



PLANNING & ZONING BOARD STAFF REPORT

PLANNING, ZONING AND BUILDING DEPARTMENT
100 NW 1ST AVENUE, DELRAY BEACH, FLORIDA 33444
PLANNING & ZONING DIVISION: (561) 243-7040 • BUILDING DIVISION: (561) 243-7200



Five Year Capital Improvement Plan For FY 2018-19 through FY 2022-23

| | | |
|---|---------------------------|---|
| Planning and Zoning Board: August 20, 2018 | File No.: 2017-295 | Application Type: Comprehensive Plan Amendment to the Five Year CIP Table. |
|---|---------------------------|---|

Request:

Statement of finding that the proposed Five Year Capital Improvement Plan For FY 2018-19 through FY 2022-23 and the FY 2018-19 Capital Improvement Budget are consistent with the Comprehensive Plan.

Recommendation:

1. Make a finding that the proposed Five Year Capital Improvement Plan for FY 2018-19 through FY 2022-23 is consistent with the Comprehensive Plan.
2. Recommend approval to the City Commission of Ordinance 21-18 to update the Capital Improvement Element of the Comprehensive Plan to reflect the new Five Year Capital Improvement Plan for FY 2018-19 through FY 2022-23.

Review and Analysis:

The inventory of capital improvements consists of programs and projects identified in the Comprehensive Plan. The Capital Improvement Element identifies the time frame of these improvements which is usually five years, although some needs have been identified through 2025.

The Capital Improvement Plan (CIP) is a listing of the projects with capital expenditures over \$25,000, which the City plans to initiate over the next five fiscal years. The Capital Improvement Budget (CIB) is the first year of that plan, to which the City Commission will commit as part of the adopted annual budget. Many of these improvements involve maintaining the established levels of service for existing facilities through renewal, replacement, and correction of localized deficiencies in existing systems. These are most often part of on-going programs, funded annually, such as street resurfacing. Other capital improvements identified provide new facilities. Many of these improvements are identified in system master plans (water, sewer, stormwater, and parks and recreation etc.) to improve overall level of service and meet the quality-of-life desires of the community.

The entire CIP budget totals **\$211.84 million** for the next five years. The attached current adopted CIP (FY2017-18 – FY2021-22) and proposed CIP (FY2018-19 – FY2022-23) are organized by funds, and then line items. Line items can be individual project (i.e. Osceola Park Improvements), or annual allocations for repair and replacement such as “Vehicle Replacement”. Expenditures on current projects which are not completed in the current fiscal year will “carry over” into the next fiscal year. The CIP outlines the project costs, the funding sources, and the estimated future operating costs/savings associated with each capital improvement. The CIP is designed to ensure that capital improvements will be made when and where they are needed. The recommended projects are submitted to the City Commission with the annual operating budget for further review and public vetting. The Commission reviews these capital projects, as well as, the recommended funding structure from the City Manager. Based upon the budget review process the originally submitted projects are adjusted and the first year of five year capital improvement plan is formally adopted as part of the annual operating budget.

The Planning and Zoning Board, acting as the Local Planning Agency, has the responsibility to review the CIB and CIP annually and issue a statement of consistency with the Comprehensive Plan. This responsibility is expressed in Capital Improvement Element Policies A-3.3, A-3.4 and A-3.5.

The action of the Planning and Zoning Board pertains only to updating the CIP within the Capital Improvement Element of the

PAGE | 1

Project Planner:

Anthea Gianniotis, Principal Planner;
gianniotesa@mydelraybeach.com, 561.243.7325

Board Review Dates:

Planning and Zoning Board, August 20, 2018
City Commission, October 2, 2018 and October 16, 2018

Attachments:

- Current and Proposed CIP
- Guidelines for Prioritizing of Capital Improvement Projects (Current CIP Element)
- Ordinance 21-18



Comprehensive Plan and does not include changes to the objectives or policies within the Comprehensive Plan. Updates to the five-year capital improvement plan will be accomplished by the adoption of an ordinance and pursuant Section 163.3177(3)(b), Florida Statutes, such modifications are not deemed amendments to the Comprehensive Plan.

The Capital Improvement Plan is reviewed each year. The Executive Leadership Team considers the priorities and goals of the City Commission, along with input from the department staff, and the citizens (some of which are submitted during the Annual Infrastructure Hearing process). The projects recommended are based upon the following order:

| Criteria Description | Criteria Measurements |
|-------------------------------------|--|
| City Commission Goals | Supports Long-Term Goals established by the City Commission. <ul style="list-style-type: none"> • Multi-year Integrated Planning • Grow and Diversify Revenue Base • Repair & Replacement (R&R) Program • Invest in High Value Assets Program • LOS Increase • Statutorily/Contractually Required |
| Level of Service (LOS) Metrics | <ul style="list-style-type: none"> • Regulatory/Contractual • Life Safety • Policy Directives • Best Practices • Past/Current Practices |
| Return on Investments (ROI) Metrics | <ul style="list-style-type: none"> • Project will result in savings or cost avoidance for return of investments in 1 to 3 years • Project will result in savings or cost avoidance for return of investments in 3 to 6 years • Project will result in savings or cost avoidance for return of investments in 7 to 10 years • Project will result in savings or cost avoidance for return of investments in excess of 10 years. |

Pursuant to Guidelines in the Capital Improvement Element of the Comprehensive Plan (attached), proposed projects are prioritized within three categories: **Critical Items** (must be satisfied within the current year); **Mandatory Items** (should be satisfied within one year); and, **Desirable Items** (should be satisfied in a time frame greater than one year) which are then budgeted accordingly within the overall 5-year program. As the CIP is compared to the Comprehensive Plan, there should be consistency with regard to the list of projects, cost estimates, and time frames.

