |              |         |         |         |         |         | <b>\$500,000</b>            | <b>\$0</b>       |

**Comments:** Build a new plant maintenance building.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Based on historical cost.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 2



## MEMBRANE(S) REPLACEMENT

### PROJECT#: FY 20190737

**Project Mgr:** Cesar Alza  
x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Peele Dixie Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project is for the replacement of Peele Dixie Water Treatment Plant Water Membranes.

**Justification:** Anticipated life of membrane elements can be as short as five (5) years.

**Source Of the Justification:** City of Fort Lauderdale Comprehensive Plan (04/15/08, CAR 08-0534, Item O-02)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |         |         |         |         |         |                             |                  |
| 454                                        | 6599  |              |         |         |         |         |         | \$1,500,000                 | \$0              |
| Total Fund 454:                            |       |              |         |         |         |         |         | \$1,500,000                 | \$0              |
| <b>GRAND TOTAL:</b>                        |       |              |         |         |         |         |         | <b>\$1,500,000</b>          | <b>\$0</b>       |

**Comments:** Replacement of Membranes

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Based on historical replacement cost plus installation.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Improve air and water quality and our natural environment

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1





# UPGRADE PEELE DIXIE PROCESS CONTROL SYSTEM

**PROJECT#: FY 20190738**

**Project Mgr:** Juan Arcia  
x5337  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Peele Dixie Water Treatment Plant  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project will upgrade the existing Process Control System at Peele Dixie Water Treatment Plant.

**Justification:** The existing controllers are programmed with outdated software no longer compatible with operating systems released in the past 15 years or to be released in the future. In addition, the existing Industrial Protocol used to communicate among control panels is cumbersome and expensive to maintain. The new system would replace such protocol as well.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$610,000                   | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$610,000                   | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$610,000</b>            | <b>\$0</b>       |

**Comments:** The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

Comprehensive Utility Master Plan 2016-UW3-06

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# SW 11 ST & SW 30 AVE SMALL WATER MAIN REPLACEMENT

## PROJECT#: FY 20190739

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** SW 11th Street & SW 30th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project will replace approximately 3,550 linear feet of 6-inch cast iron water main that was installed in 1954.

**Justification:** The existing 6-inch cast iron pipe (CIP) water main has repeatedly failed and has extensive tuberculation and internal corrosion which has reduced the internal diameter from 6 inches down to nearly 2 inches. This reduction in internal diameter severely reduces flow and is causing a critical impact to fire protection and water pressure in the area. Replacement of the main will reduce risk, restore fire protection, and improve water quality and pressure in the neighborhood.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023            | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|--------------------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |                    |         |                             |                    |
| 454                                                              | 6599  |              |         |         |         | \$779,421          |         |                             | \$779,421          |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |                    |         |                             |                    |
| 454                                                              | 6534  |              |         |         |         | \$229,242          |         |                             | \$229,242          |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |                    |         |                             |                    |
| 454                                                              | 6501  |              |         |         |         | \$61,132           |         |                             | \$61,132           |
| Total Fund 454:                                                  |       |              |         |         |         | \$1,069,795        |         |                             | \$1,069,795        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         | <b>\$1,069,795</b> |         |                             | <b>\$1,069,795</b> |

**Comments:** Construction, design, engineering services, restoration.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The project cost is based on comparable 2017 project costs for small water main replacement in Lake Estates at a total project cost of \$583 per linear foot. This project will affect approximately 110 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## LAS OLAS PUMP STATION REHAB

### PROJECT#: FY 20190745

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Las Olas Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the rehabilitation of wastewater Pump Stations D-8, D-9, D-17, D-18, D-19, D-20, D-21, D-22 and D-33. The work shall include the removal and replacement of all pumps, wet well and valve vault piping, valves, piping, guide rails and other assemblies, removal of existing wetwell lining, concrete repair in wetwell, apply new wet well coatings and/or liner, remove and replace existing top slab with integrated with H-20 heavy duty rated traffic-rated hatches for wetwell and valve vault and full rehabilitation of terminal manholes as needed. All pumps and equipment are to meet current and future operating conditions and take into account any future development. No condition changes are anticipated at this time and pumps should match existing. The existing electrical control panels will remain. Wet well vent stacks are to be installed with passive odor control devices such as a carbon filter.

**Justification:** These coastal waste water pump stations were constructed in the early 1950's and last rehabilitated in the 1980's. The piping, hardware, protective coatings and structures have suffered deterioration due to inflow and exfiltration, exposure to salt water during tidal flooding and corrosion due to sewer gas. The aluminum wet well and valves vaults hatches are failing due to heavy traffic and the aggressive coastal elements. All of these stations have been identified in the Utilities Master Plan.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|------------------|--------------------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |                  |                    |                             |                    |
| 454                                                              | 6599  |              |         |         |         |                  | \$5,400,000        |                             | \$5,400,000        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |                  |                    |                             |                    |
| 454                                                              | 6534  |              |         |         |         | \$540,000        | \$624,000          |                             | \$1,164,000        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |                  |                    |                             |                    |
| 454                                                              | 6501  |              |         |         |         | \$60,736         | \$60,736           |                             | \$121,472          |
| Total Fund 454:                                                  |       |              |         |         |         | \$600,736        | \$6,084,736        |                             | \$6,685,472        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         | <b>\$600,736</b> | <b>\$6,084,736</b> |                             | <b>\$6,685,472</b> |

**Comments:** Rehabilitation of existing pump station. Cost is based on recent bids for the rehabilitation of Pump Stations D-10 and D- 11 which are similar in size and scope of work required. Additional costs include 25% consulting, Project Manager and inspection fees.

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Impact, these are existing pump stations.

#### Cost Estimate Justification:

Rehabilitation of existing pump station. Cost is based on recent bids for the rehabilitation of Pump Stations D-10 and D-11 which are similar in size and scope of work required. Additional costs include 25% consulting , project manager and inspection fees. This project will affect approximately 650 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 8

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure



# SMALL WATER MAIN REPLACEMENT - SEABREEZE BLVD

## PROJECT#: FY 20190746

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** Seabreeze Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project will replace 17,000 linear feet of 6-inch and 8-inch cast iron water mains installed between 1951 and 1967 with 12-inch mains.

**Justification:** The old cast iron pipe has had numerous failures and the neighborhood has had chronic low pressure issues due to the undersized pipes and high demand during irrigation. Operations field verification has identified hydraulic bottlenecks where large 12-inch and 16-inch mains are reduced down to 6 and 8 inches and then back up to 12 inches. Approval of funding for this project will improve customer relations, provide better water quality, much better distribution system pressure, and significantly improve fire protection for the neighborhood.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|--------------------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |                    |                             |                    |
| 454                                                              | 6501  |              |         |         |         |         | \$42,000           | \$98,000                    | \$42,000           |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |                    |                             |                    |
| 454                                                              | 6534  |              |         |         |         |         | \$270,000          | \$630,000                   | \$270,000          |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |                    |                             |                    |
| 454                                                              | 6599  |              |         |         |         |         | \$3,006,000        | \$7,014,000                 | \$3,006,000        |
| Total Fund 454:                                                  |       |              |         |         |         |         | \$3,318,000        | \$7,742,000                 | \$3,318,000        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         | <b>\$3,318,000</b> | <b>\$7,742,000</b>          | <b>\$3,318,000</b> |

**Comments:** Construction, design, engineering services, restoration

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The project cost is based on comparable project costs for small water main replacement at a total project cost of \$250 per linear foot.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# SMALL WATER MAIN REPLACEMENT - SW 10TH COURT

## PROJECT#: FY 20190747

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** SW 10th Court  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project will replace approximately 1,500 linear feet of 6-inch water main along SW 10th Court.

**Justification:** The 6-inch water main has an unknown installation date and is in poor condition due to age. The main is located on private property in backyards between homes. The water main should be replaced to avoid property damage to neighbors homes if failure occurs. Replacement of this main will reduce risk, improve fire protection, and improve water quality to the neighborhood.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         | \$15,000         | \$35,000                    | \$15,000         |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6534  |              |         |         |         |         | \$53,000         | \$127,500                   | \$53,000         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         | \$270,000        | \$630,000                   | \$270,000        |
| Total Fund 454:                                                  |       |              |         |         |         |         | \$338,000        | \$792,500                   | \$338,000        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         | <b>\$338,000</b> | <b>\$792,500</b>            | <b>\$338,000</b> |

**Comments:** Construction, design, engineering services, restoration

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The project cost is based on comparable 2017 project costs for small water main replacement in Lake Estates at a total project cost of \$583 per linear foot. This project will affect parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# SMALL WATER MAIN REPLACEMENT - NE 51ST STREET

## PROJECT#: FY 20190748

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** NE 51st Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project will replace approximately 38,000 linear feet of 4-inch, 6-inch, and 8-inch water mains installed between 1955 and 1979.

**Justification:** The 4-inch water main in the NE 51st street area has suffered numerous failures due to age and condition. In addition, the larger 6-inch and 8-inch mains are in very poor condition with severe corrosion and interior tuberculation reducing the internal diameter of the pipe which causes low flow and impacts system pressure and fire protection. Failure to approve will lead to increased maintenance costs, service interruptions, poor water quality and diminished fire protection. Approval of funding will return the neighborhood to expected standards of water quality, system pressure and fire protection as well as reduce system maintenance costs.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023            | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|--------------------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |                    |         |                             |                    |
| 454                                                              | 6501  |              |         |         |         | \$768,000          |         |                             | \$768,000          |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |                    |         |                             |                    |
| 454                                                              | 6534  |              |         |         |         | \$1,152,000        |         |                             | \$1,152,000        |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |                    |         |                             |                    |
| 454                                                              | 6599  |              |         |         |         |                    |         | \$7,680,000                 | \$0                |
| Total Fund 454:                                                  |       |              |         |         |         | \$1,920,000        |         | \$7,680,000                 | \$1,920,000        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         | <b>\$1,920,000</b> |         | <b>\$7,680,000</b>          | <b>\$1,920,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

### Comments:

### Cost Estimate Justification:

The project cost is based on bid tabs of comparable project costs for small water main replacement in Victoria Park at a total project cost of \$202 per linear foot (average of bids). This project will affect approximately 420 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# SMALL WATER MAIN REPLACEMENT - HENDRICKS ISLE

**PROJECT#: FY 20190749**

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Hendricks Isle  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project will replace approximately 3,500 linear feet of old 6-inch water main preferably by pipe bursting methods to minimize impact to neighbors. Mill and pave entire street to improve drivability.

**Justification:** The 6-inch ductile iron water main is located in soil suffering from tidal influence and has suffered severe external corrosion. As a result, the water main has failed multiple times causing loss of service and precautionary boil water notices for the entire Isle. The old 6-inch main is brittle due to the external corrosion and has failed simply due to heavy truck activity. The failing pipe should be replaced with polyvinyl chloride (PVC) pipe material via pipe bursting to minimize impact to the neighbors. Failure to replace the main will result in additional breaks, loss of service, and precautionary boil water notices.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         | \$300,000        | \$1,242,150                 | \$300,000        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6534  |              |         |         |         |         |                  | \$122,500                   | \$0              |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |                  |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         |                  | \$85,750                    | \$0              |
| Total Fund 454:                                                  |       |              |         |         |         |         | \$300,000        | \$1,450,400                 | \$300,000        |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         | <b>\$300,000</b> | <b>\$1,450,400</b>          | <b>\$300,000</b> |

**Comments:** Construction, design, engineering services, restoration including milling and paving the entire street.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** The operating budget continues to be impacted as long as the old 6-inch water main remains in service and continues to suffer from failures due to age and condition.

## Cost Estimate Justification:

Cost estimate based on \$350 per linear feet of pipe installed. This project will affect parcels in the Hendricks Isle area.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4





# SMALL WATER MAIN REPLACEMENT - NORTH GORDON ROAD

## PROJECT#: FY 20190750

**Project Mgr:** Krishan Kandial x4019  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** Gordon Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project will replace approximately 1,500 linear feet of 6-inch ductile iron pipe water main and install approximately 3,000 linear feet of new 8-inch water main to remove the dead end main and create a looped system on North Gordon Road.

**Justification:** The existing 6-inch main has an unknown installation date and is in very poor condition. The main has suffered repeated breaks due to age and condition. Replacement of the water main will provide improved fire service protection, water quality, and water pressure to North Gordon Road.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$2,011,350                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$2,011,350                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$2,011,350</b>          | <b>\$0</b>       |

**Comments:** Construction, design, engineering services, restoration

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** The operating budget will continue to be impacted as long as the old 6-inch water main remains in service and continues to suffer from failures due to age and condition.

### Cost Estimate Justification:

The project cost is based on comparable project cost for small water main replacement of NE 57 street small water main improvements at an approximate cost of \$120 per linear foot. This project will affect approximately 30 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# PEELE DIXIE WATER TREATMENT PLANT DISTRIBUTION

## PROJECT#: FY 20190751

**Project Mgr:** Steve Hillberg  
x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 1500 S State Road 7  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project will install approximately 500 linear feet of 30-inch ductile iron pipe to connect the existing high service pump header to the existing distribution discharge pipe on the west side of the old Peele Dixie Water Treatment Plant to create a second, redundant discharge system for the Peele Dixie Membrane Plant.

**Justification:** Approval of funding will create redundancy and remove a critical "single point of failure" from the current plant distribution system.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$402,270                   | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$402,270                   | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$402,270</b>            | <b>\$0</b>       |

**Comments:** Construction, design, engineering services, restoration

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The project cost is based on comparable 2017 project costs for small water main replacement in Lake Estates at a total project cost of \$583 per linear foot. This project will affect approximately 18,000 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# SMALL WATER MAIN ABANDONMENT - SE 25TH AVENUE

**PROJECT#: FY 20190752**

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SE 25th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** Abandon approximately 1,100 linear feet of old 6-inch cast iron water main on SE 25th Avenue from 17th Street Ramp to SE 19th Place (Barbara Drive). Move all water services from the old 6-inch water main to the existing 8-inch water main. Abandon the 6-inch water main in place (cut, cap, grout). An option would be to pipe burst the main to maintain water main redundancy.

**Justification:** The 6-inch ductile iron pipe water main is located in soil suffering from tidal influence and has suffered severe external corrosion. As a result, the 6-inch cast iron water main has failed multiple times causing loss of service and precautionary boil water notices. An 8-inch water main is installed on the same street and is in good condition. The old 6-inch main is thin due to the external corrosion and needs to be abandoned in place and the service connections need to be transferred to the existing 8-inch main. Failure to move the services from the old main and abandon the main in place will result in additional breaks, loss of service, and additional precautionary boil water notices.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$480,825                   | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$480,825                   | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$480,825</b>            | <b>\$0</b>       |

**Comments:** Construction, design, engineering services, restoration.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** The operating budget continues to be impacted as long as the old 6- inch water main remains in service and continues to suffer from failures due to age and condition.

## Cost Estimate Justification:

Cost estimate based on pipe bursting average for water main project, connecting all services in connection with pipe bursting. The City maintain redundancy in the system. This project will affect approximately 25 parcels.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# SMALL WATER MAIN REPLACEMENT - SW 18 ST & SW 18 CT

**PROJECT#: FY 20190753**

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SW 18th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project will replace and relocate approximately 600 linear foot of pipe which is inside private property. In order to connect properties a new line (looped) is needed. Move 1,700 linear feet of 2-inch and 6-inch water mains from behind homes into the City's right-of-way.

**Justification:** The existing 6-inch water main is located on private property between homes and is in very poor condition. The existing main should be abandoned and replaced with a new main on SW 18th Street in the City right-of-way. Relocation of the main will remove it from private property and provide reduced risk to the neighbors as well as improve accessibility for utilities to provide maintenance.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$333,154                   | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$333,154                   | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$333,154</b>            | <b>\$0</b>       |

**Comments:** Construction, design, engineering services, restoration

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** Project restores a deteriorated asset. No additional operating budget impact is anticipated.

## Cost Estimate Justification:

Cost estimate prepared using bid tabs of current water main projects with the City. Fees estimated @12% and inspection fees @10% of the estimated construction cost. City engineering fees estimated at 5% for project administration. Permit fees @ 2%. This project will affect approximately 16 parcels.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# SMALL WATER MAIN REPLACEMENT - SW 31ST AVENUE

## PROJECT#: FY 20190754

**Project Mgr:** Steve Hillberg  
x5076  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SW 31 Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is to replace approximately 10,500 linear feet of 6-inch and 8-inch cast iron pipe installed in the 1950's and relocate the main from backyards to the City right-of-way. This project is located between Broward Blvd and Riverland Road.

**Justification:** The existing 6-inch cast iron water main was installed in the 1950's and is located on private property, between homes and in back yards. Failures on these pipes will result in damage to personal property. The mains need to be abandoned and relocated to the City right-of-way. Approval of this project will reduce risk, upgrade our infrastructure, improve water quality, pressure, and fire protection for this neighborhood.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         |         | \$2,871,795                 | \$0              |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6534  |              |         |         |         |         |         | \$402,051                   | \$0              |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         |         | \$86,154                    | \$0              |
| Total Fund 454:                                                  |       |              |         |         |         |         |         | \$3,360,000                 | \$0              |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         |         | <b>\$3,360,000</b>          | <b>\$0</b>       |

**Comments:** Construction, design, engineering services, restoration

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The project cost is based on comparable 2017 project costs for small water main replacement in Lake Estates at a total project cost of \$583 per linear foot.  
This project will affect approximately 100 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# SMALL WATER MAIN REPLACEMENT - SW 37 TERRACE

## PROJECT#: FY 20190755

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SW 37th Terrace  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for the replacement of approximately 15,800 linear feet of 6-inch and 10-inch water mains in the SW 37 Terrace area.

**Justification:** The 6-inch and 10-inch water mains in the project scope are more than 60 years old and have failed multiple times. The existing mains are in poor condition and need to be replaced. Failure to replace the mains will result in continued breaks that will cause service interruptions, loss of fire protection, and property damage. Approval of this project will provide improved flow, pressure and water quality in addition to improved fire protection and lower maintenance costs.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              |         |         |         |         |         | \$460,570                   | \$0              |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6534  |              |         |         |         |         |         | \$1,381,710                 | \$0              |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |         |         |         |         |         |                             |                  |
| 454                                                              | 6599  |              |         |         |         |         |         | \$9,285,091                 | \$0              |
| Total Fund 454:                                                  |       |              |         |         |         |         |         | \$11,127,371                | \$0              |
| <b>GRAND TOTAL:</b>                                              |       |              |         |         |         |         |         | <b>\$11,127,371</b>         | <b>\$0</b>       |

**Comments:** Construction, design, engineering services, restoration

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The project cost is based on comparable 2017 project costs for small water main replacement in the Lake Estates neighborhood at a total project cost of \$583 per linear foot. This project will affect approximately 2500 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



## NEW PUMPING STATION FLAGLER VILLAGE A-24

### PROJECT#: FY 20190758

**Project Mgr:** Daniel Fisher  
x5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 310 NE 6th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is to design and construct a new wastewater pump station between NE 3rd and NE 4th Avenue on NE 6th Street. Split the existing gravity system in the same location and redirect the southern section to the new pump station. Construct new 12-inch forcemain from new pump station to the existing 18-inch forcemain on NE 5th Street.

**Justification:** The service area for wastewater Pump Station A-21 has experienced heavy development growth and the construction of a new pump station dividing the existing service area will provide needed capacity for the present and future needs.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Water Sewer

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |                  |                             |                  |
| 454                                               | 6599  |              |         |         |         |         | \$260,736        | \$2,268,736                 | \$260,736        |
| Total Fund 454:                                   |       |              |         |         |         |         | \$260,736        | \$2,268,736                 | \$260,736        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         | <b>\$260,736</b> | <b>\$2,268,736</b>          | <b>\$260,736</b> |

**Comments:** Current energy usage at neighboring A-21 Pumping Station split and accounting for Operations estimated Costs to operate and maintain equipment. Pumping Station will not require much maintenance during first two years of operation.

#### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023         | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|---------|-----------------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |                 |         |                             |                  |
| CHAR 30                             |              |         |         |         | \$15,000        |         |                             | \$15,000         |
| <b>TOTAL</b>                        |              |         |         |         | <b>\$15,000</b> |         |                             | <b>\$15,000</b>  |

**Comments:** Additional on-going operational and maintenance costs for maintaining infrastructure.

#### Cost Estimate Justification:

Cost estimate based on average bid line items for new pump station A-13. An additional 25% has been added for consulting, inspection and City project manager fees. This project will affect approximately 500 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



## SEWER BASIN E-5 GRAVITY LINING

**PROJECT#: FY 20190764**

**Project Mgr:** Daniel Fisher  
X5850  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 6772 NW 32nd Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is to eliminate all Inflow and Infiltration issues within waste water pumping station basin E-5. This basin includes approximately 24,500 linear feet of gravity sewer. Repairs shall also include all manholes with the basin area. Repairs are to be made by installing cured in place gravity sewer lining, grouting and the use of cementitious products and coatings.

**Justification:** The sanitary sewer collection system in the E-5 sewer basin has had numerous gravity sewer failures including collapsed pipes and sinking manholes. This has caused extensive roadway and safety concerns in the area, the additional ground water entering the system has to be pumped and treated unnecessarily and the additional flow through the damaged structures is further degrading the entire system.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023            | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|---------------------------------------------------|-------|--------------|---------|---------|---------|--------------------|---------|-----------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |                    |         |                       |                    |
| 454                                               | 6599  |              |         |         |         | \$2,063,013        |         | \$3,550,106           | \$2,063,013        |
| Total Fund 454:                                   |       |              |         |         |         | \$2,063,013        |         | \$3,550,106           | \$2,063,013        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         | <b>\$2,063,013</b> |         | <b>\$3,550,106</b>    | <b>\$2,063,013</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

The cost estimate is based on average unit cost for ongoing and completed sewer projects and anticipated quantities for this project. An additional 10% has been added for consultant, City project management fees and construction inspection fees. This project will affect approximately 660 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1





# FORCE MAIN (B-1 DISCHARGE) IMPROVEMENTS

**PROJECT#: FY 20190770**

**Project Mgr:** Daniel Fisher  
x5071  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 3201 NE 36th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project is for the replacement of an existing 10-inch force main and will tie into the existing 18-inch force main cross over on Bayview Drive (approximately 350 linear feet) to NE 37th Court in order to reduce velocity. A valve closure may be required to implement. Project includes a 600 foot subaqueous crossing beneath the Intracoastal Waterway.

**Justification:** The hydraulic model developed for the 2006 Water Master Plan Update will be run with several scenarios, to determine the pressure impacts. The adequacy of the transmission system network shall be determined based upon a minimum required transmission system pressure of 45 pounds per square inch during the peak hour demand.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

## Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$2,045,920                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$2,045,920                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$2,045,920</b>          | <b>\$0</b>       |

**Comments:** Construction of 2,000 linear feet of force main including 600 of subaqueous crossing below the intracoastal.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** None, project replaces an existing force main.

## Cost Estimate Justification:

Cost estimate based on schedule of value line items from P12196 and applied to anticipated quantities for P 12407. Consultant design fee estimated at approximately 13% of construction costs. Construction, engineering, and inspection services included with one full time inspector on-site. This project affects parcels citywide.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



## NORTH NEW RIVER DRIVE EAST

### PROJECT#: FY 20200812

**Project Mgr:** Rick Johnson  
x7809  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** N. New River Drive East  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is to replace approximately 1,285 linear feet of 6" ductile iron water main that has had numerous failures with 8" polyvinyl chloride (PVC) water main between East Las Olas and SE 3rd Avenue along North New River Drive East.

**Justification:** The 6" ductile iron water main is located in soil that suffers from tidal influence and has suffered severe external corrosion. As a result, the water main has failed multiple times causing loss of service and precautionary boil water notices. The existing 6-inch main is brittle due to the external corrosion and has failed multiple times. The failing pipe should be replaced with PVC pipe material via pipe bursting to minimize impact to the neighbors. Failure to replace the main will result in additional breaks, loss of service, and precautionary boil water notices.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020         | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|-----------------|------------------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                 |                  |         |         |         |                             |                  |
| 454                                                              | 6501  |              | \$38,023        |                  |         |         |         |                             | \$38,023         |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                 |                  |         |         |         |                             |                  |
| 454                                                              | 6534  |              | \$60,837        |                  |         |         |         |                             | \$60,837         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                 |                  |         |         |         |                             |                  |
| 454                                                              | 6599  |              |                 | \$380,323        |         |         |         |                             | \$380,323        |
| Total Fund 454:                                                  |       |              | \$98,860        | \$380,323        |         |         |         |                             | \$479,183        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$98,860</b> | <b>\$380,323</b> |         |         |         |                             | <b>\$479,183</b> |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Cost estimate based on 1,285 linear feet of 8-inch water main at \$269 per linear foot with a 10% contingency fee (6599), 8% Construction Management Fee and 8% Consultant's (6534), 10% City Design Management Fee, as per recent approved task orders. Considering design in 2020 and the construction in 2121. This project will improve infrastructure reliability and help maintain water service to N. New River Drive East. This will affect 5 parcels within the City.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# FIVEASH WTP- DIESEL BLDG SOUND PROOF CEILING PANEL

**PROJECT#: FY 20200832**

**Project Mgr:** Cesar Alza x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** (for Mail): c/o 949 NW 38 Street; Fort Lauderdale  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for replacing sound proof ceiling panels in the diesel building which are deteriorated. They need to be removed and replaced with new ones to improve sound deadening and to minimize employee safety hazards.

**Justification:** The sound proof ceiling panels in the diesel building were installed over 10 years ago. Their condition is critical and we need to minimize impact to staff and high service pumps safety and fire hazard .

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$ | FY 2020         | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------------|-------|--------------|-----------------|---------|---------|------------------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i> |       |              |                 |         |         |                  |         |                             |                  |
| 454                                                   | 6534  |              | \$20,000        |         |         |                  |         |                             | \$20,000         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>     |       |              |                 |         |         |                  |         |                             |                  |
| 454                                                   | 6599  |              |                 |         |         | \$500,000        |         |                             | \$500,000        |
| Total Fund 454:                                       |       |              | \$20,000        |         |         | \$500,000        |         |                             | \$520,000        |
| <b>GRAND TOTAL:</b>                                   |       |              | <b>\$20,000</b> |         |         | <b>\$500,000</b> |         |                             | <b>\$520,000</b> |

**Comments:**

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

The cost estimated is based on prior informal estimates(quotes) by vendors/contractors on other projects. This project affects parcels citywide.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



## FIVEASH WTP- SLUICE GATES REPLACEMENT

**PROJECT#: FY 20200833**

**Project Mgr:** Cesar Alza x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** (for Mail): c/o 949 NW 38 Street; Fort Lauderdale  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** The sluice gates around the plant don't work properly. They need to be removed and replaced with new ones that meet National Sanitation Foundation (NSF) or Food Grade requirements.

**Justification:** The sluice gates around the plant don't work properly. They need to be replaced to improve plant performance and water quality.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$ | FY 2020         | FY 2021          | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------------|-------|--------------|-----------------|------------------|------------------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i> |       |              |                 |                  |                  |         |         |                             |                  |
| 454                                                   | 6534  |              | \$20,000        |                  |                  |         |         |                             | \$20,000         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>     |       |              |                 |                  |                  |         |         |                             |                  |
| 454                                                   | 6599  |              |                 | \$200,000        | \$200,000        |         |         |                             | \$400,000        |
| Total Fund 454:                                       |       |              | \$20,000        | \$200,000        | \$200,000        |         |         |                             | \$420,000        |
| <b>GRAND TOTAL:</b>                                   |       |              | <b>\$20,000</b> | <b>\$200,000</b> | <b>\$200,000</b> |         |         |                             | <b>\$420,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The cost estimated is based on prior informal estimates(quotes) by vendors/contractors on other projects. This project affects parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# PEELE DIXIE WTP - GEOLOGICAL PLANNING DOCUMENT

## PROJECT#: FY 20200834

**Project Mgr:** Cesar Alza x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☐ IV  
**Address:** (for Mail): c/o 949 NW 38 Street; Fort Lauderdale  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project will provide a Geological planning document. In order to expand the Peele Dixie Water Treatment Plant's production, we must identify new specific locations for wells in the Floridan Aquifer.

**Justification:** The City's Comprehensive Utility Strategic (CUS) Master Plan, Water Supply Plan includes expansion of the water plant production via Floridan Wells and Reverse Osmosis.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$ | FY 2020   | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------------|-------|--------------|-----------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i> |       |              |           |         |         |         |         |                             |                  |
| 454                                                   | 6534  |              | \$185,000 |         |         |         |         |                             | \$185,000        |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>     |       |              |           |         |         |         |         |                             |                  |
| 454                                                   | 6599  |              | \$40,000  |         |         |         |         |                             | \$40,000         |
| Total Fund 454:                                       |       |              | \$225,000 |         |         |         |         |                             | \$225,000        |
| <b>GRAND TOTAL:</b>                                   |       |              | \$225,000 |         |         |         |         |                             | \$225,000        |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | \$0              |

**Comments:**

### Cost Estimate Justification:

The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects. This project affects parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



# PEELE DIXIE WTP INJECTION WELL MECHANICAL INTEGRIT

## PROJECT#: FY 20200835

**Project Mgr:** Cesar Alza x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** (for Mail): c/o 949 NW 38 Street; Fort Lauderdale  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33317

**Description:** This project is for the Peele Dixie Water Treatment Plant (WTP) injection well that must be tested every five (5) years to ensure its integrity and renew its license.

**Justification:** The Peele Dixie WTP Injection Well Mechanical Integrity Testing is required to be completed every 5 years in order to keep the injection well in operation and to meet Florida Department of Environmental Protection licensing requirements.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$ | FY 2020  | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------------|-------|--------------|----------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i> |       |              |          |         |         |         |         |                             |                  |
| 454                                                   | 6534  |              | \$20,000 |         |         |         |         |                             | \$20,000         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>     |       |              |          |         |         |         |         |                             |                  |
| 454                                                   | 6599  |              | \$40,000 |         |         |         |         |                             | \$40,000         |
| Total Fund 454:                                       |       |              | \$60,000 |         |         |         |         |                             | \$60,000         |
| <b>GRAND TOTAL:</b>                                   |       |              | \$60,000 |         |         |         |         |                             | \$60,000         |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | \$0              |

**Comments:**

### Cost Estimate Justification:

The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects. This parcel affects parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## CORDOVA ROAD WATER MAIN

### PROJECT#: FY 20200836

**Project Mgr:** Rick Johnson x7809    **Department:** Public Works    **Address:** Cordova Road between SE 7th Street and SE 12th Street  
**Fund:** 454 Water and Sewer Master Plan    **City:** Fort Lauderdale  
**District:** ☒ I ☒ II ☒ III ☒ IV    **State:** FL  
**Zip:** 33316

**Description:** This project will replace 2,600 linear feet of 8", 4" and 2" cast iron water mains between SE 7th Street and SE 12th Street on Cordova Road with a single 8" polyvinyl chloride (PVC) water main.

**Justification:** The existing 8" cast iron pipe water main needs to be replaced with a PVC water main and the 4" and 2" water mains need to be abandoned and any existing services moved to the new 8" main. The new water main will improve reliability in an area that suffers from salt water tidal influence. The new main will also improve flow rates, water quality, and reduce maintenance.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|------------------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |                  |         |                             |                  |
| 454                                               | 6599  |              |         |         |         | \$200,028        |         | \$769,340                   | \$200,028        |
| Total Fund 454:                                   |       |              |         |         |         | \$200,028        |         | \$769,340                   | \$200,028        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         | <b>\$200,028</b> |         | <b>\$769,340</b>            | <b>\$200,028</b> |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Cost estimate based on 2,600 linear feet of 8-inch water main at \$269 per linear foot with a 10% contingency fee (6599), 8% Construction Management Fee and 8% Consultant's (6534), 10% City Design Management Fee, as per recent approved task orders. Considering design in 2020 and the construction in 2121. This project affects approximately 32 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## PIER SIXTY-SIX WATER MAIN

### PROJECT#: FY 20200837

**Project Mgr:** Rick Johnson  
x7809  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 2301 SE 17 Street Causeway  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project will replace approximately 1,820 linear feet of cast iron pipe that was installed in the 1950's, install compound meters (4" & 6") above ground, relocate fire hydrants (2) from behind fence and the fire services to right of way.

**Justification:** The existing 10-inch cast iron water main was installed in the 1950s and is located in an area not easily accessible by City staff (overgrown vegetation, deep, wet due to ground water, and near waterway. Failures on these pipes has resulted in damage to personal and City property. Service interruption will impact the hotel: guests, restaurant, air condition cooling tower, and events. The existing mains need to be replaced and relocated to the City's right of way. Approval of this project will reduce risk, upgrade our infrastructure, improve water quality, pressure, and fire protection for the Pier Sixty-Six Hotel.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|------------------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |                  |                             |                  |
| 454                                               | 6599  |              |         |         |         |         | \$140,020        | \$538,538                   | \$140,020        |
| Total Fund 454:                                   |       |              |         |         |         |         | \$140,020        | \$538,538                   | \$140,020        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         | <b>\$140,020</b> | <b>\$538,538</b>            | <b>\$140,020</b> |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

Cost estimate based on 1,820 linear feet of 8-inch water main at \$269 per linear foot with a 10% contingency fee (6599), 8% Construction Management Fee and 8% Consultant's (6534), 10% City Design Management Fee, as per recent approved task orders. Considering design in 2020 and the construction in 2121. This project will affect approximately 2 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2





## RIVERLAND ROAD WATER MAINS

### PROJECT#: FY 20200838

**Project Mgr:** Rick Johnson  
x7809  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** N. New River Drive East  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is to replace 13,000 linear feet of 8", 6", 4" and 2" water mains, which were installed between 1964 through 1968, between SW 29th Avenue and SW 27 Terrace on Riverland Road.

**Justification:** The 8"and 6" water mains need to be replaced and the 4"and 2"water mains need to be increased to 6". An additional water main needs to be installed on SW 29 Ave. Installing new additional fire hydrants will provide improved fire protection for our neighbor who currently do not have adequate fire protection. New water mains will also improve flow rates, water quality and reduce maintenance. The looped mains will reduce impact to neighbors during system failures.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|------------------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |                  |         |                             |                  |
| 454                                               | 6599  |              |         |         |         | \$350,000        |         | \$4,496,842                 | \$350,000        |
| Total Fund 454:                                   |       |              |         |         |         | \$350,000        |         | \$4,496,842                 | \$350,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         | <b>\$350,000</b> |         | <b>\$4,496,842</b>          | <b>\$350,000</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

#### Comments:

#### Cost Estimate Justification:

Cost estimate based on 13,000 linear feet of 8-inch water main at \$269 per linear foot with a 10% contingency fee (6599), 8% Construction Management Fee and 8% Consultant's (6534), 10% City Design Management Fee, as per recent approved task orders. Considering design in 2020 and the construction in 2121. This project affects approximately 81 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# FIVE-ASH WELLFIELD EAST GENERATOR FUEL TANK REPLAC

## PROJECT#: FY 20200840

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 3501 West Prospect Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the removal and replacement of the East Diesel Generator Fuel Tank and Systems. This equipment has exceeded its effective life. The current tank was installed in 1986 and has an internal leak. Replacement must be performed to prevent contamination of the well field water source. Project includes removal and disposal of the existing buried tank and any soil remediation necessary.

**Justification:** The current fuel tank installed in 1986. The tank has an internal leak that poses a significant threat of contamination to the well fields source water.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|--------------------------------------------|-------|--------------|---------|---------|---------|------------------|---------|-----------------------|------------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |         |         |         |                  |         |                       |                  |
| 454                                        | 6599  |              |         |         |         | \$735,000        |         |                       | \$735,000        |
| Total Fund 454:                            |       |              |         |         |         | \$735,000        |         |                       | \$735,000        |
| <b>GRAND TOTAL:</b>                        |       |              |         |         |         | <b>\$735,000</b> |         |                       | <b>\$735,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

Cost Estimate based on similar projects performed by sister city's locally within the last 3 years.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## FIVE-ASH WELL EVALUATION

**PROJECT#: FY 20200841**

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 3501 West Prospect Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** Evaluate and report recommendations/best maintenance practices for the modernization of the Five-Ash Well Field Mechanical, Electrical and Supervisory Control And Data Acquisition (SCADA) equipment for future Smart Well Field upgrades.

**Justification:** This project is being completed based on the 2016 Comprehensive Utility Strategic Master Plan recommendations to ensure reliability, quality, sustainability, safety and/or code compliance.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|---------------------------------------------------|-------|--------------|---------|---------|---------|------------------|---------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |                  |         |                       |                  |
| 454                                               | 6599  |              |         |         |         | \$120,000        |         |                       | \$120,000        |
| Total Fund 454:                                   |       |              |         |         |         | \$120,000        |         |                       | \$120,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         | <b>\$120,000</b> |         |                       | <b>\$120,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

### Cost Estimate Justification:

Cost Estimate based on similar projects performed by sister city's locally within the last 3 years.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 0  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# FIVE-ASH WELLFIELD WEST GENERATOR REPLACEMENT

## PROJECT#: FY 20200842

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 3501 West Prospect Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the removal and replacement of the West Diesel Generator, Electrical Switch Gear, Fuel Tank and Systems. This equipment has exceeded its effective life cycle. Improvements also include adding a fifth well (#44) to emergency power and increasing the fuel capacity to one week at full load. Equipment replacement and upgrades would be performed primarily by operations staff. Contractors may be hired for specialty work as needed.

**Justification:** The current emergency generator 36 years old and has exceeded its service life. Components and parts for the maintenance of this unit are scarce and hard to find. The generator does not meet the latest air quality standards.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|------------------------------------------------------------------|-------|--------------|------------------|---------|---------|---------|---------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                  |         |         |         |         |                       |                  |
| 454                                                              | 6501  |              | \$50,000         |         |         |         |         |                       | \$50,000         |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                  |         |         |         |         |                       |                  |
| 454                                                              | 6534  |              | \$100,000        |         |         |         |         |                       | \$100,000        |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |              |                  |         |         |         |         |                       |                  |
| 454                                                              | 6599  |              | \$500,000        |         |         |         |         |                       | \$500,000        |
| Total Fund 454:                                                  |       |              | \$650,000        |         |         |         |         |                       | \$650,000        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$650,000</b> |         |         |         |         |                       | <b>\$650,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

Cost Estimate based on similar projects performed by sister city's locally within the last 3 years.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# PUBLIC WORKS ADMIN BLDG GENERATOR REPLACEMENT

## PROJECT#: FY 20200843

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 949 NW 38 th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is to replace the Public Works Administration building generator. The current 600 kw emergency generator is 32 years old and has exceeded its useful life, repair parts are very difficult to obtain and costly and it does not meet new clean air act standards for diesel engines. The Public Works Administration Building is the center for Public Works Operations and houses an Emergency Operations Center that is critical for the command and control of utility operations during emergencies and natural disasters.

**Justification:** The current fuel tank was installed in 1986. The tank has an internal leak that possesses a significant threat of contamination to the well fields source water.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023            | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|---------|---------|---------|--------------------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |                    |         |                             |                    |
| 454                                               | 6599  |              |         |         |         | \$1,281,000        |         |                             | \$1,281,000        |
| Total Fund 454:                                   |       |              |         |         |         | \$1,281,000        |         |                             | \$1,281,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         | <b>\$1,281,000</b> |         |                             | <b>\$1,281,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

### Comments:

### Cost Estimate Justification:

The Cost estimate is based on purchasing a Generator, site work, permitting allowances, and engineering fees.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Improve air and water quality and our natural environment

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# PUMPING STATION D-34 EMERGENCY GENERATOR

**PROJECT#: FY 20200844**

**Project Mgr:** Herbert Stanley x6801  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 2601 S.E.17th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is to design and install by new emergency generator and electrical equipment for waste water pumping station D-34.

**Justification:** Waste Water Pumping Station D-34 is a considered a re-pump station that recieves flow from eight sub-stations located throughout the Harbour Beach area and currently has no redundant emergency power systems. Power failures at this critical station normally require the reponse of tanker trucks to maintain the sub-stations gravity sewer systems until power has been restored. The pumping of sewage by tanker truck is inefficient ,costly,creates complaints from our neighbors and is challenging for the trucks to manuevers on the finger islands.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Water Sewer

## Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|---------------------------------------------------|-------|--------------|---------|------------------|---------|---------|---------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |                  |         |         |         |                       |                  |
| 454                                               | 6599  |              |         | \$660,000        |         |         |         |                       | \$660,000        |
| Total Fund 454:                                   |       |              |         | \$660,000        |         |         |         |                       | \$660,000        |
| <b>GRAND TOTAL:</b>                               |       |              |         | <b>\$660,000</b> |         |         |         |                       | <b>\$660,000</b> |

**Comments:**

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:**

## Cost Estimate Justification:

Cost estimate is based on purchasing an Emergency Generator, site work, permitting allowances, and engineering fees.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# DESIGN OF NEW 50 MGD REVERSE OSMOSIS WTP

## PROJECT#: FY 20200845

**Project Mgr:** TBD ABI **Department:** Public Works **Address:** (for Mail): c/o 949 NW 38 Street; Fort Lauderdale  
**Fund:** 454 Water and Sewer Master Plan **City:** Fort Lauderdale  
**District:** ☒ I ☒ II ☒ III ☒ IV **State:** FL  
**Zip:** 33309

**Description:** The City of Fort Lauderdale engaged a consultant in FY2019 to evaluate replacement options for the Fiveash Water Treatment Plant (WTP). The current plant is over 60 years old and uses lime softening that requires high operations and maintenance costs and produces water with color. This proposed project for FY2020 is to proceed with the design and regulatory permitting of a new modern, 50 MGD, Reverse Osmosis water treatment plant to supply the bulk of water for the City. Design will include developing design drawings, layouts, engineering specification for a new Plant, as well as, design and permitting of new water supply wells from both the Biscayne and Florida aquifer.

**Justification:** Design and build a new modern reliable and resilient, 50 MGD, water treatment plant that will serve the City for the next 100 years. Current Fiveash plant is over 60 years old is not reliable and requires high operations and maintenance costs.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020     | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|-------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |             |         |         |         |         |                             |                  |
| 454                                               | 6599  |              | \$1,610,271 |         |         |         |         | \$5,900,000                 | \$1,610,271      |
| Total Fund 454:                                   |       |              | \$1,610,271 |         |         |         |         | \$5,900,000                 | \$1,610,271      |
| <b>GRAND TOTAL:</b>                               |       |              | \$1,610,271 |         |         |         |         | \$5,900,000                 | \$1,610,271      |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The cost estimated is based on prior informal estimates(quotes) by vendors/contractors on other projects. This project will affect parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4



# FIVEASH WTP-GAC FACILITY - ENGINEERING DESIGN

## PROJECT#: FY 20200846

**Project Mgr:** TBD-ABI **Department:** Public Works **Address:** (for Mail): c/o 949 NW 38 Street; Fort Lauderdale  
**Fund:** 454 Water and Sewer Master Plan **City:** Fort Lauderdale  
**District:** ☒ I ☒ II ☒ III ☒ IV **State:** FL  
**Zip:** 33309

**Description:** The Fiveash Water Treatment Plant (WTP) is an aging lime softening plant. Due to the source of water from the Biscayne Aquifer, water color has been a major concern for resident and visitor alike. Implementing granular activated carbon (GAC) filtration will improve water color at the plant. This will include design drawings, specification materials section and cost estimated of this project.

**Justification:** The Comprehensive Utility Strategic Master Plan (CUSMP) identified three water treatment processes/options to improve the color of finished water at the Fiveash Water Treatment Plant (WTP). Based on Master Plan recommendations, the City selected the option to evaluate the granular activated carbon (GAC) methodology. The City engaged a Consultant to conduct a GAC Pilot Study for color enhancement in FY2019. The pilot study will determine the efficacy of GAC to improve water quality at the WTP. The scope of the GAC developed basic parameters for full implementation of a capital investment project, as well as, determines the initial cost of implementation and annual operating costs thereafter.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------------------------------|-------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6501  |              | \$75,000         |         |         |         |         |                             | \$75,000         |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |              |                  |         |         |         |         |                             |                  |
| 454                                                              | 6534  |              | \$325,000        |         |         |         |         |                             | \$325,000        |
| Total Fund 454:                                                  |       |              | \$400,000        |         |         |         |         |                             | \$400,000        |
| <b>GRAND TOTAL:</b>                                              |       |              | <b>\$400,000</b> |         |         |         |         |                             | <b>\$400,000</b> |

**Comments:** Developing design and specification for Bidding and construction of GAC implementation.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The cost estimated is based on prior informal estimates(quotes) by vendors/contractors on other projects. This project will affect parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 4





# CITY FORCE MAIN SYSTEM INFRASTRUCTURE IMPROVEMENTS

## PROJECT#: FY 20200851

**Project Mgr:** Brandy Leighton x5326  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project will consist of the design, permitting, and construction of City-owned sewer force mains, as identified in the Force Main Condition Assessment.

**Justification:** Many pressurized pipes within the wastewater transmission system are nearing the end of their service life. Upon completion of the condition assessment report summarizing the results of the assessment in April 2020, force mains that are identified as needing rehabilitation or construction will be added to the list of Consent Order Phase II projects and submitted for review to the Florida Department of Environmental Protection (FDEP) per Office of General Counsel (OCG) file number 16-1487 Paragraph 6.L.3. While a schedule will be submitted as part of the Asset Management and Capacity Management, Operations and Maintenance (AM and CMOM) programs, Phase II Force Main Projects must be completed by September 30, 2026.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$60,760,700                | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         |                             | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         |                             | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Unit cost are based on the Comprehensive Utility Strategic Master Plan, Volume 2 Wastewater, Appendix WW 6-A, Table WW6-A-1. This project affects approximately 78,800 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 2

**Design / Permitting:** 2

**Bidding / Award:** 2

**Construction / Closeout:** 0



## EMERGENCY INTERCONNECT UPGRADES

**PROJECT#: FY 20200865**

**Project Mgr:** Rick Johnson  
x7809  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-Wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project will be upgrading the ten (10) existing potable water emergency interconnects to neighboring utilities (Broward County, Plantation, and Pompano) with flow meters, check valves, and Supervisory Control And Data Acquisition (SCADA) system connectivity. Flow meter sizes range from 6" to 12".