There is overall consistency between the proposed CIP and the Comprehensive Plan. The items contained in the Five-Year CIP are contained within the Goals, Objectives and Policies of the Comprehensive Plan. Projects listed in the CIP closely track the Comprehensive Plan, and are projected to be done within a comparable time frame. Although some projects are specifically identified, most are part of overall maintenance and improvement programs. For the purpose of this review, the CIP has been divided into major categories which relate to the elements of the Comprehensive Plan and the authorizing policies have been identified.

CAPITAL IMPROVEMENT BUDGET

The CIB (Capital Improvement Budget) relates to those capital projects which are planned for the upcoming fiscal year FY18/19. These projects are designated “critical” or are projects which are carried forward from the last fiscal year. The projected CIB for FY 2018/19 is **\$57.76million** and includes allotments such as \$6.8 million for SW 4th, 6th & 7th Alley improvements; \$1.0 million for the first year of expenditures for Osceola Park Improvements (for which an additional \$12.0 million will be expended over the next two fiscal years). The CIB also \$1.45 million for Phase 2 of the Beach Master Plan improvements; \$2.84 million for Marine Way



improvements, \$3.5 million for the Marina Seawall renovations and \$2.5million for roadway restoration.

OPEN SPACE AND RECREATION

The CIP includes capital expenditures related to the provision and maintenance of recreational facilities. These items, which total approximately **\$35.96 million**, are funded by the Recreation Impact Fee Fund, Beach Restoration Fund, General Construction Fund and the Infrastructure Surtax. Several parks and open space projects are funded by the General Construction Fund including \$12.55 million for Pompey Park Master Plan, \$8.8 million for Catherine Strong Park, \$600,000 for Hilltopper Restroom/Concession, and \$250,000 for Barwick Park Trail Resurfacing. Other major park improvements funded by the Infrastructure Surtax, includes \$1,450,000 for the Beach Master Plan Phase II, \$815,000 for Atlantic Dunes Park, \$3.5 million for the City Marina Seawall and \$2.84million for Marine Way Seawall Design and Emergency Seawall,.

Historically, the beach restoration project was categorized under Coastal Management. However, as the Beach is identified as a part of the park system, the allocated \$2.81 million for the beach restoration project is grouped under the Open and Space and Recreation category. Allocations provided for the operations of the City Marina, Lakeview Golf Course and the Municipal Golf Course are not included.

The expenditures are supported by or further the following Objective and Policies of the Open Space and Recreation Element.

Open Space & Recreation Element Objective A-2

Park and recreation facilities shall be adequately and efficiently provided with adequate parking and public access and shall be compatible with surrounding existing properties and new development through implementation of the following policies:

Policy A-2.1 The City shall provide additional park, recreation, and open space facilities through enhancement of existing facilities, major capital improvements, and the provision of new services to geographic areas which do not have facilities readily available to them.

Policy A-2.2 The City, through the Parks and Recreation Department, shall place its first recreation priority on the provision of facilities for activities which serve all residents of the community and which can be achieved through completing the development of existing park areas, enhancing existing facilities, and adding specialized items such as playgrounds to existing facilities.

Policy A-2.3 Funds shall be allocated, on an annual basis, for the purpose of achieving Policy A-2.2. This mechanism shall only be one of the funding sources which are applied to meeting that policy.

Policy A-2.6 As part of the preparation of Strategic Task Team Neighborhood Action Plans, the City shall evaluate the possibility of establishing neighborhood or "pocket parks" in the area for which the plan is being prepared. The evaluation should include identification of vacant or surplus parcels, and strategies to assure that the neighborhood determines the parameters of the park and is responsible for construction and operating costs. Such strategies should rely heavily on existing neighborhood associations as the originating, motivating and organizing forces.

Policy A-2.7 Whenever the accomplishment of one or more of the activities cited can be achieved through major investment in an existing facility, such a situation shall be a justification for raising the priority of the major capital improvement on the capital improvement list.

Policy A-2.8 The priority of a specific project may move up if it is funded from a dedicated revenue source and that funding is sufficient to accommodate the improvement (e.g. golf course improvement funded by a golf cart surcharge).

Policy A-2.9 The priority of a specific project may move up if there is a contribution from the private sector, or other sources, or area development/redevelopment can be coordinated with its construction.

Policy A-2.10 All planning for parks and recreational facilities shall be in accordance with the adopted City of Delray Beach Parks and Recreation System Master Plan.

**Coastal Management Element Objective A-1**

The City shall continue its established and ongoing programs that meet the following objectives: 1) Maintain, restore, and enhances the overall quality of the coastal zone environment, including its amenities and aesthetic values, 1) Preserve the existence of viable populations of all species of wildlife and marine life, 3) Protect the utilization and preservation of all living and non-living coastal zone resources, 4) Avoid irreversible and irretrievable loss of coastal zone resources, 5) Limit public expenditures that subsidize development in coastal high-hazard areas, 7) protect human life against the effects of natural disasters, 8) Preserve historic and archeological resources, including sensitive adaptive use, and 9) Consider the development of an adaption action area for low-lying coastal areas that experience coastal flooding due to extreme high tides and storm surge, and are susceptible to sea level rise. A report of the status of those programs shall be prepared annually and made available to the public at the Town Hall Meeting, at City Hall, and on the City's website.

Policy A-1.3 The City shall undertake beach and dune studies as required by permitting agencies to monitor and maintain the Beach Nourishment Project.

Policy A-1.5 The City shall protect sea turtles and their nesting habitat through continuation of lighting restrictions, monitoring and education programs.

PUBLIC UTILITIES

The CIP includes capital expenditures related to improvements and maintenance of City water, wastewater, drainage facilities and flood control systems. These items, which total approximately **\$73.34 million** over the next 5 years, are funded by the Infrastructure Surtax, Water/Sewer Fund, the Water/Sewer Renewal and Replacement Fund, and the Stormwater Utility Fund. In addition to construction of upgraded water, sewer and drainage systems throughout the City, larger projects include \$20 million for the Water Supply and Treatment Implementation Plan & Wellsite Development, Renovation, and \$1.56 million for Delray Shores Water Main Upgrade Phase 3, and \$7.45 million for expansion of the Reclaimed Water Program within Areas 8, 10 and 15).

The expenditures are supported by or further the following Objectives and Policies of the Public Facilities and Coastal Management Elements:

Public Facilities Element Objective A-1

Specific programs to mitigate the adverse impacts of point sources of pollution, as identified in the following policies, shall be developed and implemented by the City's Environmental Services Department and the South Central Regional Wastewater Treatment Facility Board, as appropriate.

Policy A-1. Programming of improvements to the sewer system shall place a high priority upon the rehabilitation of portions of the original system which experience infiltration and leakage.

Even though the City has projected an adequate water supply, it shall provide for increasing draw-down and the potential of reduced capacity through salt water intrusion and/or extended drought conditions through optimum use of existing wells, development of new wells and development of alternative technologies and methods of providing water. This objective shall be met in the performance of the following:

Policy B-1.1 The City, through the South Central Regional Wastewater Treatment Facility Board, shall continue to monitor the area of effluent reuse with the ultimate goal of reclaiming and reusing more effluent from the wastewater treatment plant for irrigation. Priorities for expansion should be on golf courses in the City, large home owner associations on master meters, and in the Coastal Planning Area.

Public Facilities Element Objective B-2

To insure that potable water is available to meet consumption, a reduction in demand through year-round conservation and treatment plant enhancement shall be achieved.

Policy B-2.1 The City shall maintain its program of responsible consumption of water and shall strive to decrease the overall per capita consumption of water through continued implementation of the following techniques and programs: (Also see Objective A-4 of the Conservation Element).



- Maintaining its water rate structure which establishes an inverted block rate structure to set higher consumption rates for increased water use in order to promote reductions in water consumption as well as establishment of conservation surcharges, based on South Florida Water Management District formulae, and keyed to various levels of drought alert.
- Mandatory use of wells for irrigation purposes where conditions permit.
- Continued enforcement of water use laws.
- The consideration of xeriscape landscaping alternatives for all new development during the review of site and development plans.
- Continuation of the regular preventive maintenance program for water mains, pumps and meters.

Policy B-5.4 The City will use the Water Supply Facilities Work Plan to prioritize and coordinate improvements to the City's water supply system.

Policy B-5.5 The City will maintain a current five-year schedule of capital improvements to the Water Supply System.

Public Facilities Element Objective C-1

The condition and inventory of the water and sewer systems shall be kept current through regular updates of the City atlas and surveillance programs.

Policy C-1.1 The water distribution system atlas shall be maintained on an on-going basis and shall reflect current system inventory. Operational characteristics will be maintained utilizing an asset management program such as the Hansen Data Base Program, which shall be used in the planning of system extensions and upgrade requirements.

Policy C-1.2 The wastewater collection and transmission system atlas shall be maintained on an on-going basis and shall reflect current system inventory. Operational characteristics will be monitored by radio telemetry and surveillance programs, and shall be used in the planning of system extensions upgrade requirements.

Public Facilities Element Objective C-2

Upgrading of sewer and water facilities shall occur as quickly as possible based on available funding. System upgrades shall be funded through annual appropriations in the Water and Sewer Renewal and Replacement Fund.

Public Facilities Element Objective C-3

Installation of wastewater collection facilities shall be programmed and provided when the need is demonstrated.

Policy C-3.2 Upgrading of existing wastewater facilities shall be provided for through annual appropriations in the capital improvement program.

Public Facilities Element Objective C-4

Installation of potable water distribution facilities shall be programmed and provided when the need is demonstrated.

Policy C-4.1 Upgrading of existing potable water facilities shall be provided for through annual appropriations in the capital improvement program.

Policy C-5.3 Upgrading of existing systems to construction and level of service standards and extension of new facilities to unserved, inhabited areas shall be financed through appropriations in the Water and Sewer New Capital Outlay Fund.

Policy C-5.4 Priorities for projects shall also consider other improvement projects (e.g. street construction and drainage) in establishing priorities.

Public Facilities Element Objective E-1

A capital improvement program directed specifically to storm drainage and runoff management has been adopted by the City Commission, and capital projects, as identified in that program, shall be implemented with funding to come from the Stormwater Utility Fee.

**Public Facilities Element Objective E-2**

Drainage improvements and flood control measures shall be financed through the Stormwater Utility Fee. Funded projects shall be located throughout the City as opposed to being concentrated in a single quadrant. The fee shall be reassessed upon completion of the program.

Coastal Management Objective A-3

The City shall protect and enhance the quality of the marine habitat through support for effluent reuse and deep water injection by the South Central Regional Wastewater Treatment Facility Board, with the ultimate goal of eliminating dependence on the ocean outfall for other than emergency and DEP permitted exceptions.

PUBLIC BUILDINGS

The CIP includes capital expenditures related to new and existing public buildings, facilities and equipment. These items, which total approximately **\$ 7.45 million** over the next 5 years, are funded by the General Capital Improvements Fund and Infrastructure Surtax. In addition to general maintenance and upgrades to buildings, equipment and systems throughout the City, improvements include \$2.88 million for renovations for Historic Train Depot and \$2.0 million for Fire Station 111 Category 5 upgrades.

The expenditures are supported by or further the following Objective and Policies of the Public Facilities Element:

Public Facilities Element Objective D-1

Provisions are to be implemented to maintain and upgrade existing public facilities to a state of the art level of service and improve the appearance of the facilities.