**Justification:** The existing emergency interconnects currently do not have the capability to capture the amount of water provided to neighboring utilities. This results in an increase in unaccounted water usage, which is reported to the South Florida Water Management District, and lost revenue due to no billing or accounting methods.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                             |                  |
| 454                                               | 6599  |              |         |         |         |         |         | \$1,580,480                 | \$0              |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$1,580,480                 | \$0              |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$1,580,480</b>          | <b>\$0</b>       |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



## BRIDGE PIPE ASSESSMENTS

### PROJECT#: FY 20200866

**Project Mgr:** Rick Johnson  
x7809  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-Wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The City of Fort Lauderdale's distribution and collection systems have 70 bridge crossings where water and sewer mains are attached on the side or beneath existing bridges. These mains carry potable water and remove the sewage to the islands and neighborhoods. The conditions of these water and sewer mains is unknown. This project will seek to secure services to provide a condition assessment to rank the condition of the mains and determine which mains are in immediate need of repair or replacement.

**Justification:** The condition of the existing water and sewer mains located on bridges has not been adequately assessed. It is in the best interest of the City to have these mains inspected and their condition documented in order to properly address the need to repair or replace the mains before they suffer a failure which could result in environmental non-compliance and regulatory penalties.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                     | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Water and Sewer Master Plan   CONSTRUCTION |       |              |         |         |         |         |         |                             |                  |
| 454                                        | 6599  |              |         |         |         |         |         | \$280,000                   | \$0              |
| Total Fund 454:                            |       |              |         |         |         |         |         |                             | \$280,000        |
| <b>GRAND TOTAL:</b>                        |       |              |         |         |         |         |         |                             | <b>\$280,000</b> |
|                                            |       |              |         |         |         |         |         |                             | <b>\$0</b>       |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



## SOIL MITIGATION AT SLUDGE PIT PROPERTY

**PROJECT#: FY 20200882**

**Project Mgr:** Cesar Alza  
x7865  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 949 NW 38th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the evaluation of property the City owns that is adjacent to the Peele Dixie wellfield off 441 and Peters Road, near the City of Plantation. This parcel of land was historically used for a pit for sludge disposal from the old Peele Dixie lime softening plant. One or more attempts were taken to investigate the pit to determine how to remove sludge from the hole, and mitigate and rehabilitate the site so that this parcel can be utilized by developers for affordable housing, or ultimately for sale to a third party if the City so desires.

**Justification:** By the City getting a soil remediation / geotechnical engineering consultant to study the site, they can provide design soil remediation / soil strengthen methodology and techniques to the City so the City will be able to construct facilities on the site.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------------|-------|--------------|------------------|------------------|---------|---------|---------|-----------------------------|------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i> |       |              |                  |                  |         |         |         |                             |                  |
| 454                                                   | 6534  |              | \$100,000        | \$200,000        |         |         |         |                             | \$300,000        |
| Total Fund 454:                                       |       |              | \$100,000        | \$200,000        |         |         |         |                             | \$300,000        |
| <b>GRAND TOTAL:</b>                                   |       |              | <b>\$100,000</b> | <b>\$200,000</b> |         |         |         |                             | <b>\$300,000</b> |

**Comments:** The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

Energy saving with a more efficient distribution pressure. Assists in reducing electrical consumption. The cost estimated is based on prior work by consultants/contractors on various electrical/instrumentation projects.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



## DILLARD PARK A-1 SEWER BASIN REHAB

### PROJECT#: FY20130220

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1254 NW 23rd Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project includes point repairs, minor road restoration and landscaping, and the rehabilitation of the mainline sewers throughout Basin A-1. It will employ the use of trenchless technologies to repair sewer system components such as lining of gravity sewers, manholes, and sewer laterals. The work also includes pre and post Closed Circuit Television (CCTV) survey, flow monitoring, traffic control, and site restoration. This is part of the Wastewater Conveyance System Long Term Remediation Program.

**Justification:** This is a 2007 Master Plan recommendation. This sanitary sewer basin was identified as having excessive inflow and infiltration flows, which contributes to additional sewage to the George T. Lohmeyer Wastewater Treatment Plant.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|---------------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |         |         |         |         |         |                       |               |
| 454                                               | 6599  |              |         |         |         |         |         | \$3,413,812           | \$0           |
| Total Fund 454:                                   |       |              |         |         |         |         |         | \$3,413,812           | \$0           |
| <b>GRAND TOTAL:</b>                               |       |              |         |         |         |         |         | <b>\$3,413,812</b>    | <b>\$0</b>    |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No budgetary impact.

#### Cost Estimate Justification:

The cost estimate is based on current contract prices and addresses approximately 30% of excavated point repairs, gravity main lining, lateral lining, manhole repair and sealing. This project will affect approximately 870 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 0

**Construction / Closeout:** 4

# Parking Fund CIP







# PARKING ADMINISTRATION AND CITY PARKING GARAGE REP

## PROJECT#: 12183

**Project Mgr:** Shiau Ching Low x3779  
**Department:** Transportation & Mobility  
**Fund:** 461 Parking Fund  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 150 SE 2nd Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This request is based on the costs estimates provided by the following consulting firms.

### Structural Repairs:

Lakdas/Yohalem Engineering, Inc. consulting firm was hired by the City in 2018 to perform a detail structural condition assessment and prepare restoration methods and drawings for the Riverwalk Center Garage. Based on the report dated 2/5/2019, the immediate repair cost \$19,390.75; repair within 6 months cost \$1,887,875.75; repair within 1 year cost \$6,408,691.25; repair within 5 years cost \$207,500.00 and the maintenance cost \$22,988.95 with a total of \$8,846,466.70 for the 7 story parking garage of an approximately 500'x300'

### Mechanical/Electrical/Plumbing:

Per the BCC Engineering Consulting Inc. vision inspection report the mechanical repair is estimated at \$167,100, electrical repairs is estimated at \$3,935,701.50, and plumbing/fire protection estimates at \$1,003,350

**Justification:** The 40 year building safety inspection performed by DeRose Design Consultants, Inc. addressed multiple structural, mechanical, plumbing, and electrical findings. Depending on the condition of the finding, the repairs were identified as immediate, within 5 years or within 20 years. This request will address the issues as prioritized by the consultant.

The request for Fiscal Year 2020 is based on the detail structural condition survey report, restoration methods and design drawings completed by Lakdas/Yohalem Engineering, Inc. in February 2019. During the budget cycle for Fiscal Year 2020, we will begin part of the structural restoration in the garage. Note that the above cost did not include inflation, it is estimate 5% increment per year.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Parking

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$     | FY 2020            | FY 2021            | FY 2022            | FY 2023            | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|---------------------------------------------------|-------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------------|---------------------|
| <i>Parking Fund   CONSTRUCTION</i>                |       |                  |                    |                    |                    |                    |                    |                             |                     |
| 461                                               | 6599  | \$407,110        | \$1,900,000        | \$1,900,000        | \$1,900,000        | \$1,900,000        | \$1,900,000        |                             | \$9,907,110         |
| <i>Parking Fund   FORCE CHARGES / ENGINEERING</i> |       |                  |                    |                    |                    |                    |                    |                             |                     |
| 461                                               | 6501  | \$100,000        | \$100,000          | \$100,000          | \$100,000          | \$100,000          | \$100,000          |                             | \$500,000           |
| Total Fund 461:                                   |       | \$407,110        | \$2,000,000        | \$2,000,000        | \$2,000,000        | \$2,000,000        | \$2,000,000        |                             | \$10,407,110        |
| <b>GRAND TOTAL:</b>                               |       | <b>\$407,110</b> | <b>\$2,000,000</b> | <b>\$2,000,000</b> | <b>\$2,000,000</b> | <b>\$2,000,000</b> | <b>\$2,000,000</b> |                             | <b>\$10,407,110</b> |

**Comments:** FY 2021 repairs are included into FY 2022 which includes structural and mechanical repairs to City Park Garage.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

There are no anticipated additional costs to the operating budget at this time



| Strategic Connections: |                                                    | Quarters To Perform Each Task: |    |
|------------------------|----------------------------------------------------|--------------------------------|----|
| Cylinder:              | Infrastructure                                     | Initiation / Planning:         | 0  |
| Strategic Goals:       | Be a Pedestrian friendly, multi-modal City         | Design / Permitting:           | 1  |
|                        |                                                    | Bidding / Award:               | 2  |
|                        |                                                    | Construction / Closeout:       | 20 |
| Objectives:            | Improve pedestrian, bicyclist and vehicular safety |                                |    |



# AQUATICS COMPLEX RENOVATIONS

## PROJECT#: 12315

**Project Mgr:** Thomas Green  
**Department:** Community Redevelopment Agency  
**Fund:** 346 CRA - Beach  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 501 Seabreeze Blvd  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** Unique and world renowned in the aquatics field, the Fort Lauderdale Aquatic Complex is a City-owned and operated 5-acre venue comprised of municipal swimming pools and the International Swimming Hall of Fame (ISHOF) museum. Renovation of the existing facility for public use includes the following improvements: remove existing 50 Meter Competition Pool and provide new expanded fully FINA compliant pool with movable bulkheads; remove existing Dive Pool and provide new expanded FINA compliant pool and dive tower; spectator seating for Diving and Competition pool; remove existing Spa for divers and provide new covered spa; repair existing 50 Meter training pool with new surfacing and gutters; repair and/or expand Instructional pool; new pool deck; remove existing grandstand building and provide new grandstand with spectator restrooms, concessions, ticket office, and metal bleachers.

**Justification:** The current facility is over 46 years old (1965-2012). In addition to its regular community program offerings, it has witnessed ten world records as host to countless local, state, national and international events in swimming, diving, water polo and synchronized swimming. Swimming is a sport that has made Fort Lauderdale famous. Fort Lauderdale built the first Olympic-sized swimming pool in the state of Florida in 1928.

**Source Of the Justification:** Central Beach Master Plan (12

**Project Type:** Parks

### Project Funding Summary:

| SOURCE                                    | USAGE | AVAILABLE \$     | FY 2020 | FY 2021            | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------|-------|------------------|---------|--------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>CIP - General Fund   CONSTRUCTION</i>  |       |                  |         |                    |         |         |         |                             |                    |
| 331                                       | 6599  | \$(695,368)      |         |                    |         |         |         |                             | \$(695,368)        |
| Total Fund 331:                           |       | \$(695,368)      |         |                    |         |         |         |                             | \$(695,368)        |
| <i>CRA - Beach   CONSTRUCTION</i>         |       |                  |         |                    |         |         |         |                             |                    |
| 346                                       | 6599  | \$1,098,184      |         | \$3,376,971        |         |         |         |                             | \$4,475,155        |
| Total Fund 346:                           |       | \$1,098,184      |         | \$3,376,971        |         |         |         |                             | \$4,475,155        |
| <i>Parking Fund   EQUIPMENT PURCHASES</i> |       |                  |         |                    |         |         |         |                             |                    |
| 461                                       | 6564  | \$500,000        |         |                    |         |         |         |                             | \$500,000          |
| Total Fund 461:                           |       | \$500,000        |         |                    |         |         |         |                             | \$500,000          |
| <b>GRAND TOTAL:</b>                       |       | <b>\$902,816</b> |         | <b>\$3,376,971</b> |         |         |         |                             | <b>\$4,279,787</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The cost estimates are based off a quote provided by Synalovski Romanik Saye (SRS). The company has an architectural continuing services agreement with the City.

### Strategic Connections:

**Cylinder:** Public Places

**Strategic Goals:** Be a healthy community with fun and stimulating recreational activities for our neighbors

**Objectives:** Offer a diverse range of youth, adult, and senior recreational programming

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 0  
**Construction / Closeout:** 8



## NORTH GALT SHOPS PARKING

### PROJECT#: 12354

**Project Mgr:** Shiau Ching Low x3779  
**Department:** Transportation & Mobility  
**Fund:** 461 Parking Fund  
**District:** ☐ I ☐ II ☐ III ☐ IV  
**Address:** North Beach Village Shoppes  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** The North Beach Restaurants and Shoppes area is defined by NE 32 Avenue to the west, N Ocean Blvd to the east, NE 34 Street to the north, and E Oakland Park Blvd to the south. With a mix of commercial and high-density residential uses, there is a need for a more walkable environment for our neighbors and guests. The goal of this project is to promote economic development, improve walkability, Americans with Disabilities Act (ADA) compliance, create additional parking, implement traffic calming measures, and install streetscape improvements.

**Justification:** The project implements treatments that help balance the needs of a unique mixture of restaurant and bar uses with high rise residential units in a non-downtown setting. These initiatives are consistent with the City's Fast Forward Fort Lauderdale 2015 Vision, Connecting the Blocks Program, and Vision Zero Initiative. There is a large pedestrian population traversing east/west to get to the Beach across A1A and safe facilities are lacking. There is also a need to provide additional parking to support the local business in the area.

Currently the existing trees have created multiple trip hazards in the parking area. Through this project we will address these issues to improve safety and mobility in the area.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Parking

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$       | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------------|------------------|------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Parking Fund   CONSTRUCTION</i>                |       |                    |                  |                  |         |         |         |                             |                    |
| 461                                               | 6599  | \$1,057,432        | \$250,000        | \$250,000        |         |         |         |                             | \$1,557,432        |
| <i>Parking Fund   FORCE CHARGES / ENGINEERING</i> |       |                    |                  |                  |         |         |         |                             |                    |
| 461                                               | 6501  | \$71,835           |                  |                  |         |         |         |                             | \$71,835           |
| <i>Parking Fund   INSPECTION FEES</i>             |       |                    |                  |                  |         |         |         |                             |                    |
| 461                                               | 6542  |                    | \$25,000         | \$25,000         |         |         |         |                             | \$50,000           |
| Total Fund 461:                                   |       | \$1,129,267        | \$275,000        | \$275,000        |         |         |         |                             | \$1,679,267        |
| <b>GRAND TOTAL:</b>                               |       | <b>\$1,129,267</b> | <b>\$275,000</b> | <b>\$275,000</b> |         |         |         |                             | <b>\$1,679,267</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** These costs will not have an impact on the operating budget

#### Cost Estimate Justification:

The attached cost estimate is based 25% of total project. Project consists of improvements to ADA, parking, pedestrian, bicycle and traffic calming improvements. Cost includes landscaping, lighting, bicycle amenities, and beautification of public right of way medians.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a Pedestrian friendly, multi-modal City

**Objectives:** Improve pedestrian, bicyclist and vehicular safety

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 2  
**Construction / Closeout:** 4



# SUSTAINABLE IMPROVEMENT FOR CITYWIDE PARKING LOTS

## PROJECT#: FY 20200909

**Project Mgr:** Shia Ching  
Low  
**Department:** Transportation & Mobility  
**Fund:** 461 Parking Fund  
**District:** ☒ I ☒ II ☐ III ☒ IV

**Address:**  
**City:**  
**State:**  
**Zip:**

**Description:** This project will redevelop the existing parking lots in order to be more sustainable with the environment. This will be accomplished through more energy efficient lighting, environmentally friendly landscaping for the South Florida climate, re-pavement and sealcoating the lots with environmentally safe and efficient materials, and other innovative future ideas.

**Justification:** Towards the sustainability improvements of a Citywide parking lot improvement we request a \$500,000 annual funding

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Parking

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|------------------|------------------|------------------|------------------|------------------|-----------------------------|--------------------|
| <i>Parking Fund   CONSTRUCTION</i>                |       |              |                  |                  |                  |                  |                  |                             |                    |
| 461                                               | 6599  |              | \$385,000        | \$385,000        | \$385,000        | \$385,000        | \$385,000        |                             | \$1,925,000        |
| <i>Parking Fund   FORCE CHARGES / ENGINEERING</i> |       |              |                  |                  |                  |                  |                  |                             |                    |
| 461                                               | 6501  |              | \$5,000          | \$5,000          | \$5,000          | \$5,000          | \$5,000          |                             | \$25,000           |
| <i>Parking Fund   EQUIPMENT PURCHASES</i>         |       |              |                  |                  |                  |                  |                  |                             |                    |
| 461                                               | 6564  |              | \$100,000        | \$100,000        | \$100,000        | \$100,000        | \$100,000        |                             | \$500,000          |
| <i>Parking Fund   SURVEY / APPRAISAL FEES</i>     |       |              |                  |                  |                  |                  |                  |                             |                    |
| 461                                               | 6514  |              | \$10,000         | \$10,000         | \$10,000         | \$10,000         | \$10,000         |                             | \$50,000           |
| Total Fund 461:                                   |       |              | \$500,000        | \$500,000        | \$500,000        | \$500,000        | \$500,000        |                             | \$2,500,000        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$500,000</b> | <b>\$500,000</b> | <b>\$500,000</b> | <b>\$500,000</b> | <b>\$500,000</b> |                             | <b>\$2,500,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

### Comments:

### Cost Estimate Justification:

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Improve climate change resiliency by incorporating local, regional and mega-regional plans

### Quarters To Perform Each Task:

**Initiation / Planning:**  
**Design / Permitting:**  
**Bidding / Award:**  
**Construction / Closeout:**



## SW 2ND AVENUE MEDIAN PARKING

### PROJECT#: P12434

**Project Mgr:** Shiau Cing Low  
**Department:** Transportation & Mobility  
**Fund:** 461 Parking Fund  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:**  
**City:**  
**State:**  
**Zip:**

**Description:** This is an existing project created through a budget amendment, the intent is to create angle parking spaces in the median of SW 2nd Avenue from SW 26th Street through SW 32nd Avenue. Due to budget availability we currently have funding to provide angle parking from SW 32nd Street to SW 30th Street.

We are requesting an additional \$1,000,000 in two increments \$500,000 in FY20 and \$500, 000 in FY21 in order to continue the angle parking from SW 30th Street to SW 26th Street along 2nd Avenue.

**Justification:** This request will cover an additional four blocks of parking on SW 2nd Avenue from 26th Street to 30th Street

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Parking

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020          | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|------------------|------------------|---------|---------|---------|-----------------------------|--------------------|
| <i>Parking Fund   ENGINEERING FEES</i>            |       |              |                  |                  |         |         |         |                             |                    |
| 461                                               | 6534  |              | \$70,000         | \$70,000         |         |         |         |                             | \$140,000          |
| <i>Parking Fund   SURVEY / APPRAISAL FEES</i>     |       |              |                  |                  |         |         |         |                             |                    |
| 461                                               | 6514  |              | \$10,000         | \$10,000         |         |         |         |                             | \$20,000           |
| <i>Parking Fund   FORCE CHARGES / ENGINEERING</i> |       |              |                  |                  |         |         |         |                             |                    |
| 461                                               | 6501  |              | \$20,000         | \$20,000         |         |         |         |                             | \$40,000           |
| <i>Parking Fund   CONSTRUCTION</i>                |       |              |                  |                  |         |         |         |                             |                    |
| 461                                               | 6599  |              | \$400,000        | \$400,000        |         |         |         |                             | \$800,000          |
| Total Fund 461:                                   |       |              | \$500,000        | \$500,000        |         |         |         |                             | \$1,000,000        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$500,000</b> | <b>\$500,000</b> |         |         |         |                             | <b>\$1,000,000</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

#### Comments:

#### Cost Estimate Justification:

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2

**Design / Permitting:** 2

**Bidding / Award:** 2

**Construction / Closeout:** 2

# Stormwater Fund CIP







# EDGEWOOD AREA STORMWATER IMPROVEMENTS

## PROJECT#: 11842

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 900 SW 32 Court  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This project consists of providing new stormwater infrastructure for the Edgewood Neighborhood area. This project will include a survey, conceptual and final design, hydraulic modeling, permitting, and construction. This area is bound by State Road 84 to the north, Florida East Coast railroad to the east, I-95 to the west, and I-595 to the south.

**Justification:** The Edgewood Neighborhood was identified as a priority flooding area in the Stormwater Master Plan prepared by CDM Smith in August 2009. Numerous repetitive losses and complaints have been reported. The area lacks infrastructure, has low ground elevations, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood. This will increase life safety due to decreased home flooding and increased pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$321,520       |                     |         |         |         |         |                             | \$321,520           |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(725,803)     |                     |         |         |         |         |                             | \$(725,803)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(574)         |                     |         |         |         |         |                             | \$(574)             |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$500,000       |                     |         |         |         |         |                             | \$500,000           |
| Total Fund 470:                                              |       | \$95,143        |                     |         |         |         |         |                             | \$95,143            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$30,100,000    |                     |         |         |         |         |                             | \$30,100,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000       |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$31,145,000    |                     |         |         |         |         |                             | \$31,145,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$95,143</b> | <b>\$31,145,000</b> |         |         |         |         |                             | <b>\$31,240,143</b> |

**Comments:** \$34,840,000 in Construction costs are unfunded.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                  |         |         |         |         |                             |                  |
| CHAR 30                             |              | \$696,800        |         |         |         |         |                             | \$696,800        |
| <b>TOTAL</b>                        |              | <b>\$696,800</b> |         |         |         |         |                             | <b>\$696,800</b> |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean-outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 500+ single family/multi-family parcels and 150+ commercial parcels in the Edgewood neighborhood.



| Strategic Connections: |                                             | Quarters To Perform Each Task: |   |
|------------------------|---------------------------------------------|--------------------------------|---|
| Cylinder:              | Infrastructure                              | Initiation / Planning:         | 0 |
| Strategic Goals:       | Be a sustainable and resilient community    | Design / Permitting:           | 7 |
|                        |                                             | Bidding / Award:               | 0 |
| Objectives:            | Reduce flooding and adapt to sea level rise | Construction / Closeout:       | 0 |



# PROGRESSO AREA STORMWATER IMPROVEMENTS

## PROJECT#: 11843

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Sunrise Blvd/FEC RR/NW 11th Ave/Broward Bl  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project consists of providing improved stormwater infrastructure in the Progresso Neighborhood Area. This area is bound by Sunrise Boulevard to the north, Florida East Coast Rail Road to the east, NW 11th Avenue to the west, and Broward Boulevard to the south.