Policy D-1.1 The City shall continue its established program for the maintenance and repair of buildings and facilities, including such items as roof replacement and major structural repair, in a timely manner to maintain the viability of the facility.

Policy D-1.2 The City shall continue its established program for the replacement of irreparable or obsolete buildings, facilities, and major facility elements and the upgrading of existing facilities to maintain their ability to deliver the established level of service to the community.

Policy D-1.3 All new construction projects shall be in accordance with Federal guidelines on accessibility. The City shall make modifications to existing facilities that are easily achievable without great expense, such that the facility will be in accordance with Federal guidelines on accessibility

TRANSPORTATION

The CIP includes capital expenditures related to maintenance and improvement of the City's transportation systems, including automotive, pedestrian and public transportation. These items, which total approximately **\$95.1 million** over the next 5 years, are funded by the by the Beautification Trust Fund, the General Capital Improvements Fund, with potential funding from FDOT and the Infrastructure Surtax. In addition to the general maintenance of existing roadways and sidewalks, major improvements include, \$12.48 million for Lindell Boulevard Complete Street, \$10.87million for the Barwick Road Complete Street, \$6.88 million for improvements to SW 4th, 6th & 7th Alley, and \$5.29 million for the Lowson Boulevard pedestrian bridge.

A significant Neighborhood project which will be undertaken over the next three years is the Osceola Neighborhood improvements. These improvements total \$13.0 million. The "Complete Neighborhood" project design improvements will be funded from the General Construction Fund and include construction of sidewalks, street lighting road resurfacing, landscaping, traffic calming, and any required utility enhancement, stormwater management, alleyway, beautification and wayfinding.

The expenditures are supported by or further the following Objectives and Policies of the Public Facilities Element and Transportation Element:

Public Facilities Element Objective E-3

The street system under the City's jurisdiction shall be maintained and enhanced to provide a uniform level of service throughout the City and provide a safe and convenient transportation network.



Policy E-3.1 The program of resurfacing streets shall be maintained with at least the current funding level.

Policy E-3.2 The City shall program installation of sidewalks on an annual basis, with the goal of completing a safe and convenient sidewalk system throughout the City by the year 2010.

Transportation Element Objective B-2

Travelways which are primarily used by residents (local streets) shall receive special attention in order to assure that they remain accessible to residents and provide for easy traffic flow. This objective shall be implemented through the following tasks.

Policy B-2.1 The City Engineer shall determine intersections which have congestion on an as needed basis. An inventory shall be maintained, and necessary improvements funded through the street improvement capital budget of the Environmental Services Department. Items to be addressed and corrected may include the following:

- Where restrictions to efficient traffic flow exist they shall be removed.
- Where appropriate, turn lanes should be provided in lieu of traffic lights or four-way stops in order to accommodate turning movements without hindering through traffic.
- Where traffic signals exist, turn arrows will be installed when warranted.
- Where signals do not exist and equivalent traffic volumes enter an intersection, four-way stops and traffic calming measures should be considered.

Transportation Element Objective B-3

The accommodation of traffic, accomplished through street widening, shall not detract from the aesthetics of the community and shall be accomplished through an integrated multi-modal transportation system, and traffic demand management initiatives.

Policy B-3.1 The City shall continue its public street beautification program, for median and perimeter landscaping.

Policy B-3.2 The City shall continue to budget sufficient funds to maintain streetscapes under its jurisdiction for community aesthetics.

Transportation Element Objective D-2

Facilities which accommodate the needs of the handicapped, pedestrians and bicyclists shall be assessed and required during development review, complying with state and national standards.

Policy D-2.1 Bicycle traffic shall be accommodated in the design and construction of Collector and Arterial roadways. These improvements are to emphasize safer bicycle movements by including bicycle lanes where there is sufficient right-of-way. The City, by adoption of this policy, requests that such improvements be included on all projects undertaken per Florida Department of Transportation or the County five-year road program, as well as the City's Capital Improvement Program.

Beautification

Additionally, the CIP includes capital expenditures related to landscape and streetscape projects. The expenditures are authorized by the following Objectives and Policies of the Open Space and Recreation Element and Transportation Element:

Open Space & Recreation Element Objective B-1

The retention and creation of visual open space areas is vital to meeting the overall goals of the Comprehensive Plan. Part of the image of open space is that of vistas and streetscapes. The maintenance of vistas, enhancement of the streetscapes, and additional open space are objectives which shall be accomplished through the following:

Policy B-1.2 The City shall continue its on-going street beautification efforts, including programs such as Adopt-A-Tree, landscaping upgrades as part of street construction projects, and an emphasis on providing sufficient funds to maintain existing landscaping at a high level.