**Justification:** The Progresso Neighborhood Area was identified as a priority flooding area in the Stormwater Master Plan prepared by CDM Smith in 2009. Numerous repetitive losses and several complaints have been reported. The area has undersized infrastructure, low ground elevations, and minimal permeable green area. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood, which will increase pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$36,975        |                     |         |         |         |         |                             | \$36,975            |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(453,486)     |                     |         |         |         |         |                             | \$(453,486)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(300)         |                     |         |         |         |         |                             | \$(300)             |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$450,000       |                     |         |         |         |         |                             | \$450,000           |
| Total Fund 470:                                              |       | \$33,189        |                     |         |         |         |         |                             | \$33,189            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$27,000,000    |                     |         |         |         |         |                             | \$27,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000       |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$28,045,000    |                     |         |         |         |         |                             | \$28,045,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$33,189</b> | <b>\$28,045,000</b> |         |         |         |         |                             | <b>\$28,078,189</b> |

**Comments:** \$24,440,000 construction costs are unfunded.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                             |                  |
| CHAR 30                             |              |         |         |         |         |         |                             | \$0              |
| TOTAL                               |              |         |         |         |         |         |                             | \$0              |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 1000+ single family/multi-family and commercial parcels in the Progresso neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 7  
**Bidding / Award:** 0  
**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



## DURRS AREA STORMWATER IMPROVEMENTS

**PROJECT#: 11844**

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** NW 8 Street & NW 15 Terrace  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project consists of providing improved stormwater infrastructure for the Durrs Neighborhood area. This area is bound by NW 6 Street to the south, NW 5 Avenue to the east, I-95 to the west, and Sunrise Boulevard to the north. This project will include a survey, conceptual and final design, hydraulic modeling, and permitting. Construction is currently unfunded.

**Justification:** The Durrs Area Neighborhood has experienced repetitive losses and several complaints have been reported. The area has undersized infrastructure, low ground elevations and minimal pervious green area, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood, which will increase pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|-------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| Stormwater   FORCE CHARGES / ENGINEERING              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6501  | \$42,785        |                     |         |         |         |         |                             | \$42,785            |
| Stormwater   ENGINEERING FEES                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6534  | \$(327,226)     |                     |         |         |         |         |                             | \$(327,226)         |
| Stormwater   ADMINISTRATION                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6550  | \$199,737       |                     |         |         |         |         |                             | \$199,737           |
| Stormwater   CONSTRUCTION                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6599  | \$150,000       |                     |         |         |         |         |                             | \$150,000           |
| Total Fund 470:                                       |       | \$65,296        |                     |         |         |         |         |                             | \$65,296            |
| Stormwater Revenue Bond   CONSTRUCTION                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                   | 6599  | \$21,000,000    |                     |         |         |         |         |                             | \$21,000,000        |
| Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                   | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| Stormwater Revenue Bond   ENGINEERING FEES            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                   | 6534  | \$850,000       |                     |         |         |         |         |                             | \$850,000           |
| Total Fund 471:                                       |       | \$21,945,000    |                     |         |         |         |         |                             | \$21,945,000        |
| <b>GRAND TOTAL:</b>                                   |       | <b>\$65,296</b> | <b>\$21,945,000</b> |         |         |         |         |                             | <b>\$22,010,296</b> |

**Comments:** Construction costs are unfunded \$15,600,000.

### Impact On Operating Budget:

| IMPACT                      | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-----------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Incr./Dec.) Operating Costs |              |         |         |         |         |         |                             |                  |
| CHAR 30                     |              |         |         |         |         |         |                             | \$0              |
| TOTAL                       |              |         |         |         |         |         |                             | \$0              |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 750+ single/multi family parcels in the Durrs neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0

**Design / Permitting:** 7

**Bidding / Award:** 0

**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



# DORSEY RIVERBEND AREA STORMWATER IMPROVEMENTS

## PROJECT#: 11845

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** Dorsey Riverbend Area  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project consists of providing improved stormwater infrastructure for the Dorsey Riverbend Neighborhood area. This project will include a survey, conceptual and final design, and hydraulic modeling. Construction is currently unfunded. This area is bound by NW 6 Street to the north, NW 7 Avenue to east, I-95 to the west, and Broward Boulevard to the south.

**Justification:** The Dorsey Riverbend neighborhood has experienced repetitive losses and several complaints have been reported. The area has undersized infrastructure, low ground elevations and minimal pervious green area, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood, which will increase pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$36,823        |                     |         |         |         |         |                             | \$36,823            |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(588,465)     |                     |         |         |         |         |                             | \$(588,465)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$199,834       |                     |         |         |         |         |                             | \$199,834           |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$386,869       |                     |         |         |         |         |                             | \$386,869           |
| Total Fund 470:                                              |       | \$35,061        |                     |         |         |         |         |                             | \$35,061            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$20,000,000    |                     |         |         |         |         |                             | \$20,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$850,000       |                     |         |         |         |         |                             | \$850,000           |
| Total Fund 471:                                              |       | \$20,945,000    |                     |         |         |         |         |                             | \$20,945,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$35,061</b> | <b>\$20,945,000</b> |         |         |         |         |                             | <b>\$20,980,061</b> |

**Comments:** Construction costs are unfunded, \$14,040,000

### Impact On Operating Budget:

| IMPACT                             | AVAILABLE \$ | FY 2020   | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------|--------------|-----------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./Dec.) Operating Costs</i> |              |           |         |         |         |         |                             |                  |
| CHAR 30                            |              | \$280,800 |         |         |         |         |                             | \$280,800        |
| TOTAL                              |              | \$280,800 |         |         |         |         |                             | \$280,800        |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 750+ single/multi family parcels in the Dorsey Riverbend neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 7  
**Bidding / Award:** 0  
**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



# RIVER OAKS STORMWATER NEIGHBORHOOD AND PRESERVE

## PROJECT#: 11868

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SW 12 Avenue & SW 21 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project consists of designing a new Stormwater system, Stormwater preserve park, wetland area, and related park amenities for the River Oaks neighborhood. This project will include conceptual and final design and permitting. The construction phase is currently unfunded. The River Oaks neighborhood in Fort Lauderdale is one of the oldest communities in the City. Most of the development was built without the required permitting through the Florida Department of Environmental Protection or South Florida Water Management District. As a result, requirements for detention/retention, water quality, and limited discharge were not implemented in the development of the area. This area has been studied and it was determined the only way to significantly reduce flooding is to use land to temporarily store the stormwater. This will decrease flooding and increase residents' safety.

**Justification:** A task order will be created to request the following: topographical information, a hydraulic analysis, a conceptual design, and a cost estimate to construct a storm water management system in the River Oaks Neighborhood. The project will provide water quality treatment and flood protection to the River Oaks neighborhood. The project addresses a statewide interest and produces measurable results pursuant to Chapter 216.052(1), Florida Statute. The project provides hydrological restoration and enhancement of a wetland area historically discharged into the South Fork of the New River, which is an Impaired Water- Water Body Identification Number (WBID) 32777A.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$92,211        |                     |         |         |         |         |                             | \$92,211            |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(262,512)     |                     |         |         |         |         |                             | \$(262,512)         |
| <i>Stormwater   TESTING SERVICES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6546  | \$(4,115)       |                     |         |         |         |         |                             | \$(4,115)           |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(915)         |                     |         |         |         |         |                             | \$(915)             |
| <i>Stormwater   PROJECT CONTINGENCIES</i>                    |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6598  | \$21,025        |                     |         |         |         |         |                             | \$21,025            |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$207,447       |                     |         |         |         |         |                             | \$207,447           |
| Total Fund 470:                                              |       | \$53,141        |                     |         |         |         |         |                             | \$53,141            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$38,000,000    |                     |         |         |         |         |                             | \$38,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000       |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$39,045,000    |                     |         |         |         |         |                             | \$39,045,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$53,141</b> | <b>\$39,045,000</b> |         |         |         |         |                             | <b>\$39,098,141</b> |

**Comments:** Construction costs are currently unfunded. This project was previously in Community Investment Plan FY17 under FY20170510.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                  |         |         |         |         |                             |                  |
| CHAR 30                             |              | \$322,400        |         |         |         |         |                             | \$322,400        |
| <b>TOTAL</b>                        |              | <b>\$322,400</b> |         |         |         |         |                             | <b>\$322,400</b> |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.



**Cost Estimate Justification:**

Updated costs reflect detailed 100% design cost estimates. This project affects 1000+ single/multi family parcels in the River Oaks neighborhood.

**Strategic Connections:**

|                  |                                             |
|------------------|---------------------------------------------|
| Cylinder:        | Infrastructure                              |
| Strategic Goals: | Be a sustainable and resilient community    |
| Objectives:      | Reduce flooding and adapt to sea level rise |

**Quarters To Perform Each Task:**

|                          |   |
|--------------------------|---|
| Initiation / Planning:   | 0 |
| Design / Permitting:     | 7 |
| Bidding / Award:         | 0 |
| Construction / Closeout: | 0 |



# CITYWIDE STORMWATER MODEL

## PROJECT#: 11869

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This project includes the implementation, calibration, and monitoring of the City Stormwater Master Plan. This includes the city-wide stormwater hydraulic model, which is a stormwater flow development of watershed management plans for the most impaled neighborhoods with associated capital improvement plans.

**Justification:** The City-wide Hydraulic Stormwater Model, watershed management plans, and capital improvement plans will allow the City to see the framework needed to establish funding needs for the construction of stormwater improvements.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$     | FY 2020         | FY 2021         | FY 2022         | FY 2023         | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |                  |                 |                 |                 |                 |         |                             |                  |
| 470                 | 6501                        | \$(5,175)        |                 | \$50,000        | \$50,000        | \$50,000        |         |                             | \$144,825        |
| Stormwater          | ENGINEERING FEES            |                  |                 |                 |                 |                 |         |                             |                  |
| 470                 | 6534                        | \$220,198        | \$50,000        |                 |                 |                 |         |                             | \$270,198        |
| Stormwater          | ADMINISTRATION              |                  |                 |                 |                 |                 |         |                             |                  |
| 470                 | 6550                        | \$(1,123)        |                 |                 |                 |                 |         |                             | \$(1,123)        |
| Total Fund 470:     |                             | \$213,900        | \$50,000        | \$50,000        | \$50,000        | \$50,000        |         |                             | \$413,900        |
| <b>GRAND TOTAL:</b> |                             | <b>\$213,900</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> | <b>\$50,000</b> |         |                             | <b>\$413,900</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

This is for the stormwater model license/updates. No construction is associated with this project. Annual stormwater model fees included for FY 20. This project affects parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 7  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# 800-850 SW 21ST TERRACE STORMWATER IMPROVEMENTS

## PROJECT#: 12023

**Project Mgr:** Dronix Suarez x6982  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 800 SW 21st Terrace  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project includes the installation of new Stormwater infrastructure to address documented flooding issues at 800-850 SW 21 Terrace. This Project is included in Phase 1 of the Stormwater Master Plan.

**Justification:** The project will address documented Stormwater flooding issues at the site by installing a new Stormwater infrastructure. This increases pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$     | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|-------------------------------------------------|-------|------------------|------------------|---------|---------|---------|---------|-----------------------|------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i> |       |                  |                  |         |         |         |         |                       |                  |
| 470                                             | 6501  | \$120,642        |                  |         |         |         |         |                       | \$120,642        |
| <i>Stormwater   CONSTRUCTION</i>                |       |                  |                  |         |         |         |         |                       |                  |
| 470                                             | 6599  | \$365,141        | \$383,398        |         |         |         |         |                       | \$748,539        |
| <i>Stormwater   ENGINEERING FEES</i>            |       |                  |                  |         |         |         |         |                       |                  |
| 470                                             | 6534  | \$27,018         |                  |         |         |         |         |                       | \$27,018         |
| Total Fund 470:                                 |       | \$512,801        | \$383,398        |         |         |         |         |                       | \$896,199        |
| <b>GRAND TOTAL:</b>                             |       | <b>\$512,801</b> | <b>\$383,398</b> |         |         |         |         |                       | <b>\$896,199</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021        | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING  |
|-------------------------------------|--------------|---------|----------------|---------|---------|---------|-----------------------|----------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |                |         |         |         |                       |                |
| CHAR 30                             |              |         | \$7,667        |         |         |         |                       | \$7,667        |
| <b>TOTAL</b>                        |              |         | <b>\$7,667</b> |         |         |         |                       | <b>\$7,667</b> |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

### Cost Estimate Justification:

The estimated costs take into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project affects approximately 14 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 4  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# SOUTHEAST ISLES TIDAL AND STORMWATER IMPROVEMENTS

## PROJECT#: 12074

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 2109 E Las Olas Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The purpose for this Southeast Isles project is to retrofit approximately 230 stormwater outfall locations with tidal back flow valves which is necessary to alleviate tidal flooding in the neighborhoods located in the southeastern portion of Fort Lauderdale. The neighborhoods include Las Olas Isles, Seven Isles, Venice Isles, Nurmi Isles, Idlewyld, Sunrise Key, Navarro Isles, Riviera Isles, Rio Vista, Lauderdale Harbors, Harbordale, and Harbor Beach. Additional infrastructure improvements will also be provided to address stormwater flooding.

**Justification:** The Southeast Isles neighborhood contains primarily residential homes adjacent to canals tidally influenced. Due to low ground elevations, tidal water flows back through the outfall pipes and floods roadways, primarily during high tide. With increased sea levels, the prevention of tidal back flows is vital to protect the Isles neighborhoods.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$     | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|------------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$111,665        |                     |         |         |         |         |                             | \$111,665           |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(402,348)      |                     |         |         |         |         |                             | \$(402,348)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(1,448)        |                     |         |         |         |         |                             | \$(1,448)           |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$629,520        |                     |         |         |         |         |                             | \$629,520           |
| Total Fund 470:                                              |       | \$337,389        |                     |         |         |         |         |                             | \$337,389           |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                  |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$43,000,000     |                     |         |         |         |         |                             | \$43,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                  |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000         |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                  |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000        |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$44,045,000     |                     |         |         |         |         |                             | \$44,045,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$337,389</b> | <b>\$44,045,000</b> |         |         |         |         |                             | <b>\$44,382,389</b> |

**Comments:** Construction costs are estimated to be \$30,000 per outfall retrofit plus a 2% per year inflation factor for a total of 7,407,717. Construction costs are currently unfunded.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------|--------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                    |         |         |         |         |                             |                    |
| CHAR 30                             |              | \$1,365,200        |         |         |         |         |                             | \$1,365,200        |
| <b>TOTAL</b>                        |              | <b>\$1,365,200</b> |         |         |         |         |                             | <b>\$1,365,200</b> |

**Comments:** The annual estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project will affect approximately 1000+ single/multi family parcels in the Southeast Isles area.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 7  
**Bidding / Award:** 0  
**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



# VICTORIA PARK TIDAL AND STORMWATER IMPROVEMENTS

## PROJECT#: 12082

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 2000 NE 7 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project will provide improved stormwater infrastructure for the Victoria Park Neighborhood area. This area is bound by Sunrise Boulevard to the north, Middle River to east, Federal Highway to the west, and Broward Boulevard to the south. This project will include a survey, a conceptual and a final design, a hydraulic modeling, and construction.

**Justification:** The Victoria Park neighborhood was identified as a priority flooding area in the Stormwater Master Plan prepared by CDM Smith in August 2009. The area has experienced repetitive losses and several complaints have been reported. The area also has undersized infrastructure, low ground elevations and minimal pervious green area, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood buildings. This increases residences, pedestrian, and vehicular safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$     | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|---------------------------------------------------|-------|------------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>   |       |                  |                     |         |         |         |         |                             |                     |
| 470                                               | 6501  | \$370,400        |                     |         |         |         |         |                             | \$370,400           |
| <i>Stormwater   ENGINEERING FEES</i>              |       |                  |                     |         |         |         |         |                             |                     |
| 470                                               | 6534  | \$(1,874,732)    |                     |         |         |         |         |                             | \$(1,874,732)       |
| <i>Stormwater   CONSTRUCTION</i>                  |       |                  |                     |         |         |         |         |                             |                     |
| 470                                               | 6599  | \$1,607,000      |                     |         |         |         |         |                             | \$1,607,000         |
| Total Fund 470:                                   |       | \$102,668        |                     |         |         |         |         |                             | \$102,668           |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>     |       |                  |                     |         |         |         |         |                             |                     |
| 471                                               | 6599  |                  | \$19,000,000        |         |         |         |         |                             | \$19,000,000        |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i> |       |                  |                     |         |         |         |         |                             |                     |
| 471                                               | 6534  | \$850,000        |                     |         |         |         |         |                             | \$850,000           |
| Total Fund 471:                                   |       |                  | \$19,850,000        |         |         |         |         |                             | \$19,850,000        |
| <b>GRAND TOTAL:</b>                               |       | <b>\$102,668</b> | <b>\$19,850,000</b> |         |         |         |         |                             | <b>\$19,952,668</b> |

**Comments:** This funding request is for design. Construction costs are unfunded, \$36,400,000

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                  |         |         |         |         |                             |                  |
| CHAR 30                             |              | \$728,000        |         |         |         |         |                             | \$728,000        |
| <b>TOTAL</b>                        |              | <b>\$728,000</b> |         |         |         |         |                             | <b>\$728,000</b> |

**Comments:** The annual estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project will affect approximately 1000+ single/multi family and commercial parcels in the Victoria Park neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 0

**Design / Permitting:** 7

**Bidding / Award:** 0

**Construction / Closeout:** 0



# UTILITIES ASSET MANAGEMENT SYSTEM

## PROJECT#: 12190

**Project Mgr:** Brandy Leighton x5326  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the purchase and implementation of an utilities geographic information system (GIS) centric asset management system for Stormwater, Distribution and Collection and Treatment assets throughout the City. The software system will include long-range planning, life-cycle costing, proactive operations and maintenance, and capital replacement plans based on cost-benefit analysis.

**Justification:** The software will help keep track of the City's stormwater, sanitary sewer, and water distribution assets. It will serve as a integral part of monitoring these systems, identifying deficiencies, and performing the necessary upgrades and repairs. The utilities asset management system will support the water and sewer master plan, the consent order with Florida Department of Environmental Protection, and the stormwater master plan.

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                           | USAGE | AVAILABLE \$       | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|------------------------------------------------------------------|-------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   ADMINISTRATION</i>                |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6550  | \$170,000          |                  |                  |                  |                  |                  |                       | \$170,000          |
| <i>Central Region/Wastewater   CONSTRUCTION</i>                  |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6599  | \$261,364          | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$1,236,492           | \$1,060,364        |
| <i>Central Region/Wastewater   FORCE CHARGES / ENGINEERING</i>   |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6501  | \$(62)             |                  |                  |                  |                  |                  |                       | \$(62)             |
| <i>Central Region/Wastewater   ENGINEERING FEES</i>              |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                              | 6534  | \$(99,969)         |                  |                  |                  |                  |                  |                       | \$(99,969)         |
| Total Fund 451:                                                  |       | \$331,333          | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$159,800        | \$1,236,492           | \$1,130,333        |
| <i>Water and Sewer Master Plan   ADMINISTRATION</i>              |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6550  | \$125,000          |                  |                  |                  |                  |                  |                       | \$125,000          |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i> |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6501  | \$(3,216)          |                  |                  |                  |                  |                  |                       | \$(3,216)          |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6599  | \$790,790          | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$2,238,677           | \$3,657,790        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>            |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                              | 6534  | \$(355,575)        |                  |                  |                  |                  |                  |                       | \$(355,575)        |
| Total Fund 454:                                                  |       | \$556,999          | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$573,400        | \$2,238,677           | \$3,423,999        |
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>                  |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6501  | \$(4,460)          |                  |                  |                  |                  |                  |                       | \$(4,460)          |
| <i>Stormwater   ADMINISTRATION</i>                               |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6550  | \$764,431          |                  |                  |                  |                  |                  |                       | \$764,431          |
| <i>Stormwater   EQUIPMENT PURCHASES</i>                          |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6564  | \$187,000          |                  |                  |                  |                  |                  |                       | \$187,000          |
| <i>Stormwater   CONSTRUCTION</i>                                 |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6599  | \$54,066           | \$40,000         | \$40,000         | \$40,000         | \$203,400        | \$40,000         | \$807,392             | \$417,466          |
| <i>Stormwater   ENGINEERING FEES</i>                             |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 470                                                              | 6534  | \$(127,461)        |                  |                  |                  |                  |                  |                       | \$(127,461)        |
| Total Fund 470:                                                  |       | \$873,576          | \$40,000         | \$40,000         | \$40,000         | \$203,400        | \$40,000         | \$807,392             | \$1,236,976        |
| <b>GRAND TOTAL:</b>                                              |       | <b>\$1,761,908</b> | <b>\$773,200</b> | <b>\$773,200</b> | <b>\$773,200</b> | <b>\$936,600</b> | <b>\$773,200</b> | <b>\$4,282,561</b>    | <b>\$5,791,308</b> |

**Comments:** Annual operating costs are to cover software annual license fees and staff needs (to manage and monitor the asset management system).

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                       |               |
| CHAR 30                             |              |         |         |         |         |         |                       | \$0           |

|              |            |
|--------------|------------|
| <b>TOTAL</b> | <b>\$0</b> |
|--------------|------------|

**Comments:** Costs are based from similar software annual operating license fees and staff expenses

**Cost Estimate Justification:**

The available funds are for purchasing of the asset management system, installation, training of staff, and initial software implementation. Future requested funds would allow collection and processing of additional utility assets such as the City's water and sewer treatment plants and the Distribution and Collection assets not collected during FY18. This project affects parcels city wide.

| <b>Strategic Connections:</b> |                                                                            | <b>Quarters To Perform Each Task:</b> |   |
|-------------------------------|----------------------------------------------------------------------------|---------------------------------------|---|
| <b>Cylinder:</b>              | Infrastructure                                                             | <b>Initiation / Planning:</b>         | 0 |
| <b>Strategic Goals:</b>       | Be a sustainable and resilient community                                   | <b>Design / Permitting:</b>           | 0 |
|                               |                                                                            | <b>Bidding / Award:</b>               | 0 |
| <b>Objectives:</b>            | Proactively maintain our water, wastewater, road and bridge infrastructure | <b>Construction / Closeout:</b>       | 0 |





# DRAINAGE CANAL SURVEYING AND ASSESSMENT

## PROJECT#: 12191

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The project scope includes the survey of various canals and drainage culverts not surveyed during Fiscal Year 2015 for the Public Works Department. The scope of the project includes defining the canal survey boundary limit, ownership, easements, and the legal maintenance responsibilities.

**Justification:** This project falls under the City's Infrastructural Cylinder of Excellence of the Commission Annual Action Plan. The survey of the canals will provide data for the modeling of the Stormwater Master Plan and define maintenance responsibilities.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$    | FY 2020         | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------|-------|-----------------|-----------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i> |       |                 |                 |         |         |         |         |                             |                  |
| 470                                             | 6501  | \$90,886        | \$14,016        |         |         |         |         |                             | \$104,902        |
| <i>Stormwater   ENGINEERING FEES</i>            |       |                 |                 |         |         |         |         |                             |                  |
| 470                                             | 6534  | \$4,162         |                 |         |         |         |         |                             | \$4,162          |
| Total Fund 470:                                 |       | \$95,048        | \$14,016        |         |         |         |         |                             | \$109,064        |
| <b>GRAND TOTAL:</b>                             |       | <b>\$95,048</b> | <b>\$14,016</b> |         |         |         |         |                             | <b>\$109,064</b> |

**Comments:** Project requires topographic and hydrographic surveying work by City crews or consultants as well as coordination with the stormwater master plan consultant to input survey data as appropriate in the hydraulic model.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** Project requires data monitoring and control by one City Engineering Technician for approximately 8 hours per month (96 hours per year) at a yearly amount of \$14,016.