APPENDIX:
LIST OF FUNDED PROJECTS IDENTIFIED DURING THE ANNUAL INFRASTRUCTURE HEARING

| Projects | Programmed Improvements |
|--|--|
| Repave Swinton Avenue, north of Atlantic Avenue. | Programmed FY2018-19 & FY 2019-20 |
| Osceola Park—easily walkable to/from downtown, but sidewalks are missing/not connected. | Programmed FY 2018-19, FY2019 -20 & FY 2020-21 |
| Seek funding to widen the Atlantic Avenue ICW Bridge to provide for wider sidewalks and protected bike lanes. | Citywide bridges repair & maintenance FY2018-19 |
| Lindell Boulevard needs sidewalks on both sides, extending from Federal Highway to Linton Boulevard (Target). | Programmed Complete Street and Lindell Blvd. loop FY 2020-21 & FY2021-22 |
| Addition of sidewalks on Lowson Boulevard along the south side from the E-4 Canal to Homewood. | Programmed FY 2018-19 & FY 2019-20 |
| Improved drainage is need in the Marina Historic District. | Programmed FY 2018-19 |
| Additional Projects | Status Update |
| Over two miles of Federal Highway are having garden areas installed, with hundreds of irrigation heads, yet there are no reclaimed water lines to provide irrigation –portable water is being used. ○ The same situation exists along Atlantic Avenue and other areas of the City. This is a huge waste of natural resources. | Programmed improvements and expansion of the reclaimed water system is on-going. |
| Concerns raised regarding the groundwater once the seawalls are raised. | Seawall assessment underway |
| Consider stormwater billing on the amount of impervious surface in one's yard or business like the program in Philadelphia. | Policy decision for City Commission |
| Implement the recommendations in the Rising Waters Task Force Report presented to the City Commission on June 13, 2017 (copy of the recommendations is attached as Exhibit B). | Comprehensive Plan Update |
| Provide back-up generators for each lift station. | Funded by FEMA |
| Replace the Live Oaks Trees that were removed in conjunction with the redevelopment of the Publix store at the northeast corner of Atlantic Avenue and Military Trail. | Will be replaced with the new Publix |
| Neglect of vegetation in the Atlantic Avenue medians extending from Congress Avenue to Military Trail. | To be replaced with funding from the Tree Fund |
| Landscaping has deteriorated into weeds and collect litter along Lake Ida Road between Congress and Military Trail. There are broken down fences, mismatched colors on fences and walls. | LDRs will correct fences overtime |



| | |
|--|--|
| <p>Landscaping improvements requested at the Intracoastal pocket parks located at NE 1st Court, NE 2nd Street, NE 4th Street and NE 5th Street.</p> <ul style="list-style-type: none">○ Planting native bushes along the water edge of the seawall to inhibit erosion, as discussed by the Rising Waters Task Force within the Palm Trail neighborhood. Replant with salt-tolerant plants to maintain the soil.○ Plant shade trees to enhance the parks, especially at NE 4th Street, where large trees were destroyed by Hurricane Irma. | Completed |
| <p>Consider rewarding residents who reduce water usage or runoff with Florida-friendly landscaping or low water usage.</p> | LDR requires Florida-friendly landscaping – policy decision |
| <p>In the Central Business District, railroad r-o-w fencing, double gates and pedestrian gates are needed.</p> | Completed |
| <p>Multi- Modal Pathways</p> <ul style="list-style-type: none">○ Maximum flexibility in transportation options needs to be provided to create and enhance vibrant employment centers in our City. Congress Avenue needs this, starting at the El Rio Path, which ends on Congress just south of the Boca/Delray border, and extending up to at least the Tri-Rail station and, hopefully, to Atlantic Avenue where it will eventually hook in to the path being provided by the Developer of the Depot Apartment site.○ SW 10th/Lowson Blvd. from Federal Highway to Military Trail is in need of a pathway. | Comprehensive Plan Update addresses coordinate with LWDD and property owners |
| <p>Expand the trolley system to Congress Avenue employment centers, (such expansion will lessen downtown traffic and congestion during the day and also enhance the use of Tri-Rail as an alternate transportation for Congress Avenue workers.</p> | City Commission policy decision |
| <p>Create a near-shore artificial reef accessible from the Municipal Beach</p> | To be addressed with the Comprehensive Plan Update |

| PROPOSED CIP FY 2018-19 THROUGH 2022-23 | | | | | | |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Public Utilities CIP Projects | FY 2018-2019 | FY 2019-2020 | FY 2020-2021 | FY 2021-2022 | FY 2022-2023 | FY 2018-2023 |
| Water and Sewer Renewal and Replacement | | | | | | |
| LS Wet Well Rehab | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 600,000 |
| Chlorine Residual Mgmt | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| Delray Shores WM Upg Ph 3 | 1,565,200 | 0 | 0 | 0 | 0 | 1,565,200 |
| Delray Shores WM Upg Ph 4 | 0 | 830,280 | 0 | 0 | 0 | 830,280 |
| Elevated Storage Tank Maint | 25,000 | 27,000 | 27,000 | 28,000 | 28,000 | 135,000 |
| FDOT Atl Ave at I-95 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| FDOT Linton at I-95 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| FDOT US-1 | 30,000 | 0 | 0 | 0 | 0 | 30,000 |
| Force Main Upg 58A & 87 | 1,380,000 | 0 | 0 | 0 | 0 | 1,380,000 |
| Gas Chrom/Mass Spec System | 120,000 | 800,000 | 2,500,000 | 0 | 0 | 3,420,000 |
| Intracoastal Waterway Crossings | 1,650,000 | 0 | 0 | 0 | 0 | 1,650,000 |
| Lake Ida Force Main ARV Repl | 220,000 | 0 | 0 | 0 | 0 | 220,000 |
| Large Meter Replacement | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| LS Rehabilitation | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,000,000 |
| Owens Baker Water Stor Tank Reh | 67,500 | 25,000 | 25,000 | 25,000 | 25,000 | 167,500 |
| Production Well Rehabilitation | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,500,000 |
| Sanitary Sewer Manhole Rehab | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Sanitary Sewer Main Rehab | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,500,000 |
| SCRWWTP City's Cont for R&R | 84,000 | 85,000 | 85,000 | 90,000 | 90,000 | 434,000 |
| Small Water Meter R&R | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Swinton Ave Complete Street | 70,000 | 1,500,000 | | | | 1,570,000 |
| Tropic Palms WM Ph 2 | 0 | 1,009,125 | 0 | 0 | 0 | 1,009,125 |
| Upgrade of LS Telemetry System | 1,400,000 | 0 | 0 | 0 | 0 | 1,400,000 |
| Water Line Service Relocations | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Water Valve R&R | 36,000 | 36,000 | 36,000 | 36,000 | 36,000 | 180,000 |
| WTP Bleach Tank Sun Covers | 110,000 | 0 | 0 | 0 | 0 | 110,000 |
| WTP Bleach Tank | 110,000 | 0 | 0 | 0 | 0 | 110,000 |
| WTP Clarifier Rehabilitation | 275,000 | 0 | 0 | 0 | 0 | 275,000 |
| Water Supply and Treatment Implementation Plan & Wellsite Development | 1,250,000 | 2,750,000 | 5,000,000 | 6,000,000 | 5,000,000 | 20,000,000 |
| WTP Filter Drain Valves | 264,000 | 0 | 0 | 0 | 0 | 264,000 |
| WTP Raw Water Aertion System | 385,000 | 800,000 | 2,500,000 | 0 | 0 | 3,685,000 |
| WTP Lime Slaker Replacement | 223,000 | 0 | 0 | 0 | 0 | 223,000 |
| 1 1/2 Ton DRW Trucks (GM) | 120,000 | | | | | 120,000 |
| 1 1/2 Ton DRW Trucks (Maint) | 180,000 | | | | | 120,000 |
| 1/2 Ton Trucks (Amgr & Super) | 60,000 | | | | | 60,000 |
| 15k lb Capacity Fork Lift | 152,000 | | | | | 152,000 |
| 2500 Gallon Fuel Tanker Truck | 125,000 | | | | | 125,000 |
| Water & Sewer Fund | | | | | | |
| Building for generators | 125,000 | 660,000 | 0 | 0 | 0 | 785,000 |
| LS 50 Capacity Analysis | 150,000 | 1,950,000 | | | | 2,100,000 |
| Reclaim Water Area 10 | 200,000 | 2,475,000 | 0 | 0 | 0 | 2,675,000 |
| Reclaim Water Area 15 | 0 | 0 | 200,000 | 2,475,000 | 0 | 2,675,000 |
| Reclaim Water Area 8 | 0 | 0 | 0 | 200,000 | 2,475,000 | 2,675,000 |
| SCRWWTP City Share | 650,000 | 700,000 | 750,000 | 800,000 | 850,000 | 3,750,000 |
| Utility Cond Assmnt Ph2&3 | 475,000 | 1,175,000 | 0 | 0 | 0 | 1,650,000 |
| SOC Space Plan | 100,000 | 800,000 | 2,500,000 | 0 | 0 | 3,400,000 |
| Stormwater Utility Fund | | | | | | |
| Delray Shores WM Upg Ph 3 | 159,800 | 0 | 0 | 0 | 0 | 159,800 |
| Delray Shores WM Upg Ph 4 | 0 | 49,720 | 0 | 0 | 0 | 49,720 |
| Drainage Swales | 100,000 | 100,000 | 100,000 | 100,000 | 0 | 400,000 |
| Generator Feasibility Study | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| NE 2Av/Seacrest Blvd | 55,000 | 50,000 | 76,000 | 100,000 | 0 | 281,000 |
| Recl Water Sys Exp Area 15 | 0 | 0 | 825,000 | 0 | 0 | 825,000 |
| Recl Water Sys Exp Area 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Recl Water Sys Exp Area 10 | 0 | 825,000 | 0 | 0 | 0 | 825,000 |
| Recl Water Sys Exp Area 8 | 0 | 0 | 0 | 825,000 | 0 | 825,000 |
| SW Mgmt Area Fencing | 25,000 | 0 | 0 | 0 | 0 | 25,000 |
| SW Master Plan Project Impl | 0 | 360,000 | 360,000 | 360,000 | 360,000 | 1,440,000 |
| SW Pipe Lining on Barrier Island | 750,000 | 500,000 | 500,000 | 0 | 0 | 1,750,000 |
| Thomas Pump Station Upg | 892,500 | 0 | 0 | 0 | 0 | 892,500 |
| Tropic Palms WM Upg Ph 2 | 0 | 543,375 | 0 | 0 | 0 | 543,375 |
| Total* | 15,329,000 | 19,195,500 | 16,629,000 | 12,234,000 | 10,009,000 | 73,336,500 |

*The above totals do not include Operating Expenses or Debt Service Bonds

| PROPOSED CIP FY 2018-19 THROUGH 2022-23 | | | | | | |
|---|-------------------|------------------|-------------------|------------------|------------------|-------------------|
| Open Space and Recreation | FY 2018-2019 | FY 2019-2020 | FY 2020-2021 | FY 2021-2022 | FY 2022-2023 | FY 2018-2023 |
| Recreation Impact Fee Fund | | | | | | |
| Beach Restoration Fund | 1,414,800 | 408,800 | 328,800 | 328,800 | 328,800 | 2,810,000 |
| General Construction Fund | 0 | 0 | 0 | 0 | 0 | 0 |
| CRA Catherine Strong Park | 0 | 0 | 800,000 | 4,000,000 | 4,000,000 | 8,800,000 |
| Hilltopper Rest/Concession | 600,000 | 0 | 0 | 0 | 0 | 600,000 |
| Pompey Park Master Plan | 550,000 | 2,000,000 | 10,000,000 | 0 | 0 | 12,550,000 |
| Merritt Park Playground | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| OSS Park Upgrades | 700,000 | 0 | 0 | 0 | 0 | 700,000 |
| Community Beautification | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| Barwick Park Trail Resurfacing | 250,000 | 0 | 0 | 0 | 0 | 250,000 |
| Infrastructure Surtax | | | | | | |
| Atlantic Dunes Park | 300,000 | 515,000 | 0 | 0 | 0 | 815,000 |
| Beach Master Plan Ph II | 1,450,000 | 0 | 0 | 0 | 0 | 1,450,000 |
| Bexley Park Restroom Const | 300,000 | 0 | 0 | 0 | 0 | 300,000 |
| Currie Commons Ply Reno | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| Veterans Pk PB, Bocce, Shfbd | 350,000 | 0 | 0 | 0 | 0 | 350,000 |
| MGC-Clubhouse/Kitchen | 0 | 299,000 | 0 | 0 | 0 | 299,000 |
| Marine Way | 2,840,000 | 0 | 0 | 0 | 0 | 2,840,000 |
| City Marina Seawall Reno | 3,500,000 | 0 | 0 | 0 | 0 | 3,500,000 |
| Total | 12,654,800 | 3,522,800 | 11,128,800 | 4,328,800 | 4,328,800 | 35,964,000 |