### Cost Estimate Justification:

Costs take into account a 2% per year inflation factor and a staff hourly rate of \$146 per hour. Cost was developed based on current dredging survey costs. Canal volume based on surveys of canal by city staff. There are no maintenance costs associated with this project. This project will affect parcels citywide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## DRAINAGE CANAL DREDGING

### PROJECT#: 12264

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project includes the dredging of various canals throughout the City to provide proper flow of stormwater from drainage canals and channels. The work also includes the navigation of vessels and conveyance of stormwater in navigable canals. The scope of the project includes dredging the bottom canal channel to a maximum of five (5) feet below mean low water elevation. This will be completed to comply with the City's canal dredging criteria and ensure all stormwater outfalls are clear.

**Justification:** This project is for the dredging of canals evaluated by the Engineering Division in the Public Works Department. These canals are not open for stormwater discharge and are not in compliance with the City's canal dredging criteria. The dredging of these canals will reduce flooding and prevent navigable vessels from getting stuck at the bottom of the canals while navigating during low tides. The work will also improve the canal's water conveyance capacity.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$     | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------|-----------------------------|------------------|---------|------------------|---------|---------|---------|-----------------------------|--------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |                  |         |                  |         |         |         |                             |                    |
| 470                 | 6501                        | \$331,309        |         | \$101,414        |         |         |         |                             | \$432,723          |
| Stormwater          | ENGINEERING FEES            |                  |         |                  |         |         |         |                             |                    |
| 470                 | 6534                        | \$358,145        |         | \$101,414        |         |         |         |                             | \$459,559          |
| Stormwater          | CONSTRUCTION                |                  |         |                  |         |         |         |                             |                    |
| 470                 | 6599                        | \$194,413        |         | \$510,107        |         |         |         |                             | \$704,520          |
| Total Fund 470:     |                             | \$883,867        |         | \$712,935        |         |         |         |                             | \$1,596,802        |
| <b>GRAND TOTAL:</b> |                             | <b>\$883,867</b> |         | <b>\$712,935</b> |         |         |         |                             | <b>\$1,596,802</b> |

**Comments:** Project may require mechanical and/or hydraulic dredging work by contractor as well as coordination with the stormwater master plan consultant to include canal surface data as appropriate in the stormwater hydraulic model.

#### Impact On Operating Budget:

| IMPACT                             | AVAILABLE \$ | FY 2020        | FY 2021        | FY 2022        | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------|--------------|----------------|----------------|----------------|---------|---------|-----------------------------|------------------|
| <i>Incr./Dec.) Operating Costs</i> |              |                |                |                |         |         |                             |                  |
| CHAR 30                            |              | \$7,200        | \$7,200        | \$7,200        |         |         |                             | \$21,600         |
| <b>TOTAL</b>                       |              | <b>\$7,200</b> | <b>\$7,200</b> | <b>\$7,200</b> |         |         |                             | <b>\$21,600</b>  |

**Comments:** Project operating cost applies after dredging construction and it may include performing maintenance of dredged surfaces on the canals adjacent to stormwater outfalls or drainage canals

#### Cost Estimate Justification:

Costs take into account cost a 2% per year inflation factor and a staff hourly rate of \$146 per hour. Cost was developed based on current dredging costs. This project will affect parcels citywide.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 2  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# STORMSTATION 1 FIXED EMERGENCY GENERATORS

**PROJECT#: 12478**

**Project Mgr:** Sayd Hussain x5678  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** N New River Drive West  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project will install permanent generators to run the storm station pumps in the event of a electrical power outage.

**Justification:** During Hurricane Irma, the City's two (2) major storm stations in the downtown area experience a power outage resulting in over 1.5 feet of water in downtown streets. Generator back up will improve the reliability and resilience of this infrastructure. This project is needed to maintain proper drainage and prevent street and property flooding to the downtown area/upstream of the storm stations.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** CityFacilities

## Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |                  |         |         |         |         |                             |                  |
| 470                                      | 6501  |              |                  |         |         |         |         |                             | \$0              |
| Stormwater   ENGINEERING FEES            |       |              |                  |         |         |         |         |                             |                  |
| 470                                      | 6534  |              |                  |         |         |         |         |                             | \$0              |
| Stormwater   CONSTRUCTION                |       |              |                  |         |         |         |         |                             |                  |
| 470                                      | 6599  |              | \$395,250        |         |         |         |         |                             | \$395,250        |
| Total Fund 470:                          |       |              | \$395,250        |         |         |         |         |                             | \$395,250        |
| <b>GRAND TOTAL:</b>                      |       |              | <b>\$395,250</b> |         |         |         |         |                             | <b>\$395,250</b> |

**Comments:** Storm station 1 contains three (3) pumps rated at 720 revolutions per minute/150 horsepower (25,000 gallons per minute) - currently it takes 1- 280 kilowatt portable generator to run one (1) pump at a time.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No budget impact.

## Cost Estimate Justification:

Significant and necessary because at this time none of the portable generators in the Utilities inventory are dedicated to Stormwater Operations. All portable generators in the Utilities inventory are dedicated to wastewater. This project will affect approximately 1000+ multi family and commercial parcels.

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# STORMSTATION 2 FIXED EMERGENCY GENERATORS

**PROJECT#: 12479**

**Project Mgr:** Sayd Hussain x5678  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SE 1st Avenue/NE New River Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project will install permanent generators to run the storm station pumps in the event of a electrical power outage.

**Justification:** During Hurricane Irma, the City's two (2) major storm stations in the downtown area experienced a power outage resulting in over 1.5 feet of water in downtown streets. Generator back up will improve the reliability and resilience of this infrastructure. This project is needed to maintain proper drainage and prevent street and property flooding to the downtown area/upstream of the storm stations.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** CityFacilities

## Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |                  |         |         |         |         |                             |                  |
| 470                 | 6501                        |              |                  |         |         |         |         |                             | \$0              |
| Stormwater          | ENGINEERING FEES            |              |                  |         |         |         |         |                             |                  |
| 470                 | 6534                        |              |                  |         |         |         |         |                             | \$0              |
| Stormwater          | CONSTRUCTION                |              |                  |         |         |         |         |                             |                  |
| 470                 | 6599                        |              | \$297,500        |         |         |         |         |                             | \$297,500        |
| Total Fund 470:     |                             |              | \$297,500        |         |         |         |         |                             | \$297,500        |
| <b>GRAND TOTAL:</b> |                             |              | <b>\$297,500</b> |         |         |         |         |                             | <b>\$297,500</b> |

**Comments:** Storm station 2 contains three (3) pumps rated at 600 revolutions per minute/75 horsepower (12,500 gallons per minute) and one (1) jockey pump (50 horsepower) - currently it takes 1-280 kilowatt portable generator to run one (1) pump.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

Significant and necessary because at this time none of the portable generators in the Utilities inventory are dedicated to Stormwater Operations. All portable generators in the Utilities inventory are dedicated to wastewater. This project will affect approximately 1000+ multi family and commercial parcels.

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# 1801 NE 45TH STREET STORMWATER IMPROVEMENTS

## PROJECT#: FY 20170492

**Project Mgr:** Francisco Rios x5807  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 1801 NE 45th Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33308

**Description:** This project is for the installation of stormwater infrastructure to alleviate stormwater flooding at 1801 NE 45th Street.

**Justification:** The project will address Stormwater flooding issues at the site by replacing and installing a new Stormwater infrastructure.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021         | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|-----------------|------------------|---------|---------|-----------------------------|------------------|
| Stormwater   CONSTRUCTION                |       |              |         |                 |                  |         |         |                             |                  |
| 470                                      | 6599  |              |         |                 | \$107,818        |         |         |                             | \$107,818        |
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |                 |                  |         |         |                             |                  |
| 470                                      | 6501  |              |         | \$36,223        |                  |         |         |                             | \$36,223         |
| Stormwater   ENGINEERING FEES            |       |              |         |                 |                  |         |         |                             |                  |
| 470                                      | 6534  |              |         | \$15,983        |                  |         |         |                             | \$15,983         |
| Total Fund 470:                          |       |              |         | \$52,206        | \$107,818        |         |         |                             | \$160,024        |
| <b>GRAND TOTAL:</b>                      |       |              |         | <b>\$52,206</b> | <b>\$107,818</b> |         |         |                             | <b>\$160,024</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023        | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------|--------------|---------|---------|---------|----------------|---------|-----------------------------|------------------|
| Incr./(Dec.) Personnel Costs |              |         |         |         |                |         |                             |                  |
| CHAR 10                      |              |         |         |         | \$2,157        |         |                             | \$2,157          |
| <b>TOTAL</b>                 |              |         |         |         | <b>\$2,157</b> |         |                             | <b>\$2,157</b>   |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 20 commercial/single family parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



# 1544 ARGYLE DRIVE STORMWATER IMPROVEMENTS

## PROJECT#: FY 20170506

**Project Mgr:** Dronix Suarez x6982  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 1544 Argyle Drive  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project includes replacement and installation of new stormwater infrastructures at 1544 Argyle Drive.

**Justification:** The project will address stormwater flooding issues at the site by replacing and installing a new Stormwater infrastructure.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------|-------|--------------|---------|------------------|------------------|---------|---------|-----------------------------|------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i> |       |              |         |                  |                  |         |         |                             |                  |
| 470                                             | 6501  |              |         | \$87,029         |                  |         |         |                             | \$87,029         |
| <i>Stormwater   ENGINEERING FEES</i>            |       |              |         |                  |                  |         |         |                             |                  |
| 470                                             | 6534  |              |         | \$38,395         |                  |         |         |                             | \$38,395         |
| <i>Stormwater   CONSTRUCTION</i>                |       |              |         |                  |                  |         |         |                             |                  |
| 470                                             | 6599  |              |         |                  | \$255,969        |         |         |                             | \$255,969        |
| Total Fund 470:                                 |       |              |         | \$125,424        | \$255,969        |         |         |                             | \$381,393        |
| <b>GRAND TOTAL:</b>                             |       |              |         | <b>\$125,424</b> | <b>\$255,969</b> |         |         |                             | <b>\$381,393</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022        | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|----------------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |                |         |         |                             |                  |
| CHAR 10                             |              |         |         | \$4,876        |         |         |                             | \$4,876          |
| <b>TOTAL</b>                        |              |         |         | <b>\$4,876</b> |         |         |                             | <b>\$4,876</b>   |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 26 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# 1716 SE 7TH STREET STORMWATER IMPROVEMENTS

## PROJECT#: FY 20170507

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 1716 SE 7 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for the installation of stormwater infrastructure which will help alleviate stormwater flooding at 1716 SE 7th Street.

**Justification:** The project will address stormwater flooding issues at the site by replacing and installing new stormwater infrastructure.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |                  |         |         |         |         |                             |                  |
| 470                 | 6501                        |              | \$87,029         |         |         |         |         |                             | \$87,029         |
| Stormwater          | ENGINEERING FEES            |              |                  |         |         |         |         |                             |                  |
| 470                 | 6534                        |              | \$38,395         |         |         |         |         |                             | \$38,395         |
| Stormwater          | CONSTRUCTION                |              |                  |         |         |         |         |                             |                  |
| 470                 | 6599                        |              | \$257,229        |         |         |         |         |                             | \$257,229        |
| Total Fund 470:     |                             |              | \$382,653        |         |         |         |         |                             | \$382,653        |
| <b>GRAND TOTAL:</b> |                             |              | <b>\$382,653</b> |         |         |         |         |                             | <b>\$382,653</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022        | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|----------------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |                |         |         |                             |                  |
| CHAR 10                             |              |         |         | \$4,900        |         |         |                             | \$4,900          |
| <b>TOTAL</b>                        |              |         |         | <b>\$4,900</b> |         |         |                             | <b>\$4,900</b>   |

**Comments:**

### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the 2014 water quality regulatory requirements, 2) Meeting 2014 city roadway flood protection criteria (1 Day-10 Year storm), 3) 2% Per Year inflation factor, and 4) Staff hourly rate of \$146 per hour. This project will affect approximately 40 single family parcels impacted by flooding.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## 3032 NE 20TH CT. STORMWATER IMPROVEMENTS

### PROJECT#: FY 20170511

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 3032 NE 20 Court  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33305

**Description:** This project is for the replacement and installation of new stormwater infrastructures at 3032 NE 20 Court.

**Justification:** The project will address stormwater flooding issues at the site by replacing and installing new stormwater infrastructure.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|------------------|---------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |                  |         |         |         |                             |                  |
| 470                 | 6501                        |              |         | \$36,231         |         |         |         |                             | \$36,231         |
| Stormwater          | ENGINEERING FEES            |              |         |                  |         |         |         |                             |                  |
| 470                 | 6534                        |              |         | \$21,312         |         |         |         |                             | \$21,312         |
| Stormwater          | CONSTRUCTION                |              |         |                  |         |         |         |                             |                  |
| 470                 | 6599                        |              |         | \$121,096        |         |         |         |                             | \$121,096        |
| Total Fund 470:     |                             |              |         | \$178,639        |         |         |         |                             | \$178,639        |
| <b>GRAND TOTAL:</b> |                             |              |         | <b>\$178,639</b> |         |         |         |                             | <b>\$178,639</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$    | FY 2020 | FY 2021 | FY 2022        | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|-----------------|---------|---------|----------------|---------|---------|-----------------------------|------------------|
| Incr./(Dec.) | Personnel Costs |         |         |                |         |         |                             |                  |
| CHAR 10      |                 |         |         | \$2,029        |         |         |                             | \$2,029          |
| <b>TOTAL</b> |                 |         |         | <b>\$2,029</b> |         |         |                             | <b>\$2,029</b>   |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

#### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 10 single family parcels being impacted by flooding.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3





# 32-101 S. GORDON ROAD STORMWATER IMPROVEMENTS

## PROJECT#: FY 20170512

**Project Mgr:** Juan Carlos Samuel x6323  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 32-101 S Gordon Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the replacement and installation of new stormwater infrastructures at 32-101 S Gordon Road.

**Justification:** The project will address stormwater flooding issues at the site by replacing and installing new stormwater infrastructure.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------------------|-------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i> |       |              |                  |         |         |         |         |                             |                  |
| 470                                             | 6501  |              | \$43,413         |         |         |         |         |                             | \$43,413         |
| <i>Stormwater   ENGINEERING FEES</i>            |       |              |                  |         |         |         |         |                             |                  |
| 470                                             | 6534  |              | \$19,153         |         |         |         |         |                             | \$19,153         |
| <i>Stormwater   CONSTRUCTION</i>                |       |              |                  |         |         |         |         |                             |                  |
| 470                                             | 6599  |              | \$128,944        |         |         |         |         |                             | \$128,944        |
| Total Fund 470:                                 |       |              | \$191,510        |         |         |         |         |                             | \$191,510        |
| <b>GRAND TOTAL:</b>                             |       |              | <b>\$191,510</b> |         |         |         |         |                             | <b>\$191,510</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022        | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|----------------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |                |         |         |                             |                  |
| CHAR 10                             |              |         |         | \$2,456        |         |         |                             | \$2,456          |
| <b>TOTAL</b>                        |              |         |         | <b>\$2,456</b> |         |         |                             | <b>\$2,456</b>   |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 25 single family parcels impacted by flooding.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



## NE 32 AVENUE AND NE 30TH STREET

### PROJECT#: FY 20190771

**Project Mgr:** Rares Petrica x6720 **Department:** Public Works **Address:** NE 32 Ave W/NE 33 Ave E/NE 30 Ct S/NE 30 St  
**Fund:** 470 Stormwater **City:** Fort Lauderdale  
**District:** ☐ I ☒ II ☐ III ☐ IV **State:** FL  
**Zip:** 33308

**Description:** This project is for installation of additional stormwater infrastructure in the area to help alleviate flooding from tidal events and permitted discharges from underground parking garages into the City's system.

**Justification:** The tidal flooding along NE 32nd Avenue has caused severe disruption to local businesses and residents in this area. These much needed stormwater improvements will help reduce the flooding in future and enhance the neighborhood overall.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|------------------|------------------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6501  |              |         |         |         | \$42,000         |                  |                             | \$42,000         |
| Stormwater   ENGINEERING FEES            |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6534  |              |         |         |         | \$131,250        |                  |                             | \$131,250        |
| Stormwater   CONSTRUCTION                |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6599  |              |         |         |         |                  | \$640,500        |                             | \$640,500        |
| Total Fund 470:                          |       |              |         |         |         | \$173,250        | \$640,500        |                             | \$813,750        |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         | <b>\$173,250</b> | <b>\$640,500</b> |                             | <b>\$813,750</b> |

**Comments:**

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

#### Cost Estimate Justification:

The cost estimate of \$775,000.00 is based on the proposed scope of work for this project and known industry 2018 unit costs for implementing these improvements. This project affects 200 multifamily units and 10 businesses.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 1

**Construction / Closeout:** 1



# RIVERLAND ROAD STORMWATER IMPROVEMENTS

## PROJECT#: FY 20190772

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Riverland Road from SW 26 Ave to SW 31 St  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for installation of additional stormwater infrastructure to help alleviate flooding along this stretch of Riverland Road.

**Justification:** These much needed stormwater improvements will help reduce the flooding in the future and enhance the neighborhood overall.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|---------|------------------|------------------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |         |                  |                  |                             |                  |
| 470                 | 6501                        |              |         |         |         | \$52,500         |                  |                             | \$52,500         |
| Stormwater          | ENGINEERING FEES            |              |         |         |         |                  |                  |                             |                  |
| 470                 | 6534                        |              |         |         |         | \$157,500        |                  |                             | \$157,500        |
| Stormwater          | CONSTRUCTION                |              |         |         |         |                  |                  |                             |                  |
| 470                 | 6599                        |              |         |         |         |                  | \$693,000        |                             | \$693,000        |
| Total Fund 470:     |                             |              |         |         |         | \$210,000        | \$693,000        |                             | \$903,000        |
| <b>GRAND TOTAL:</b> |                             |              |         |         |         | <b>\$210,000</b> | <b>\$693,000</b> |                             | <b>\$903,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

The cost estimate of \$860,000.00 is based on the proposed scope of work for this project and known industry 2018 unit costs for implementing these improvements. This project affects 500+ single family parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



# MELROSE MANORS NEIGHBORHOOD IMPROVEMENTS

## PROJECT#: FY 20190773

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** Melrose Manors Neighborhood  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for analysis and design of stormwater improvements in the Melrose Manors neighborhood

**Justification:** The Melrose Manors neighborhood has been susceptible to flooding due to undersized infrastructure. As part of this project a consultant team will develop stormwater plans to help address these issues.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023     | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|-------------|---------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |             |         |                             |                  |
| 470                                      | 6501  |              |         |         |         | \$105,000   |         |                             | \$105,000        |
| Stormwater   ENGINEERING FEES            |       |              |         |         |         |             |         |                             |                  |
| 470                                      | 6534  |              |         |         |         | \$1,200,000 |         |                             | \$1,200,000      |
| Stormwater   CONSTRUCTION                |       |              |         |         |         |             |         |                             |                  |
| 470                                      | 6599  |              |         |         |         | \$75,000    |         |                             | \$75,000         |
| Total Fund 470:                          |       |              |         |         |         | \$1,380,000 |         |                             | \$1,380,000      |
| GRAND TOTAL:                             |       |              |         |         |         | \$1,380,000 |         |                             | \$1,380,000      |

**Comments:**

### Impact On Operating Budget:

| IMPACT | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------|--------------|-----------------------------|------------------|
|        |              |                             | \$0              |
| TOTAL  |              |                             | \$0              |

**Comments:**

### Cost Estimate Justification:

The cost estimate of \$1,000,000.00 is based on the proposed scope of work for this project and known 2018 design fees needed to produce the appropriate neighborhood improvement plans and details. This project affects approximately 200+ single family parcels and 20 commercial parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



# SAILBOAT BEND STORMWATER IMPROVEMENTS

**PROJECT#: FY 20190774**

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Intersections of SW 2 Ct with SW 11, 10, 9 Ave  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for the installation of stormwater infrastructure along SW 2nd Court in order to alleviate ponding.

**Justification:** These much needed stormwater improvements will help reduce the flooding in the future and enhance the neighborhood overall.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

## Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|---------|------------------|------------------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |         |                  |                  |                             |                  |
| 470                 | 6501                        |              |         |         |         | \$52,500         |                  |                             | \$52,500         |
| Stormwater          | ENGINEERING FEES            |              |         |         |         |                  |                  |                             |                  |
| 470                 | 6534                        |              |         |         |         | \$183,750        |                  |                             | \$183,750        |
| Stormwater          | CONSTRUCTION                |              |         |         |         |                  |                  |                             |                  |
| 470                 | 6599                        |              |         |         |         |                  | \$750,750        |                             | \$750,750        |
| Total Fund 470:     |                             |              |         |         |         | \$236,250        | \$750,750        |                             | \$987,000        |
| <b>GRAND TOTAL:</b> |                             |              |         |         |         | <b>\$236,250</b> | <b>\$750,750</b> |                             | <b>\$987,000</b> |

**Comments:**

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

The cost estimate of \$940,000.00 is based on the proposed scope of work for this project and known industry 2018 unit costs for implementing these improvements. This project affects approximately 500+ single family and multi-family parcels impacted by flooding.

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 1



## TARPON RIVER STORMWATER IMPROVEMENTS

**PROJECT#: FY 20200818**

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Harbor Beach, Drive Inlet and Isles HOA's  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for analysis and design of stormwater improvements in the Harbor Beach, Drive, Inlet and Isles Neighborhoods. The Consultant will be utilizing the existing Interconnected Channel and Pond Routing (IPRC) Model to assess the drainage infrastructure in this neighborhood and develop construction ready plans and specifications that can be bid out to contractors for implementation.

**Justification:** This neighborhood has undersized and aging stormwater infrastructure that is in dire need of upgrading and replacement. This will allow us to assess the condition of the system and develop engineering plans and specification that will rehabilitate the stormwater system within this neighborhood.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024            | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|------------------------------------------|-------|--------------|---------|---------|---------|---------|--------------------|-----------------------------|--------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |         |                    |                             |                    |
| 470                                      | 6501  |              |         |         |         |         | \$150,000          |                             | \$150,000          |
| Stormwater   ENGINEERING FEES            |       |              |         |         |         |         |                    |                             |                    |
| 470                                      | 6534  |              |         |         |         |         | \$1,000,000        |                             | \$1,000,000        |
| Stormwater   CONSTRUCTION                |       |              |         |         |         |         |                    |                             |                    |
| 470                                      | 6599  |              |         |         |         |         | \$50,000           |                             | \$50,000           |
| Total Fund 470:                          |       |              |         |         |         |         | \$1,200,000        |                             | \$1,200,000        |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         |         | <b>\$1,200,000</b> |                             | <b>\$1,200,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project has no impact on the operating budget since it consists of plan development and assessments. Once the designs finalized and the improvements are constructed, the new infrastructure will need to be maintained by City crews.

### Cost Estimate Justification:

Estimates are based on past neighborhood wide designs that were performed as part of the Stormwater Master Plan. This project affects approximately 1000+ single/multi family parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 4  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



## HARBOR ISLES STORMWATER IMPROVEMENTS

**PROJECT#: FY 20200819**

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Harbor Beach, Drive, Inlet and Isles HOAs  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33316

**Description:** This project is for analysis and design of stormwater improvements in the Harbor Beach, Drive, Inlet and Isles Neighborhoods. The Consultant will be utilizing the existing Interconnected Channel and Pond Routing (IPRC) Model to assess the drainage infrastructure in this neighborhood and develop construction ready plans and specifications that can be bid out to contractors for implementation.

**Justification:** This neighborhood has undersized and aging stormwater infrastructure that is in dire need of upgrading and replacement. This will allow us to assess the condition of the system and develop engineering plans and specification that will rehabilitate the stormwater system within this neighborhood.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |         |         |                             |                  |
| 470                                      | 6501  |              |         |         |         |         |         | \$150,000                   | \$0              |
| Stormwater   ENGINEERING FEES            |       |              |         |         |         |         |         |                             |                  |
| 470                                      | 6534  |              |         |         |         |         |         | \$1,000,000                 | \$0              |
| Stormwater   CONSTRUCTION                |       |              |         |         |         |         |         |                             |                  |
| 470                                      | 6599  |              |         |         |         |         |         | \$50,000                    | \$0              |
| Total Fund 470:                          |       |              |         |         |         |         |         | \$1,200,000                 | \$0              |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         |         |         | <b>\$1,200,000</b>          | <b>\$0</b>       |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project has no impact on the operating budget since it consists of plan development and assessments. Once the designs finalized and the improvements are constructed, the new infrastructure will need to be maintained by City crews.

### Cost Estimate Justification:

Estimates are based on past neighborhood wide designs that were performed as part of the Stormwater Master Plan. This project affects approximately 1000+ single/multi family parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 4  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# NE 7TH STREET AND NE 2ND AVE STORMWATER IMPROVEMEN

## PROJECT#: FY 20200820

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Intersection of NE 7th Street and NE 2nd Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** Installation of stormwater infrastructure along NE 7th Street between NE 1st Ave. to NE 3rd Ave. The existing system is undersized, structurally deficient and not interconnected. Because of this, the area is constantly flooded during moderate rainfall events. The scope is to interconnect the system, and install additional exfiltration trenches and structures and well as provide a positive outfall to the system on NE 3rd Avenue.

**Justification:** The existing stormwater infrastructure is not adequate for the area. The location in the densely populated Flagler Village neighborhood is often flooded, posing a risk to traffic and pedestrians.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|------------------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |                  |         |         |                             |                  |
| 470                 | 6501                        |              |         |         | \$41,500         |         |         |                             | \$41,500         |
| Stormwater          | ENGINEERING FEES            |              |         |         |                  |         |         |                             |                  |
| 470                 | 6534                        |              |         |         | \$80,000         |         |         |                             | \$80,000         |
| Stormwater          | CONSTRUCTION                |              |         |         |                  |         |         |                             |                  |
| 470                 | 6599                        |              |         |         | \$228,500        |         |         |                             | \$228,500        |
| Total Fund 470:     |                             |              |         |         | \$350,000        |         |         |                             | \$350,000        |
| <b>GRAND TOTAL:</b> |                             |              |         |         | <b>\$350,000</b> |         |         |                             | <b>\$350,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Incr./(Dec.) Operating Costs |              |         |         |         |         |         |                             |                  |
| CHAR 30                      |              |         |         |         |         |         | \$10,000                    | \$0              |
| <b>TOTAL</b>                 |              |         |         |         |         |         | <b>\$10,000</b>             | <b>\$0</b>       |

**Comments:** Maintenance of the system after construction

### Cost Estimate Justification:

Estimate is based on current line item costs in the annual construction contract and the scope of the project outlined above. This project will affect approximately 200+ multi family parcels impacted by flooding along NE 7th street.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 2





# FLAGLER VILLAGE NEIGHBORHOOD IMPROVEMENTS

## PROJECT#: FY 20200821

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Flagler Village HOA  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project is for analysis and design of stormwater improvements in the Flagler Village Neighborhood. The Consultant will be utilizing the existing Interconnected Channel and Pond Routing Model (ICPR 4) to assess the drainage infrastructure in this neighborhood and develop construction ready plans and specifications that can be bid out to contractors for implementation.

**Justification:** This neighborhood has undersized and aging stormwater infrastructure that is in dire need of upgrading and replacement. This will allow us to assess the condition of the system and develop engineering plans and specification that will rehabilitate the stormwater system within this neighborhood.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |         |         |                             |                  |
| 470                                      | 6501  |              |         |         |         |         |         | \$150,000                   | \$0              |
| Stormwater   ENGINEERING FEES            |       |              |         |         |         |         |         |                             |                  |
| 470                                      | 6534  |              |         |         |         |         |         | \$1,000,000                 | \$0              |
| Stormwater   CONSTRUCTION                |       |              |         |         |         |         |         |                             |                  |
| 470                                      | 6599  |              |         |         |         |         |         | \$50,000                    | \$0              |
| Total Fund 470:                          |       |              |         |         |         |         |         | \$1,200,000                 | \$0              |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         |         |         | <b>\$1,200,000</b>          | <b>\$0</b>       |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** This project has no impacts on the operating budget since it consists of plan development and assessments. Once the designs are constructed user a future project, the new infrastructure will need to be maintained

### Cost Estimate Justification:

Estimates are based on past neighborhood wide designs that were performed as part of the Stormwater Master Plan. This project affects approximately 1000+ single/multi family parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 4  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# NE 11TH CT. AND SEMINOLE DR. STORMWATER IMPROVEMEN

## PROJECT#: FY 20200822

**Project Mgr:** Sayd Hussain x5678  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 2649 NE 11th Ct  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project is for the replacement of undersized stormwater infrastructure along NW 11th CT. and Seminole Drive.

**Justification:** The existing outfall infrastructure is undersized and causes extensive flooding during moderate to intense rainfall events. Upsizing this pipe will help with the flooding in the area and offer the neighbors much needed relief from flooding.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|---------|------------------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |         |                  |         |                             |                  |
| 470                 | 6501                        |              |         |         |         | \$25,000         |         |                             | \$25,000         |
| Stormwater          | ENGINEERING FEES            |              |         |         |         |                  |         |                             |                  |
| 470                 | 6534                        |              |         |         |         | \$70,000         |         |                             | \$70,000         |
| Stormwater          | CONSTRUCTION                |              |         |         |         |                  |         |                             |                  |
| 470                 | 6599                        |              |         |         |         | \$280,000        |         |                             | \$280,000        |
| Total Fund 470:     |                             |              |         |         |         | \$375,000        |         |                             | \$375,000        |
| <b>GRAND TOTAL:</b> |                             |              |         |         |         | <b>\$375,000</b> |         |                             | <b>\$375,000</b> |

**Comments:**

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                             |                  |
| CHAR 30                             |              |         |         |         |         |         | \$7,000                     | \$0              |
| <b>TOTAL</b>                        |              |         |         |         |         |         | <b>\$7,000</b>              | <b>\$0</b>       |

**Comments:** Maintenance of the system after construction.

### Cost Estimate Justification:

Estimate is based on current line item costs in the annual construction contract and the scope of the project outlined above. This project will affect approximately 25 single family and 100+ multi family parcels directly impacted by flooding.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 0  
**Construction / Closeout:** 1



## NW 21ST AVENUE PIPE REHABILITATION

### PROJECT#: FY 20200823

**Project Mgr:** Juan Carlos Samuel x6323  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** NW 21st Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project is for the rehabilitation of 1450 liner feet of 54" reinforce concrete pipe located along NW 21st Avenue between Sistrunk Blvd/NW 6th St. and the New River, using trenchless concrete spin casting techniques.

**Justification:** This pipe has extensive joint damage which is causing subsidence of the soils and the roadway above (NW 21st Avenue). The sinkholes formed along NW 21st Avenue as a result of the undermined stormwater pipe, this presents a danger to traffic and pedestrians.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE                                          | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022            | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|-------------------------------------------------|-------|--------------|---------|---------|--------------------|---------|---------|-----------------------|--------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i> |       |              |         |         |                    |         |         |                       |                    |
| 470                                             | 6501  |              |         |         | \$100,000          |         |         |                       | \$100,000          |
| <i>Stormwater   CONSTRUCTION</i>                |       |              |         |         |                    |         |         |                       |                    |
| 470                                             | 6599  |              |         |         | \$1,000,000        |         |         |                       | \$1,000,000        |
| Total Fund 470:                                 |       |              |         |         | \$1,100,000        |         |         |                       | \$1,100,000        |
| <b>GRAND TOTAL:</b>                             |       |              |         |         | <b>\$1,100,000</b> |         |         |                       | <b>\$1,100,000</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                       |               |
| CHAR 30                             |              |         |         |         |         |         | \$50,000              | \$0           |
| <b>TOTAL</b>                        |              |         |         |         |         |         | <b>\$50,000</b>       | <b>\$0</b>    |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

#### Cost Estimate Justification:

Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection. This project will affect approximately 130 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 1

**Bidding / Award:** 1

**Construction / Closeout:** 1



## NE 4TH STREET DRAINAGE IMPROVEMENTS

**PROJECT#: FY 20200824**

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** NE 4th Street between NE 3rd Avenue and US  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is intended to be constructed alongside a Transportation and Mobility streetscape improvement project that will interconnect the existing drainage systems in the area, ensuring flood protection and runoff conveyance for years to come.

**Justification:** The existing stormwater system is inadequate to serve this area. Modification of the existing stormwater infrastructure, design and construction of new facilities will be needed to provide the level of service needed and to comply with current City engineering standards.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|---------|------------------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |         |                  |         |                             |                  |
| 470                 | 6501                        |              |         |         |         | \$25,000         |         |                             | \$25,000         |
| Stormwater          | ENGINEERING FEES            |              |         |         |         |                  |         |                             |                  |
| 470                 | 6534                        |              |         |         |         | \$65,000         |         |                             | \$65,000         |
| Stormwater          | CONSTRUCTION                |              |         |         |         |                  |         |                             |                  |
| 470                 | 6599                        |              |         |         |         | \$760,000        |         |                             | \$760,000        |
| Total Fund 470:     |                             |              |         |         |         | \$850,000        |         |                             | \$850,000        |
| <b>GRAND TOTAL:</b> |                             |              |         |         |         | <b>\$850,000</b> |         |                             | <b>\$850,000</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is an impact on the operating budget for the cost of the task order to the consultant.

### Cost Estimate Justification:

The cost estimate is based on a preliminary schematic design of the improvements and the known line item costs from similar stormwater projects our department has executed within the last 2 years. This project affects approximately 250 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# HOLLY HEIGHTS DR STORMWATER IMPROVEMENTS

**PROJECT#: FY 20200825**

**Project Mgr:** tbd      **Department:** Public Works      **Address:** Holly Heights Dr Stormwater Improvements  
**Fund:** 470 Stormwater      **City:** Fort Lauderdale  
**District:** ☐ I ☐ II ☐ III ☒ IV      **State:** FL  
**Zip:** 33301

**Description:** This project is to provide stormwater improvements for Holly Heights Drive and adjacent streets in Middle River Terrace Neighborhood

**Justification:** The existing stormwater system is inadequate to serve this area. Modification of the existing stormwater infrastructure, design and construction of new facilities will be needed to provide the level of service needed and to comply with current City engineering standards.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

## Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|------------------|------------------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6501  |              |         |         |         |                  | \$60,000         |                             | \$60,000         |
| Stormwater   ENGINEERING FEES            |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6534  |              |         |         |         |                  | \$90,000         |                             | \$90,000         |
| Stormwater   CONSTRUCTION                |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6599  |              |         |         |         | \$157,000        | \$150,000        |                             | \$307,000        |
| Total Fund 470:                          |       |              |         |         |         | \$157,000        | \$300,000        |                             | \$457,000        |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         | <b>\$157,000</b> | <b>\$300,000</b> |                             | <b>\$457,000</b> |

**Comments:** The funds will be used to hire an engineering consultant to perform the condition assessment of the two storm stations and make recommendations of improvements.

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is an impact on the operating budget for the cost of the task order to the consultant.

## Cost Estimate Justification:

The cost estimate is based on a preliminary schematic design of the improvements and the known line item costs from similar stormwater projects our department has executed within the last 2 years. This project will affect approximately 150 parcels.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

## Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 0

**Construction / Closeout:** 2



# STORMWATER PUMP STATIONS SS1 & SS2 IMPROVEMENT STU

## PROJECT#: FY 20200826

**Project Mgr:** TBD **Department:** Public Works **Address:** SS1 (Riverwalk North @ East side of Train Rail)  
**Fund:** 470 Stormwater **City:** Fort Lauderdale  
**District:** ☐ I ☐ II ☐ III ☒ IV **State:** FL  
**Zip:** 33301

**Description:** This project is to perform an evaluation of the hydraulics and existing conditions (condition assessment) of two stormwater stations serving the downtown area and make recommendations for improvements.

**Justification:** The engineering evaluation of current conditions of the two (2) pump stations is necessary to prevent and minimize flood risk for current and future conditions of the Fort Lauderdale downtown and financial districts.

**Source Of the Justification:** Facilities Condition Assessment

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|---------|------------------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |         |                  |         |                             |                  |
| 470                 | 6501                        |              |         |         |         | \$15,000         |         |                             | \$15,000         |
| Stormwater          | ENGINEERING FEES            |              |         |         |         |                  |         |                             |                  |
| 470                 | 6534                        |              |         |         |         | \$100,000        |         |                             | \$100,000        |
| Stormwater          | CONSTRUCTION                |              |         |         |         |                  |         |                             |                  |
| 470                 | 6599                        |              |         |         |         | \$7,000          |         |                             | \$7,000          |
| Total Fund 470:     |                             |              |         |         |         | \$122,000        |         |                             | \$122,000        |
| <b>GRAND TOTAL:</b> |                             |              |         |         |         | <b>\$122,000</b> |         |                             | <b>\$122,000</b> |

**Comments:** The funds will be used to hire an engineering consultant to perform the condition assessment of the two storm stations and make recommendations for improvements.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is an impact on the operating budget for the cost of the task order to the consultant.

### Cost Estimate Justification:

The justification for the cost estimate is based on an analysis performed by a city consultant, Hazen and Sawyer, of the man-hours and fees required to perform a condition assessment of the 2 pump stations. This project will affect approximately 500 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 0  
**Construction / Closeout:** 0



# SE 1 & 2 STREETS, WEST OF US1 STORMWATER IMPROVEME

## PROJECT#: FY 20200827

**Project Mgr:** TBD **Department:** Public Works **Address:** SE 1 & 2 Streets, West of US1 Stormwater Imp  
**Fund:** 470 Stormwater **City:** Fort Lauderdale  
**District:** ☐ I ☐ II ☐ III ☒ IV **State:** FL  
**Zip:** 33301

**Description:** This project is to provide stormwater improvements for SE 1 and 2 Streets, West of US1 and adjacent streets in Riverwalk District/Neighborhood

**Justification:** The existing stormwater system is inadequate to serve this area. Modification of the existing stormwater infrastructure, design and construction of new facilities will be needed to provide the level of service needed and to comply with current City engineering standards.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023          | FY 2024          | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|---------|------------------|------------------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6501  |              |         |         |         |                  | \$90,000         |                             | \$90,000         |
| Stormwater   ENGINEERING FEES            |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6534  |              |         |         |         |                  | \$5,000          |                             | \$5,000          |
| Stormwater   CONSTRUCTION                |       |              |         |         |         |                  |                  |                             |                  |
| 470                                      | 6599  |              |         |         |         | \$147,000        | \$305,000        |                             | \$452,000        |
| Total Fund 470:                          |       |              |         |         |         | \$147,000        | \$400,000        |                             | \$547,000        |
| <b>GRAND TOTAL:</b>                      |       |              |         |         |         | <b>\$147,000</b> | <b>\$400,000</b> |                             | <b>\$547,000</b> |

**Comments:** The funds will be used to hire an engineering consultant to perform the condition assessment of the two storm stations and make recommendations for improvements.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is an impact on the operating budget for the cost of the task order to the consultant.

### Cost Estimate Justification:

The cost estimate is based on a preliminary schematic design of the improvements and the known line item costs from similar stormwater projects our department has executed within the last 2 years. This project will affect approximately 200 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 0

**Construction / Closeout:** 2



# PLANT A STORMWATER TREATMENT FACILITY UPGRADES

**PROJECT#: FY20180603**

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 1901 NW 6 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project will provide upgrades addressing environmental, sustainability, and stormwater issues for the Plant A facility site . The upgrades include stormwater infrastructure, recycling, debris collection, and water quality treatment.

**Justification:** Stormwater improvements and debris management upgrades for the Plant A facility are necessary to improve resiliency to climate change, and it will establish sustainable debris management process from stormwater runoff .

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Utilities

## Project Funding Summary:

| SOURCE                                   | USAGE | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------------|-------|--------------|---------|---------|------------------|---------|---------|-----------------------------|------------------|
| Stormwater   FORCE CHARGES / ENGINEERING |       |              |         |         |                  |         |         |                             |                  |
| 470                                      | 6501  |              |         |         | \$242,992        |         |         |                             | \$242,992        |
| Stormwater   CONSTRUCTION                |       |              |         |         |                  |         |         |                             |                  |
| 470                                      | 6599  |              |         |         |                  |         |         | \$1,211,984                 | \$0              |
| Total Fund 470:                          |       |              |         |         | \$242,992        |         |         | \$1,211,984                 | \$242,992        |
| <b>GRAND TOTAL:</b>                      |       |              |         |         | <b>\$242,992</b> |         |         | <b>\$1,211,984</b>          | <b>\$242,992</b> |

## Comments:

## Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                             |                  |
| CHAR 10                      |              |         |         |         |         |         |                             | \$0              |
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                             |                  |
| CHAR 10                      |              |         |         |         |         |         |                             | \$0              |
| <b>TOTAL</b>                 |              |         |         |         |         |         |                             | <b>\$0</b>       |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

## Cost Estimate Justification:

Cost estimates are based on industry standard. This project affects parcels citywide.

## Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Improve climate change resiliency by incorporating local, regional and mega-regional plans

## Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3





# BAYVIEW DR. FROM SUNRISE BLVD.TO OAKLAND PARK BLVD

## PROJECT#: FY20180604

**Project Mgr:** Juan Carlos Samuel x6323  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** Bayview Dr between Sunrise Blvd and Oakland  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project is for the installation of new stormwater infrastructure and tidal control systems to address documented flooding issues along Bayview Drive.

**Justification:** This project will address infrastructure improvements to reduce flooding and adapt to sea level rise.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|------------------|------------------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |                  |                  |         |         |                             |                  |
| 470                 | 6501                        |              |         | \$195,588        |                  |         |         |                             | \$195,588        |
| Stormwater          | ENGINEERING FEES            |              |         |                  |                  |         |         |                             |                  |
| 470                 | 6534                        |              |         | \$115,051        |                  |         |         |                             | \$115,051        |
| Stormwater          | CONSTRUCTION                |              |         |                  |                  |         |         |                             |                  |
| 470                 | 6599                        |              |         | \$381,381        | \$233,771        |         |         |                             | \$615,152        |
| Total Fund 470:     |                             |              |         | \$692,020        | \$233,771        |         |         |                             | \$925,791        |
| <b>GRAND TOTAL:</b> |                             |              |         | <b>\$692,020</b> | <b>\$233,771</b> |         |         |                             | <b>\$925,791</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022        | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------|--------------|---------|---------|----------------|---------|---------|-----------------------------|------------------|
| Incr./(Dec.) Personnel Costs |              |         |         |                |         |         |                             |                  |
| CHAR 10                      |              |         |         | \$7,437        |         |         |                             | \$7,437          |
| <b>TOTAL</b>                 |              |         |         | <b>\$7,437</b> |         |         |                             | <b>\$7,437</b>   |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 1000+ single family parcels impacted by flooding and Bayview drive is a major thoroughfare that floods during high tides.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## DOWNTOWN TIDAL VALVES - #30-42

### PROJECT#: FY20180605

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Between S Andrews Avenue and SE 5th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the installation of tidal valves and other stormwater infrastructure to alleviate tidal flooding near downtown Fort Lauderdale.

**Justification:** This project will address tidal flooding issues at the site by installing tidal valves. In addition, this project increases resiliency on sea level rise, pedestrian, and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|------------------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |                  |         |         |                             |                  |
| 470                 | 6501                        |              |         |         | \$75,736         |         |         |                             | \$75,736         |
| Stormwater          | ENGINEERING FEES            |              |         |         |                  |         |         |                             |                  |
| 470                 | 6534                        |              |         |         | \$33,413         |         |         |                             | \$33,413         |
| Stormwater          | CONSTRUCTION                |              |         |         |                  |         |         |                             |                  |
| 470                 | 6599                        |              |         |         | \$249,213        |         |         |                             | \$249,213        |
| Total Fund 470:     |                             |              |         |         | \$358,362        |         |         |                             | \$358,362        |
| <b>GRAND TOTAL:</b> |                             |              |         |         | <b>\$358,362</b> |         |         |                             | <b>\$358,362</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |         |         |         |                             |                  |
| CHAR 10                             |              |         |         |         |         |         |                             | \$0              |
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |         |         |         |                             |                  |
| CHAR 10                             |              |         |         |         |         |         |                             | \$0              |
| <b>TOTAL</b>                        |              |         |         |         |         |         |                             | <b>\$0</b>       |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

#### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 20 - 30 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 1

**Construction / Closeout:** 2



## DOWNTOWN TIDAL VALVES - #11-19

### PROJECT#: FY20180606

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Between SW 4th Avenue and Nugent Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for the installation of tidal valves and other stormwater infrastructure to alleviate tidal flooding near downtown Fort Lauderdale.

**Justification:** This project will address tidal flooding issues at the site by installing tidal valves. In addition, this project increases resiliency on sea level rise, pedestrian, and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|---------------------|-----------------------------|--------------|---------|---------|------------------|---------|---------|-----------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |                  |         |         |                       |                  |
| 470                 | 6501                        |              |         |         | \$84,766         |         |         |                       | \$84,766         |
| Stormwater          | ENGINEERING FEES            |              |         |         |                  |         |         |                       |                  |
| 470                 | 6534                        |              |         |         | \$37,396         |         |         |                       | \$37,396         |
| Stormwater          | CONSTRUCTION                |              |         |         |                  |         |         |                       |                  |
| 470                 | 6599                        |              |         |         | \$275,772        |         |         |                       | \$275,772        |
| Total Fund 470:     |                             |              |         |         | \$397,934        |         |         |                       | \$397,934        |
| <b>GRAND TOTAL:</b> |                             |              |         |         | <b>\$397,934</b> |         |         |                       | <b>\$397,934</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                       |               |
| CHAR 10                      |              |         |         |         |         |         |                       | \$0           |
| <b>TOTAL</b>                 |              |         |         |         |         |         |                       | <b>\$0</b>    |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

#### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 20 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## DOWNTOWN TIDAL VALVES - #1-10

### PROJECT#: FY20180607

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☒ IV  
**Address:** Between SW 12th Avenue and SW 7th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33312

**Description:** This project is for the installation of tidal valves and other stormwater infrastructure to alleviate tidal flooding near downtown Fort Lauderdale.