| PROPOSED CIP FY 2018-19 THROUGH 2022-23 | | | | | | |
|---|------------------|------------------|--------------|--------------|--------------|------------------|
| Public Buildings | FY 2018-2019 | FY 2019-2020 | FY 2020-2021 | FY 2021-2022 | FY 2022-2023 | FY 2018-2023 |
| General Construction Fund | | | | | | |
| Roofs/HVAC | 300,000 | 0 | 0 | 0 | 0 | 300,000 |
| IT Infrastructure | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| Multi Generational Initiative | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| Infrastructure Surtax | | | | | | |
| Historic Train Depot Reno | 1,880,000 | 1,000,000 | 0 | 0 | 0 | 2,880,000 |
| IT Fiber Optics FS111 to PD | 80,000 | 0 | 0 | 0 | 0 | 0 |
| FS 111 Category 5 Upgrades | 200,000 | 1,800,000 | 0 | 0 | 0 | 2,000,000 |
| City Center Conceptual Plan | 400,000 | 400,000 | | | | 800,000 |
| Facility Improvements | 395,000 | | | | | 395,000 |
| Total | 4,255,000 | 3,200,000 | 0 | 0 | 0 | 7,455,000 |

PROPOSED CIP FY 2018-19 THROUGH FY 2021-22

| TRANSPORTATION | FY 2018-2019 | FY 2019-2020 | FY 2020-2021 | FY 2021-2022 | FY 2022-2023 | FY 2018-2023 |
|-----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Beautification Trust Fund | | | | | | |
| Project Reserve | 60,012 | 89,865 | 87,493 | 50,716 | | 288,086 |
| General Construction Fund | | | | | | 0 |
| Parking Lot and Garage Repair | 0 | 113,018 | 2,000,000 | 3,000,000 | 0 | 5,113,018 |
| CRA - SW 4th, 6th & 7th Alley | 6,888,194 | 0 | 0 | 0 | 0 | 6,888,194 |
| CRA - Wayfarer Signage | 400,000 | 0 | 0 | 0 | 0 | 400,000 |
| CRA - Trolley Replacement | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| SFRTA - Trolley Replacement | 0 | 0 | 860,000 | 0 | 0 | 860,000 |
| CRA - NW Neighborhood Redesign | 0 | 1,000,000 | 2,000,000 | 8,000,000 | 0 | 11,000,000 |
| CRA - Swinton/Atlantic | 500,000 | 3,000,000 | 0 | 0 | 0 | 3,500,000 |
| CRA - NE 3rd Ave/NE 3rd St Art Al | 2,000,000 | 0 | 0 | 0 | 0 | 2,000,000 |
| CRA - Osceola Park Improvements | 1,000,000 | 6,000,000 | 6,000,000 | 0 | 0 | 13,000,000 |
| CRA - Block 63 Improvements | 265,000 | 0 | 0 | 0 | 0 | 265,000 |
| CRA - NW 5th Alley | 740,000 | 0 | 0 | 0 | | 740,000 |
| Swinton Ave Compl Street | 200,000 | 886,982 | 0 | 0 | 0 | 1,086,982 |
| SW Neighborhood Alleys | 930,000 | 0 | 0 | 0 | 0 | 930,000 |
| RR Xing Maintenance to FEC | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 625,000 |
| FDOT LowsonBlvd Ped Bridge | 500,000 | 4,791,978 | 0 | 0 | 0 | 5,291,978 |
| FDOT Homewood Blvd | 0 | 360,000 | 1,032,926 | 0 | 0 | 1,392,926 |
| FDOT Lindell Blvd Loop | 0 | 0 | 339,399 | 2,262,669 | 0 | 2,602,068 |
| FDOT Lindell Blvd Compl Street | 0 | 0 | 1,628,243 | 10,854,951 | 0 | 12,483,194 |
| FDOT Barwick Rd Compl Street | 0 | 0 | 1,418,505 | 9,456,704 | 0 | 10,875,209 |
| FDOT Lowson/Mil/Cong/SE 6th Ave | 0 | 0 | 0 | 4,786,978 | 0 | 4,786,978 |
| Infrastructure Surtax | | | | | | 0 |
| Citywide Bridge R&M | 720,000 | 420,000 | 420,000 | 0 | 0 | 1,560,000 |
| Atlantic Ave Improvements | 400,000 | 0 | 0 | 0 | 0 | 400,000 |
| Roadway Restoration | 2,500,000 | 2,500,000 | 0 | 0 | 0 | 5,000,000 |
| ADA Improvements | 400,000 | 400,000 | 0 | 0 | 0 | 800,000 |
| Pavement Preservation Sealing | 150,000 | 150,000 | 150,000 | 0 | 0 | 450,000 |
| NE 2nd Ave/Seacrest Ph | 1,897,764 | | | | | 1,897,764 |
| Repair Pavers Atlantic | 250,000 | | | | | 250,000 |
| Stormwater Utility Fund | | | | | | 0 |
| Tropic Isles Roadway Eval | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| Total | 20,525,970 | 19,836,843 | 16,061,566 | 38,537,018 | 125,000 | 95,086,397 |