**Justification:** This project will address tidal flooding issues at the site by installing tidal valves. In addition, this project increases resiliency on sea level rise, pedestrian and vehicles safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|------------------|---------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |                  |         |         |         |                             |                  |
| 470                 | 6501                        |              |         | \$80,445         |         |         |         |                             | \$80,445         |
| Stormwater          | ENGINEERING FEES            |              |         |                  |         |         |         |                             |                  |
| 470                 | 6534                        |              |         | \$35,491         |         |         |         |                             | \$35,491         |
| Stormwater          | CONSTRUCTION                |              |         |                  |         |         |         |                             |                  |
| 470                 | 6599                        |              |         | \$263,064        |         |         |         |                             | \$263,064        |
| Total Fund 470:     |                             |              |         | \$379,000        |         |         |         |                             | \$379,000        |
| <b>GRAND TOTAL:</b> |                             |              |         | <b>\$379,000</b> |         |         |         |                             | <b>\$379,000</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                             |                  |
| CHAR 10                      |              |         |         |         |         |         |                             | \$0              |
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                             |                  |
| CHAR 10                      |              |         |         |         |         |         |                             | \$0              |
| <b>TOTAL</b>                 |              |         |         |         |         |         |                             | <b>\$0</b>       |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

#### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 20-30 single family parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 1

**Construction / Closeout:** 2



# NE 16TH STREET STORMWATER IMPROVEMENTS

## PROJECT#: FY20180608

**Project Mgr:** Juan Carlos Samuel x6323  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** NE 16th Street Between 4th Avenue and 5th Te  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project is for the installation of stormwater infrastructure to alleviate stormwater flooding on NE 16th Street between NE 4th & 5th Avenues adjacent to Fort Lauderdale High School.

**Justification:** This project will address tidal flooding issues at the site by installing tidal valves. In addition, this project increases resiliency on sea level rise, pedestrian and vehicles safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021          | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|------------------|---------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |                  |         |         |         |                             |                  |
| 470                 | 6501                        |              |         | \$22,432         |         |         |         |                             | \$22,432         |
| Stormwater          | ENGINEERING FEES            |              |         |                  |         |         |         |                             |                  |
| 470                 | 6534                        |              |         | \$10,557         |         |         |         |                             | \$10,557         |
| Stormwater          | CONSTRUCTION                |              |         |                  |         |         |         |                             |                  |
| 470                 | 6599                        |              |         | \$76,687         |         |         |         |                             | \$76,687         |
| Total Fund 470:     |                             |              |         | \$109,676        |         |         |         |                             | \$109,676        |
| <b>GRAND TOTAL:</b> |                             |              |         | <b>\$109,676</b> |         |         |         |                             | <b>\$109,676</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023        | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|---------|----------------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |         |                |         |                             |                  |
| CHAR 10                             |              |         |         |         | \$1,534        |         |                             | \$1,534          |
| <i>Incr./(Dec.) Personnel Costs</i> |              |         |         |         |                |         |                             |                  |
| CHAR 10                             |              |         |         |         |                |         |                             | \$0              |
| <b>TOTAL</b>                        |              |         |         |         | <b>\$1,534</b> |         |                             | <b>\$1,534</b>   |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project will affect approximately 20+ single family parcels impacted by flooding.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 1

**Construction / Closeout:** 2



## DOWNTOWN TIDAL VALVES - #20-29

### PROJECT#: FY20180610

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Between Nugent Avenue and S Andrews Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the installation of tidal valves and other stormwater infrastructure to alleviate tidal flooding near downtown Fort Lauderdale.

**Justification:** This project will address tidal flooding issues at the site by installing tidal valves. In addition, this project increases resiliency on sea level rise, pedestrian and vehicles safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|---------------------|-----------------------------|--------------|---------|---------|------------------|---------|---------|-----------------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |                  |         |         |                             |                  |
| 470                 | 6501                        |              |         |         | \$68,230         |         |         |                             | \$68,230         |
| Stormwater          | ENGINEERING FEES            |              |         |         |                  |         |         |                             |                  |
| 470                 | 6534                        |              |         |         | \$30,101         |         |         |                             | \$30,101         |
| Stormwater          | CONSTRUCTION                |              |         |         |                  |         |         |                             |                  |
| 470                 | 6599                        |              |         |         | \$227,135        |         |         |                             | \$227,135        |
| Total Fund 470:     |                             |              |         |         | \$325,466        |         |         |                             | \$325,466        |
| <b>GRAND TOTAL:</b> |                             |              |         |         | <b>\$325,466</b> |         |         |                             | <b>\$325,466</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                             |                  |
| CHAR 10                      |              |         |         |         |         |         |                             | \$0              |
| <b>TOTAL</b>                 |              |         |         |         |         |         |                             | <b>\$0</b>       |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

#### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project affects approximately 20 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



## DOWNTOWN TIDAL VALVES - #43-54

### PROJECT#: FY20180616

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Between SE 5th Avenue and SE 15th Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the installation of tidal valves and other stormwater infrastructure to alleviate tidal flooding near downtown Fort Lauderdale.

**Justification:** The project will address documented stormwater flooding issues at the site by installing new stormwater infrastructure.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|---------------------|-----------------------------|--------------|---------|---------|------------------|---------|---------|-----------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |                  |         |         |                       |                  |
| 470                 | 6501                        |              |         |         | \$81,866         |         |         |                       | \$81,866         |
| Stormwater          | ENGINEERING FEES            |              |         |         |                  |         |         |                       |                  |
| 470                 | 6534                        |              |         |         | \$36,118         |         |         |                       | \$36,118         |
| Stormwater          | CONSTRUCTION                |              |         |         |                  |         |         |                       |                  |
| 470                 | 6599                        |              |         |         | \$267,241        |         |         |                       | \$267,241        |
| Total Fund 470:     |                             |              |         |         | \$385,225        |         |         |                       | \$385,225        |
| <b>GRAND TOTAL:</b> |                             |              |         |         | <b>\$385,225</b> |         |         |                       | <b>\$385,225</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

#### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                       |               |
| CHAR 10                      |              |         |         |         |         |         |                       | \$0           |
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                       |               |
| CHAR 10                      |              |         |         |         |         |         |                       | \$0           |
| <b>TOTAL</b>                 |              |         |         |         |         |         |                       | <b>\$0</b>    |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

#### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project affects 20 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 1

**Construction / Closeout:** 2



# DOWNTOWN RIVERWALK TIDAL VALVES - HIMMARSHEE ST.

## PROJECT#: FY20180617

**Project Mgr:** Dronix Suarez x6982  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** Outfalls located at Himmarshee Canals  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project is for the installation of tidal valves and other stormwater infrastructure to alleviate tidal flooding near Downtown Fort Lauderdale in the Riverwalk District.

**Justification:** The project will address documented stormwater flooding issues at the site by installing new stormwater infrastructure.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE              | USAGE                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022          | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|---------------------|-----------------------------|--------------|---------|---------|------------------|---------|---------|-----------------------|------------------|
| Stormwater          | FORCE CHARGES / ENGINEERING |              |         |         |                  |         |         |                       |                  |
| 470                 | 6501                        |              |         |         | \$40,535         |         |         |                       | \$40,535         |
| Stormwater          | ENGINEERING FEES            |              |         |         |                  |         |         |                       |                  |
| 470                 | 6534                        |              |         |         | \$17,884         |         |         |                       | \$17,884         |
| Stormwater          | CONSTRUCTION                |              |         |         |                  |         |         |                       |                  |
| 470                 | 6599                        |              |         |         | \$140,429        |         |         |                       | \$140,429        |
| Total Fund 470:     |                             |              |         |         | \$198,848        |         |         |                       | \$198,848        |
| <b>GRAND TOTAL:</b> |                             |              |         |         | <b>\$198,848</b> |         |         |                       | <b>\$198,848</b> |

**Comments:** Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Impact On Operating Budget:

| IMPACT                       | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------|---------------|
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                       |               |
| CHAR 10                      |              |         |         |         |         |         |                       | \$0           |
| Incr./(Dec.) Personnel Costs |              |         |         |         |         |         |                       |               |
| CHAR 10                      |              |         |         |         |         |         |                       | \$0           |
| <b>TOTAL</b>                 |              |         |         |         |         |         |                       | <b>\$0</b>    |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded.

### Cost Estimate Justification:

This cost estimate takes into account cost increase factors such as: 1) Meeting the water quality regulatory requirements, 2) Meeting City roadway flood protection criteria (1 Day-10 Year storm), 3) a 2% Per Year inflation factor, and 4) a staff hourly rate of \$146 per hour. This project affects approximately 20-30 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 2





## BREAKERS AVENUE ROAD IMPROVEMENTS

### PROJECT#: 12435

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Breakers Avenue between Vistamar and Rioma  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This is a Commission Annual Action Plan (CAAP) priority project that includes streetscape and roadway improvements on Breakers Avenue enhancing the area's walk-ability and businesses. This project is intended to be constructed alongside a Transportation and Mobility department's streetscape improvement project that will interconnect the existing drainage system in the area, ensuring flood protection, runoff conveyance and rehabilitation of the water and wastewater system on Breakers Avenue to re-establish their expected service life.

**Justification:** The existing stormwater system is inadequate to serve this area and the water and wastewater system is aged and in need of improvement. Modification of the existing stormwater infrastructure and design and construction of new facilities will be needed to provide the level of service needed and to comply with current City engineering standards.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$ | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|---------------------------------------------------|-------|--------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i> |       |              |                    |         |         |         |         |                             |                    |
| 454                                               | 6599  |              | \$1,010,000        |         |         |         |         |                             | \$1,010,000        |
| Total Fund 454:                                   |       |              | \$1,010,000        |         |         |         |         |                             | \$1,010,000        |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>     |       |              |                    |         |         |         |         |                             |                    |
| 471                                               | 6599  |              | \$1,268,000        |         |         |         |         |                             | \$1,268,000        |
| Total Fund 471:                                   |       |              | \$1,268,000        |         |         |         |         |                             | \$1,268,000        |
| <b>GRAND TOTAL:</b>                               |       |              | <b>\$2,278,000</b> |         |         |         |         |                             | <b>\$2,278,000</b> |

**Comments:** The funds will be used to hire an engineering consultant to perform the condition assessment of the two storm stations and make recommendations of improvements.

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** There is a impact on the operating budget for the cost of the task order to the consultant.

#### Cost Estimate Justification:

The cost estimate is based on a preliminary schematic design of the improvements and the known line item costs from similar stormwater projects our department has executed within the last 2 years. This project will affect approximately 25 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Reduce flooding and adapt to sea level rise

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 3  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# DORSEY RIVERBEND AREA STORMWATER IMPROVEMENTS

## PROJECT#: 11845

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** Dorsey Riverbend Area  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project consists of providing improved stormwater infrastructure for the Dorsey Riverbend Neighborhood area. This project will include a survey, conceptual and final design, and hydraulic modeling. Construction is currently unfunded. This area is bound by NW 6 Street to the north, NW 7 Avenue to east, I-95 to the west, and Broward Boulevard to the south.

**Justification:** The Dorsey Riverbend neighborhood has experienced repetitive losses and several complaints have been reported. The area has undersized infrastructure, low ground elevations and minimal pervious green area, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood, which will increase pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$36,823        |                     |         |         |         |         |                             | \$36,823            |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(588,465)     |                     |         |         |         |         |                             | \$(588,465)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$199,834       |                     |         |         |         |         |                             | \$199,834           |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$386,869       |                     |         |         |         |         |                             | \$386,869           |
| Total Fund 470:                                              |       | \$35,061        |                     |         |         |         |         |                             | \$35,061            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$20,000,000    |                     |         |         |         |         |                             | \$20,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$850,000       |                     |         |         |         |         |                             | \$850,000           |
| Total Fund 471:                                              |       | \$20,945,000    |                     |         |         |         |         |                             | \$20,945,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$35,061</b> | <b>\$20,945,000</b> |         |         |         |         |                             | <b>\$20,980,061</b> |

**Comments:** Construction costs are unfunded, \$14,040,000

### Impact On Operating Budget:

| IMPACT                             | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|------------------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./Dec.) Operating Costs</i> |              |                  |         |         |         |         |                             |                  |
| CHAR 30                            |              | \$280,800        |         |         |         |         |                             | \$280,800        |
| <b>TOTAL</b>                       |              | <b>\$280,800</b> |         |         |         |         |                             | <b>\$280,800</b> |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 750+ single/multi family parcels in the Dorsey Riverbend neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 7  
**Bidding / Award:** 0  
**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



## DURRS AREA STORMWATER IMPROVEMENTS

**PROJECT#: 11844**

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** NW 8 Street & NW 15 Terrace  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33311

**Description:** This project consists of providing improved stormwater infrastructure for the Durrs Neighborhood area. This area is bound by NW 6 Street to the south, NW 5 Avenue to the east, I-95 to the west, and Sunrise Boulevard to the north. This project will include a survey, conceptual and final design, hydraulic modeling, and permitting. Construction is currently unfunded.

**Justification:** The Durrs Area Neighborhood has experienced repetitive losses and several complaints have been reported. The area has undersized infrastructure, low ground elevations and minimal pervious green area, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood, which will increase pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|-------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| Stormwater   FORCE CHARGES / ENGINEERING              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6501  | \$42,785        |                     |         |         |         |         |                             | \$42,785            |
| Stormwater   ENGINEERING FEES                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6534  | \$(327,226)     |                     |         |         |         |         |                             | \$(327,226)         |
| Stormwater   ADMINISTRATION                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6550  | \$199,737       |                     |         |         |         |         |                             | \$199,737           |
| Stormwater   CONSTRUCTION                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                   | 6599  | \$150,000       |                     |         |         |         |         |                             | \$150,000           |
| Total Fund 470:                                       |       | \$65,296        |                     |         |         |         |         |                             | \$65,296            |
| Stormwater Revenue Bond   CONSTRUCTION                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                   | 6599  | \$21,000,000    |                     |         |         |         |         |                             | \$21,000,000        |
| Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                   | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| Stormwater Revenue Bond   ENGINEERING FEES            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                   | 6534  | \$850,000       |                     |         |         |         |         |                             | \$850,000           |
| Total Fund 471:                                       |       | \$21,945,000    |                     |         |         |         |         |                             | \$21,945,000        |
| <b>GRAND TOTAL:</b>                                   |       | <b>\$65,296</b> | <b>\$21,945,000</b> |         |         |         |         |                             | <b>\$22,010,296</b> |

**Comments:** Construction costs are unfunded \$15,600,000.

### Impact On Operating Budget:

| IMPACT                      | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-----------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| Incr./Dec.) Operating Costs |              |         |         |         |         |         |                             |                  |
| CHAR 30                     |              |         |         |         |         |         |                             | \$0              |
| TOTAL                       |              |         |         |         |         |         |                             | \$0              |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 750+ single/multi family parcels in the Durrs neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0

**Design / Permitting:** 7

**Bidding / Award:** 0

**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



# EDGEWOOD AREA STORMWATER IMPROVEMENTS

## PROJECT#: 11842

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** 900 SW 32 Court  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** This project consists of providing new stormwater infrastructure for the Edgewood Neighborhood area. This project will include a survey, conceptual and final design, hydraulic modeling, permitting, and construction. This area is bound by State Road 84 to the north, Florida East Coast railroad to the east, I-95 to the west, and I-595 to the south.

**Justification:** The Edgewood Neighborhood was identified as a priority flooding area in the Stormwater Master Plan prepared by CDM Smith in August 2009. Numerous repetitive losses and complaints have been reported. The area lacks infrastructure, has low ground elevations, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood. This will increase life safety due to decreased home flooding and increased pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$321,520       |                     |         |         |         |         |                             | \$321,520           |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(725,803)     |                     |         |         |         |         |                             | \$(725,803)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(574)         |                     |         |         |         |         |                             | \$(574)             |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$500,000       |                     |         |         |         |         |                             | \$500,000           |
| Total Fund 470:                                              |       | \$95,143        |                     |         |         |         |         |                             | \$95,143            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$30,100,000    |                     |         |         |         |         |                             | \$30,100,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000       |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$31,145,000    |                     |         |         |         |         |                             | \$31,145,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$95,143</b> | <b>\$31,145,000</b> |         |         |         |         |                             | <b>\$31,240,143</b> |

**Comments:** \$34,840,000 in Construction costs are unfunded.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                  |         |         |         |         |                             |                  |
| CHAR 30                             |              | \$696,800        |         |         |         |         |                             | \$696,800        |
| <b>TOTAL</b>                        |              | <b>\$696,800</b> |         |         |         |         |                             | <b>\$696,800</b> |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean-outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 500+ single family/multi-family parcels and 150+ commercial parcels in the Edgewood neighborhood.

| Strategic Connections: |                                             | Quarters To Perform Each Task: |   |
|------------------------|---------------------------------------------|--------------------------------|---|
| Cylinder:              | Infrastructure                              | Initiation / Planning:         | 0 |
|                        |                                             | Design / Permitting:           | 7 |
| Strategic Goals:       | Be a sustainable and resilient community    | Bidding / Award:               | 0 |
|                        |                                             | Construction / Closeout:       | 0 |
| Objectives:            | Reduce flooding and adapt to sea level rise |                                |   |



# METERSHOP AND STORMWATER OPERATIONS FACILITY

## PROJECT#: 12446

**Project Mgr:** Jose Custodio x5248  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 6001 Hawkins Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33309

**Description:** This project is for the Design-Build Construction of a new facility (offices and storage) and new access roads for the stormwater operations team and the water meter shop team. Work to include site improvements and will be located at 6001 Hawkins Road, Fort Lauderdale.

**Justification:** The property where the original Meter Shop Facility was located has been sold and Stormwater Operations Crew has grown and now exceeds the capacity of their available space at the Central Maintenance Services (CMS) site. Current City facilities does not have the capacity nor were designed to store the equipment and offices for these crews.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** CityFacilities

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|--------------------------------------------------------------|-------|-----------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>        |       |                 |                    |         |         |         |         |                             |                    |
| 454                                                          | 6534  | \$(23,870)      |                    |         |         |         |         |                             | \$(23,870)         |
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>            |       |                 |                    |         |         |         |         |                             |                    |
| 454                                                          | 6599  | \$32,500        | \$1,954,622        |         |         |         |         |                             | \$1,987,122        |
| Total Fund 454:                                              |       | \$8,630         | \$1,954,622        |         |         |         |         |                             | \$1,963,252        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                    |         |         |         |         |                             |                    |
| 471                                                          | 6501  |                 | \$25,000           |         |         |         |         |                             | \$25,000           |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                    |         |         |         |         |                             |                    |
| 471                                                          | 6534  | \$(23,870)      | \$100,000          |         |         |         |         |                             | \$76,130           |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                    |         |         |         |         |                             |                    |
| 471                                                          | 6599  | \$32,500        | \$1,829,622        |         |         |         |         |                             | \$1,862,122        |
| Total Fund 471:                                              |       | \$8,630         | \$1,954,622        |         |         |         |         |                             | \$1,963,252        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$17,260</b> | <b>\$3,909,244</b> |         |         |         |         |                             | <b>\$3,926,504</b> |

**Comments:** Design-Build Construction

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No

### Cost Estimate Justification:

Cost Estimate was prepared by City's Consultant, based on site plan, floor plan developed with City's input. This project affects one parcel and the service provided is City-wide.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 2  
**Construction / Closeout:** 4





# PROGRESSO AREA STORMWATER IMPROVEMENTS

## PROJECT#: 11843

**Project Mgr:** Rares Petrica x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** Sunrise Blvd/FEC RR/NW 11th Ave/Broward Bl  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project consists of providing improved stormwater infrastructure in the Progresso Neighborhood Area. This area is bound by Sunrise Boulevard to the north, Florida East Coast Rail Road to the east, NW 11th Avenue to the west, and Broward Boulevard to the south.

**Justification:** The Progresso Neighborhood Area was identified as a priority flooding area in the Stormwater Master Plan prepared by CDM Smith in 2009. Numerous repetitive losses and several complaints have been reported. The area has undersized infrastructure, low ground elevations, and minimal permeable green area. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood, which will increase pedestrian and vehicle safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$36,975        |                     |         |         |         |         |                             | \$36,975            |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(453,486)     |                     |         |         |         |         |                             | \$(453,486)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(300)         |                     |         |         |         |         |                             | \$(300)             |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$450,000       |                     |         |         |         |         |                             | \$450,000           |
| Total Fund 470:                                              |       | \$33,189        |                     |         |         |         |         |                             | \$33,189            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$27,000,000    |                     |         |         |         |         |                             | \$27,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000       |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$28,045,000    |                     |         |         |         |         |                             | \$28,045,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$33,189</b> | <b>\$28,045,000</b> |         |         |         |         |                             | <b>\$28,078,189</b> |

**Comments:** \$24,440,000 construction costs are unfunded.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|---------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |         |         |         |         |         |                             |                  |
| CHAR 30                             |              |         |         |         |         |         |                             | \$0              |
| TOTAL                               |              |         |         |         |         |         |                             | \$0              |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project affects approximately 1000+ single family/multi-family and commercial parcels in the Progresso neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 7  
**Bidding / Award:** 0  
**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



# RIVER OAKS STORMWATER NEIGHBORHOOD AND PRESERVE

## PROJECT#: 11868

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☐ III ☒ IV  
**Address:** SW 12 Avenue & SW 21 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** This project consists of designing a new Stormwater system, Stormwater preserve park, wetland area, and related park amenities for the River Oaks neighborhood. This project will include conceptual and final design and permitting. The construction phase is currently unfunded. The River Oaks neighborhood in Fort Lauderdale is one of the oldest communities in the City. Most of the development was built without the required permitting through the Florida Department of Environmental Protection or South Florida Water Management District. As a result, requirements for detention/retention, water quality, and limited discharge were not implemented in the development of the area. This area has been studied and it was determined the only way to significantly reduce flooding is to use land to temporarily store the stormwater. This will decrease flooding and increase residents' safety.

**Justification:** A task order will be created to request the following: topographical information, a hydraulic analysis, a conceptual design, and a cost estimate to construct a storm water management system in the River Oaks Neighborhood. The project will provide water quality treatment and flood protection to the River Oaks neighborhood. The project addresses a statewide interest and produces measurable results pursuant to Chapter 216.052(1), Florida Statute. The project provides hydrological restoration and enhancement of a wetland area historically discharged into the South Fork of the New River, which is an Impaired Water- Water Body Identification Number (WBID) 32777A.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$    | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|-----------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$92,211        |                     |         |         |         |         |                             | \$92,211            |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(262,512)     |                     |         |         |         |         |                             | \$(262,512)         |
| <i>Stormwater   TESTING SERVICES</i>                         |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6546  | \$(4,115)       |                     |         |         |         |         |                             | \$(4,115)           |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(915)         |                     |         |         |         |         |                             | \$(915)             |
| <i>Stormwater   PROJECT CONTINGENCIES</i>                    |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6598  | \$21,025        |                     |         |         |         |         |                             | \$21,025            |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                 |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$207,447       |                     |         |         |         |         |                             | \$207,447           |
| Total Fund 470:                                              |       | \$53,141        |                     |         |         |         |         |                             | \$53,141            |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$38,000,000    |                     |         |         |         |         |                             | \$38,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000        |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                 |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000       |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$39,045,000    |                     |         |         |         |         |                             | \$39,045,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$53,141</b> | <b>\$39,045,000</b> |         |         |         |         |                             | <b>\$39,098,141</b> |

**Comments:** Construction costs are currently unfunded. This project was previously in Community Investment Plan FY17 under FY20170510.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|-------------------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                  |         |         |         |         |                             |                  |
| CHAR 30                             |              | \$322,400        |         |         |         |         |                             | \$322,400        |
| <b>TOTAL</b>                        |              | <b>\$322,400</b> |         |         |         |         |                             | <b>\$322,400</b> |

**Comments:** The estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

**Cost Estimate Justification:**

Updated costs reflect detailed 100% design cost estimates. This project affects 1000+ single/multi family parcels in the River Oaks neighborhood.

**Strategic Connections:**

|                  |                                             |
|------------------|---------------------------------------------|
| Cylinder:        | Infrastructure                              |
| Strategic Goals: | Be a sustainable and resilient community    |
| Objectives:      | Reduce flooding and adapt to sea level rise |

**Quarters To Perform Each Task:**

|                          |   |
|--------------------------|---|
| Initiation / Planning:   | 0 |
| Design / Permitting:     | 7 |
| Bidding / Award:         | 0 |
| Construction / Closeout: | 0 |



# SOUTHEAST ISLES TIDAL AND STORMWATER IMPROVEMENTS

## PROJECT#: 12074

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 2109 E Las Olas Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The purpose for this Southeast Isles project is to retrofit approximately 230 stormwater outfall locations with tidal back flow valves which is necessary to alleviate tidal flooding in the neighborhoods located in the southeastern portion of Fort Lauderdale. The neighborhoods include Las Olas Isles, Seven Isles, Venice Isles, Nurmi Isles, Idlewyld, Sunrise Key, Navarro Isles, Riviera Isles, Rio Vista, Lauderdale Harbors, Harbordale, and Harbor Beach. Additional infrastructure improvements will also be provided to address stormwater flooding.

**Justification:** The Southeast Isles neighborhood contains primarily residential homes adjacent to canals tidally influenced. Due to low ground elevations, tidal water flows back through the outfall pipes and floods roadways, primarily during high tide. With increased sea levels, the prevention of tidal back flows is vital to protect the Isles neighborhoods.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                                       | USAGE | AVAILABLE \$     | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING    |
|--------------------------------------------------------------|-------|------------------|---------------------|---------|---------|---------|---------|-----------------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>              |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6501  | \$111,665        |                     |         |         |         |         |                             | \$111,665           |
| <i>Stormwater   ENGINEERING FEES</i>                         |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6534  | \$(402,348)      |                     |         |         |         |         |                             | \$(402,348)         |
| <i>Stormwater   ADMINISTRATION</i>                           |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6550  | \$(1,448)        |                     |         |         |         |         |                             | \$(1,448)           |
| <i>Stormwater   CONSTRUCTION</i>                             |       |                  |                     |         |         |         |         |                             |                     |
| 470                                                          | 6599  | \$629,520        |                     |         |         |         |         |                             | \$629,520           |
| Total Fund 470:                                              |       | \$337,389        |                     |         |         |         |         |                             | \$337,389           |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>                |       |                  |                     |         |         |         |         |                             |                     |
| 471                                                          | 6599  | \$43,000,000     |                     |         |         |         |         |                             | \$43,000,000        |
| <i>Stormwater Revenue Bond   FORCE CHARGES / ENGINEERING</i> |       |                  |                     |         |         |         |         |                             |                     |
| 471                                                          | 6501  | \$95,000         |                     |         |         |         |         |                             | \$95,000            |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i>            |       |                  |                     |         |         |         |         |                             |                     |
| 471                                                          | 6534  | \$950,000        |                     |         |         |         |         |                             | \$950,000           |
| Total Fund 471:                                              |       | \$44,045,000     |                     |         |         |         |         |                             | \$44,045,000        |
| <b>GRAND TOTAL:</b>                                          |       | <b>\$337,389</b> | <b>\$44,045,000</b> |         |         |         |         |                             | <b>\$44,382,389</b> |

**Comments:** Construction costs are estimated to be \$30,000 per outfall retrofit plus a 2% per year inflation factor for a total of 7,407,717. Construction costs are currently unfunded.

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------|--------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                    |         |         |         |         |                             |                    |
| CHAR 30                             |              | \$1,365,200        |         |         |         |         |                             | \$1,365,200        |
| <b>TOTAL</b>                        |              | <b>\$1,365,200</b> |         |         |         |         |                             | <b>\$1,365,200</b> |

**Comments:** The annual estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project will affect approximately 1000+ single/multi family parcels in the Southeast Isles area.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 7  
**Bidding / Award:** 0  
**Construction / Closeout:** 0

**Objectives:** Reduce flooding and adapt to sea level rise



# VICTORIA PARK TIDAL AND STORMWATER IMPROVEMENTS

## PROJECT#: 12082

**Project Mgr:** Rares Petrica  
x6720  
**Department:** Public Works  
**Fund:** 470 Stormwater  
**District:** ☐ I ☐ II ☒ III ☐ IV  
**Address:** 2000 NE 7 Street  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project will provide improved stormwater infrastructure for the Victoria Park Neighborhood area. This area is bound by Sunrise Boulevard to the north, Middle River to east, Federal Highway to the west, and Broward Boulevard to the south. This project will include a survey, a conceptual and a final design, a hydraulic modeling, and construction.

**Justification:** The Victoria Park neighborhood was identified as a priority flooding area in the Stormwater Master Plan prepared by CDM Smith in August 2009. The area has experienced repetitive losses and several complaints have been reported. The area also has undersized infrastructure, low ground elevations and minimal pervious green area, and is tidally influenced. This project will improve the infrastructure in the area, address water quality, and provide flood protection for the neighborhood buildings. This increases residences, pedestrian, and vehicular safety.

**Source Of the Justification:** Stormwater Master Plan

**Project Type:** Stormwater

### Project Funding Summary:

| SOURCE                                            | USAGE | AVAILABLE \$     | FY 2020             | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING       |
|---------------------------------------------------|-------|------------------|---------------------|---------|---------|---------|---------|-----------------------|---------------------|
| <i>Stormwater   FORCE CHARGES / ENGINEERING</i>   |       |                  |                     |         |         |         |         |                       |                     |
| 470                                               | 6501  | \$370,400        |                     |         |         |         |         |                       | \$370,400           |
| <i>Stormwater   ENGINEERING FEES</i>              |       |                  |                     |         |         |         |         |                       |                     |
| 470                                               | 6534  | \$(1,874,732)    |                     |         |         |         |         |                       | \$(1,874,732)       |
| <i>Stormwater   CONSTRUCTION</i>                  |       |                  |                     |         |         |         |         |                       |                     |
| 470                                               | 6599  | \$1,607,000      |                     |         |         |         |         |                       | \$1,607,000         |
| Total Fund 470:                                   |       | \$102,668        |                     |         |         |         |         |                       | \$102,668           |
| <i>Stormwater Revenue Bond   CONSTRUCTION</i>     |       |                  |                     |         |         |         |         |                       |                     |
| 471                                               | 6599  |                  | \$19,000,000        |         |         |         |         |                       | \$19,000,000        |
| <i>Stormwater Revenue Bond   ENGINEERING FEES</i> |       |                  |                     |         |         |         |         |                       |                     |
| 471                                               | 6534  | \$850,000        |                     |         |         |         |         |                       | \$850,000           |
| Total Fund 471:                                   |       |                  | \$19,850,000        |         |         |         |         |                       | \$19,850,000        |
| <b>GRAND TOTAL:</b>                               |       | <b>\$102,668</b> | <b>\$19,850,000</b> |         |         |         |         |                       | <b>\$19,952,668</b> |

**Comments:** This funding request is for design. Construction costs are unfunded, \$36,400,000

### Impact On Operating Budget:

| IMPACT                              | AVAILABLE \$ | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|-------------------------------------|--------------|------------------|---------|---------|---------|---------|-----------------------|------------------|
| <i>Incr./(Dec.) Operating Costs</i> |              |                  |         |         |         |         |                       |                  |
| CHAR 30                             |              | \$728,000        |         |         |         |         |                       | \$728,000        |
| <b>TOTAL</b>                        |              | <b>\$728,000</b> |         |         |         |         |                       | <b>\$728,000</b> |

**Comments:** The annual estimate for operation and maintenance of the new facilities is 2% of construction and is currently unfunded. Estimated annual operating costs may include periodic clean outs, vacuum, swale reclamation, and maintenance inspection.

### Cost Estimate Justification:

Updated costs reflect detailed 100% design cost estimates. This project will affect approximately 1000+ single/multi family and commercial parcels in the Victoria Park neighborhood.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Reduce flooding and adapt to sea level rise

### Quarters To Perform Each Task:

**Initiation / Planning:** 0

**Design / Permitting:** 7

**Bidding / Award:** 0

**Construction / Closeout:** 0

# Water and Sewer Master Plan 2017 Fund CIP









# 16" FORCE MAIN ALONG LAS OLAS BLVD PHASE 2

**PROJECT#: 12390**

**Project Mgr:** Rohan Punit x5859  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** E Las Olas Blvd from Lido Rd. to Idlewyld Dr.  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project is for the replacement of a deteriorated 16 inch diameter sewer force main measuring approximately 3500 linear feet (LF) along Las Olas Blvd. from Lido Drive to Merle Fogg Park.

**Justification:** This existing 18 inch section of force main is one of the oldest in the City's system, and has far exceeded its life cycle, making it susceptible to breakage and possible sanitary sewer overflows (SSO). For these reasons, this section of force main has been identified for evaluation and rehabilitation as needed and has been identified as the "In-Kind" project in the Consent Order Agreement.

**Source Of the Justification:** Comprehensive Utility Strategic Master Plan, CAM  
15-0399 4/7/15

**Project Type:** Water Sewer

## Project Funding Summary:

| SOURCE                                                                  | USAGE | AVAILABLE \$       | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------------------------------------|-------|--------------------|---------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                       |       |                    |         |         |         |         |         |                             |                    |
| 454                                                                     | 6599  |                    |         |         |         |         |         | \$4,890,382                 | \$0                |
| Total Fund 454:                                                         |       |                    |         |         |         |         |         | \$4,890,382                 | \$0                |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i>                |       |                    |         |         |         |         |         |                             |                    |
| 495                                                                     | 6599  | \$2,500,000        |         |         |         |         |         |                             | \$2,500,000        |
| <i>Water &amp; Sewer Master Plan 2017   FORCE CHARGES / ENGINEERING</i> |       |                    |         |         |         |         |         |                             |                    |
| 495                                                                     | 6501  | \$(23,398)         |         |         |         |         |         |                             | \$(23,398)         |
| <i>Water &amp; Sewer Master Plan 2017   ENGINEERING FEES</i>            |       |                    |         |         |         |         |         |                             |                    |
| 495                                                                     | 6534  | \$(501,355)        |         |         |         |         |         |                             | \$(501,355)        |
| Total Fund 495:                                                         |       |                    |         |         |         |         |         |                             | \$1,975,248        |
| <b>GRAND TOTAL:</b>                                                     |       | <b>\$1,975,248</b> |         |         |         |         |         | <b>\$4,890,382</b>          | <b>\$1,975,248</b> |

**Comments:**

## Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

## Cost Estimate Justification:

Cost estimate based on the initial estimate provided in the Reiss report and additional funding needs resulting from City Project Management costs.

## Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

## Quarters To Perform Each Task:

**Initiation / Planning:** 1

**Design / Permitting:** 2

**Bidding / Award:** 2

**Construction / Closeout:** 3



# DAVIE BLVD. 18" WATER MAIN ABANDONMENT I95 TO SW 9

## PROJECT#: 12184

**Project Mgr:** Axel Rivera  
x5124  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** 300 Davie Boulevard  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33315

**Description:** A new 24-inch water main was installed to replace the old 18-inch cast iron water main under the Waterworks Program in 2005-2007 but the old main was never properly abandoned. This work will include identifying and relocating all the service lines currently tied to the 18-inch main and moving them to the 24-inch main. This work includes abandonment of approximately 7,788 linear feet of pipe to be abandoned from SW 18th Avenue to Andrews Avenue.

**Justification:** The old 18-inch cast iron water main has the potential to fail due to its age and condition. The pipe is oblong in shape, not circular. This condition makes repairs extremely difficult and they typically have to be performed by contract. Due to the sensitive location on a major east-west commuting route, this work should be completed before the pipe fails.

**Source Of the Justification:** 2035 Vision Plan: Fast Forward Fort Lauderdale

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                   | USAGE | AVAILABLE \$     | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|----------------------------------------------------------|-------|------------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>        |       |                  |                    |         |         |         |         |                             |                    |
| 454                                                      | 6599  | \$(161,750)      | \$1,500,000        |         |         |         |         |                             | \$1,338,250        |
| Total Fund 454:                                          |       | \$(161,750)      | \$1,500,000        |         |         |         |         |                             | \$1,338,250        |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i> |       |                  |                    |         |         |         |         |                             |                    |
| 495                                                      | 6599  | \$525,500        |                    |         |         |         |         |                             | \$525,500          |
| Total Fund 495:                                          |       | \$525,500        |                    |         |         |         |         |                             | \$525,500          |
| <b>GRAND TOTAL:</b>                                      |       | <b>\$363,750</b> | <b>\$1,500,000</b> |         |         |         |         |                             | <b>\$1,863,750</b> |

**Comments:** Abandon construction to source priority projects.

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:**

### Cost Estimate Justification:

City Engineering Fees includes project management (+/-20%) \$225,000, consultant fees \$500,000, survey \$50,000, City construction management fees and construction fees. This project affects parcels city wide.

### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 2  
**Bidding / Award:** 1  
**Construction / Closeout:** 3



# PROGRAM MANAGEMENT FOR THE WATER AND SEWER CONSENT

## PROJECT#: 12375

**Project Mgr:** Brandy Leighton x5326  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☒ II ☒ III ☒ IV  
**Address:** City-Wide  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:**

**Description:** This project will consist of retaining the services of a Program Manager Consulting Team to manage the Consent Order program for the duration of the program from FY 2019 to FY 2026. The scope consists of general program management services, programmatic reports, and other services as needed to ensure that the deliverables and deadlines are met within the specified timeframe in the Consent Order Agreement.

**Justification:** These services will be required in order to complete and deliver in a timely manner the projects and services outlined in the Consent Order Agreement between the City and Florida Department of Environmental Protection.

**Source Of the Justification:** Not identified in an approved plan

**Project Type:** Water Sewer

### Project Funding Summary:

| SOURCE                                                                | USAGE | AVAILABLE \$       | FY 2020          | FY 2021          | FY 2022          | FY 2023          | FY 2024          | BEYOND 5-YEAR HORIZON | TOTAL FUNDING      |
|-----------------------------------------------------------------------|-------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--------------------|
| <i>Central Region/Wastewater   ENGINEERING FEES</i>                   |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 451                                                                   | 6534  |                    | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$3,634,997           | \$1,872,790        |
| Total Fund 451:                                                       |       |                    | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$374,558        | \$3,634,997           | \$1,872,790        |
| <i>Water and Sewer Master Plan   ENGINEERING FEES</i>                 |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 454                                                                   | 6534  | \$500,000          | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$2,175,841           | \$3,067,210        |
| Total Fund 454:                                                       |       |                    | \$500,000        | \$513,442        | \$513,442        | \$513,442        | \$513,442        | \$2,175,841           | \$3,067,210        |
| <i>Water &amp; Sewer Master Plan 2017   ENGINEERING FEES</i>          |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 495                                                                   | 6534  | \$647,107          |                  |                  |                  |                  |                  |                       | \$647,107          |
| Total Fund 495:                                                       |       |                    | \$647,107        |                  |                  |                  |                  |                       | \$647,107          |
| <i>Water &amp; Sewer Regional Master Plan 2017   ENGINEERING FEES</i> |       |                    |                  |                  |                  |                  |                  |                       |                    |
| 496                                                                   | 6534  | \$32,586           |                  |                  |                  |                  |                  |                       | \$32,586           |
| Total Fund 496:                                                       |       |                    | \$32,586         |                  |                  |                  |                  |                       | \$32,586           |
| <b>GRAND TOTAL:</b>                                                   |       | <b>\$1,179,694</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$888,000</b> | <b>\$5,810,838</b>    | <b>\$5,619,694</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

### Comments:

### Cost Estimate Justification:

This cost estimate is based on a previous cost for items such as semiannual and corrective action cost reports; engineer's cost estimate for program management plan reports, procedures, and standards; consultant staff utilization rate; and staff hourly rate of \$146/hr. This estimate will cover program management cost through September 2026.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 18

**Design / Permitting:** 18

**Bidding / Award:** 0

**Construction / Closeout:** 0



## SEWER BASIN D-40 REHAB

### PROJECT#: 12456

**Project Mgr:** Luis Oliveira  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☒ I ☐ II ☐ III ☐ IV  
**Address:** 729 North Birch Road  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33301

**Description:** The project includes smoke testing of the sewer basin and any possible repairs needed as a result of the testing.

**Justification:** Eliminating any remaining inflow and infiltration into the gravity system of this basin

**Source Of the Justification:** Wastewater Master Plan (01/15/2008, CAR08-0093, M-4)  
**Project Type:** Stormwater

#### Project Funding Summary:

| SOURCE                                                   | USAGE | AVAILABLE \$     | FY 2020          | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND 5-YEAR HORIZON | TOTAL FUNDING    |
|----------------------------------------------------------|-------|------------------|------------------|---------|---------|---------|---------|-----------------------|------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>        |       |                  |                  |         |         |         |         |                       |                  |
| 454                                                      | 6599  |                  | \$146,636        |         |         |         |         |                       | \$146,636        |
| Total Fund 454:                                          |       |                  | \$146,636        |         |         |         |         |                       | \$146,636        |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i> |       |                  |                  |         |         |         |         |                       |                  |
| 495                                                      | 6599  | \$169,237        |                  |         |         |         |         |                       | \$169,237        |
| Total Fund 495:                                          |       |                  | \$169,237        |         |         |         |         |                       | \$169,237        |
| <b>GRAND TOTAL:</b>                                      |       | <b>\$169,237</b> | <b>\$146,636</b> |         |         |         |         |                       | <b>\$315,873</b> |

#### Comments:

#### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND 5-YEAR HORIZON | TOTAL FUNDING |
|--------------|--------------|-----------------------|---------------|
|              |              |                       | \$0           |
| <b>TOTAL</b> |              |                       | <b>\$0</b>    |

**Comments:** No budgetary impact.

#### Cost Estimate Justification:

Cost estimate is based on current contract prices and addresses any possible repairs needed as a result of the smoke testing. This project will affect approximately 519 parcels.

#### Strategic Connections:

**Cylinder:** Infrastructure  
**Strategic Goals:** Be a sustainable and resilient community  
**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

#### Quarters To Perform Each Task:

**Initiation / Planning:** 1  
**Design / Permitting:** 1  
**Bidding / Award:** 1  
**Construction / Closeout:** 2



# VICTORIA PARK SEWER BASIN A-19 REHAB

## PROJECT#: 11563

**Project Mgr:** Luis Olivera  
x5877  
**Department:** Public Works  
**Fund:** 454 Water and Sewer Master Plan  
**District:** ☐ I ☒ II ☐ III ☐ IV  
**Address:** 625 NE 19 Avenue  
**City:** Fort Lauderdale  
**State:** FL  
**Zip:** 33304

**Description:** This project includes the rehabilitation of mainline sewers, manholes, and service laterals. Work includes pre and post television survey, flow monitoring, traffic control, and site restoration.

**Justification:** This project is needed to meet the water and sewer infrastructure improvement goals.

**Source Of the Justification:** Water Master Plan (01/15/2008, CAR08-0093, M-4)

**Project Type:** Utilities

### Project Funding Summary:

| SOURCE                                                                  | USAGE | AVAILABLE \$       | FY 2020            | FY 2021 | FY 2022 | FY 2023 | FY 2024 | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING   |
|-------------------------------------------------------------------------|-------|--------------------|--------------------|---------|---------|---------|---------|-----------------------------|--------------------|
| <i>Water and Sewer Master Plan   CONSTRUCTION</i>                       |       |                    |                    |         |         |         |         |                             |                    |
| 454                                                                     | 6599  | \$292,859          | \$1,165,158        |         |         |         |         | \$3,769,275                 | \$1,458,017        |
| <i>Water and Sewer Master Plan   FORCE CHARGES / ENGINEERING</i>        |       |                    |                    |         |         |         |         |                             |                    |
| 454                                                                     | 6501  | \$125,438          |                    |         |         |         |         |                             | \$125,438          |
| Total Fund 454:                                                         |       | \$418,297          | \$1,165,158        |         |         |         |         | \$3,769,275                 | \$1,583,455        |
| <i>Water &amp; Sewer Master Plan 2017   FORCE CHARGES / ENGINEERING</i> |       |                    |                    |         |         |         |         |                             |                    |
| 495                                                                     | 6501  | \$(36,064)         |                    |         |         |         |         |                             | \$(36,064)         |
| <i>Water &amp; Sewer Master Plan 2017   CONSTRUCTION</i>                |       |                    |                    |         |         |         |         |                             |                    |
| 495                                                                     | 6599  | \$1,476,304        |                    |         |         |         |         |                             | \$1,476,304        |
| Total Fund 495:                                                         |       | \$1,440,240        |                    |         |         |         |         |                             | \$1,440,240        |
| <b>GRAND TOTAL:</b>                                                     |       | <b>\$1,858,537</b> | <b>\$1,165,158</b> |         |         |         |         | <b>\$3,769,275</b>          | <b>\$3,023,695</b> |

### Comments:

### Impact On Operating Budget:

| IMPACT       | AVAILABLE \$ | BEYOND<br>5-YEAR<br>HORIZON | TOTAL<br>FUNDING |
|--------------|--------------|-----------------------------|------------------|
|              |              |                             | \$0              |
| <b>TOTAL</b> |              |                             | <b>\$0</b>       |

**Comments:** No Budget Impact determined at this time.

### Cost Estimate Justification:

The requested funds will cover the rehabilitation of 100% of the sewer basin based on a cost estimate that uses recent bid prices. This project will affect approximately 1,367 parcels.

### Strategic Connections:

**Cylinder:** Infrastructure

**Strategic Goals:** Be a sustainable and resilient community

**Objectives:** Proactively maintain our water, wastewater, road and bridge infrastructure

### Quarters To Perform Each Task:

**Initiation / Planning:** 0  
**Design / Permitting:** 0  
**Bidding / Award:** 0  
**Construction / Closeout:** 8

# ~ Notes ~