TABLE CI-CIP (ADOPTED by ORD 35-17)
FIVE YEAR CAPITAL IMPROVEMENTS SCHEDULE FOR PROJECTS > \$25,000

| PROJECT & FUND | FY 17/18 | FY 18/19 | FY 19/20 | FY 20/21 | FY 21/22 | TOTAL |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| BEACH RESTORATION FUND | | | | | | |
| Beach Tiling | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 | 85,000 |
| Pre Construction Environmental | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 |
| Sea Turtles Monitoring | 55,000 | 55,000 | 55,000 | 55,000 | 55,000 | 275,000 |
| Construction -Pre/Post | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 400,000 |
| Travel and Training | 9,300 | 9,300 | 9,300 | 9,300 | 9,300 | 46,500 |
| Yearly Replacement (snow fence) | 8,000 | 8,000 | 8,000 | 8,000 | 8,000 | 40,000 |
| Other Expenses | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 169,300 | 1,169,300 | 169,300 | 169,300 | 169,300 | 1,846,500 |
| GENERAL CONSTRUCTION FUND | | | | | | |
| CRA- Road Construction | 1,000,000 | 2,000,000 | 3,000,000 | 2,500,000 | 2,500,000 | 11,000,000 |
| CRA- SW 4th, 6th and 7th Alley Reconstruction | 5,500,000 | 0 | 0 | 0 | 0 | 5,500,000 |
| CRA- Storage Facility Christmas Tree | 250,000 | 0 | 0 | 0 | 0 | 250,000 |
| CRA- Catherine Strong Park | 800,000 | 0 | 0 | 500,000 | 700,000 | 2,000,000 |
| CRA- Hilltopper Rest/Concession | 58,500 | 390,000 | 0 | 0 | 0 | 448,500 |
| CRA- Trolley Replacement | 500,000 | 500,000 | 0 | 0 | 0 | 1,000,000 |
| SFRTA- Trolley Replacement | 0 | 0 | 860,000 | 0 | 0 | 860,000 |
| CRA- License Plate Recognition | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| CRA- Parking Garage Count System | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| CRA- Merrit Park Playground | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| CRA- Currie Commons Park | 0 | 0 | 200,000 | 0 | 0 | 200,000 |
| CRA Pompey Park Master Plan | 0 | 1,000,000 | 2,500,000 | 2,000,000 | 3,000,000 | 8,500,000 |
| CRA OSS Parking Garage LED Lights | 0 | 125,000 | 0 | 0 | 0 | 125,000 |
| CRA NE 3rd Ave/NE 3rd St Artists A1 | 0 | 1,600,000 | 0 | 0 | 0 | 1,600,000 |
| CRA Osceola Neighborhood Improvement | 0 | 0 | 13,000,000 | 0 | 0 | 13,000,000 |
| CRA West Atl/I-95 Inter Light | 53,000 | 0 | 0 | 0 | 0 | 53,000 |
| CRA OSS Building Maintenance | 463,300 | 0 | 0 | 0 | 0 | 463,300 |
| CRA SE 1st St 2 way Conversion | 250,000 | 0 | 0 | 0 | 0 | 250,000 |
| FDOT- Lowson Blvd Pedestrian Bridge | 0 | 500,000 | 4,791,978 | 0 | 0 | 5,291,978 |
| FDOT- Homewood Blvd MPO | 0 | 0 | 360,000 | 1,032,926 | 0 | 1,392,926 |
| FDOT- Lindell Blvd Loop Connection | 0 | 0 | 0 | 339,399 | 2,262,669 | 2,602,068 |
| FDOT- Congress Ave MPO | 0 | 0 | 0 | 0 | 5,113,090 | 5,113,090 |
| FDOT- Lindell Blvd Complete St | 0 | 0 | 0 | 1,628,243 | 10,854,951 | 12,483,194 |
| FDOT- Barwick Road Complete St | 0 | 0 | 0 | 1,418,505 | 9,456,704 | 10,875,209 |
| FDOT- Lowson Blvd- Mil Tr | 0 | 0 | 0 | 0 | 4,786,978 | 4,786,978 |
| Debt Service | 1,904,294 | 1,904,294 | 1,904,294 | 1,904,294 | 1,904,294 | 9,521,470 |
| Transfer to Special Projects Fund | 0 | 0 | 0 | 0 | 0 | 0 |
| Transfer to Rec Impact | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 11,379,094 | 8,019,294 | 26,616,272 | 11,323,367 | 40,578,686 | 97,916,713 |
| INFRASTRUCTURE SURTAX | | | | | | |
| Atl Ave ADA Sidewalk and E Atl Ave Disabled Parking Imp | 0 | 750,000 | 0 | 0 | 0 | 750,000 |
| Atlantic Dunes Park Nature Trail | 0 | 30,000 | 185,000 | 0 | 0 | 215,000 |
| Beach Promenade Lighting and Intersection Imp | 1,450,000 | 0 | 0 | 0 | 0 | 1,450,000 |
| City Marina Seawall Improvements | 0 | 2,500,000 | 0 | 0 | 0 | 2,500,000 |
| Delray Beach Library HVAC replacment | 380,000 | 0 | 0 | 0 | 0 | 380,000 |
| EOC/PD Feasibility Study | 215,000 | 250,000 | 0 | 0 | 500,000 | 965,000 |
| EOC Retrofit of DGBC Outfitting | 1,185,000 | 0 | 0 | 0 | 0 | 1,185,000 |
| ESD Complex Security Upgrades | 735,000 | 0 | 0 | 0 | 0 | 735,000 |
| Facilities Assessment Analysis | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| Fire Training Center | 3,600,000 | 0 | 0 | 0 | 0 | 3,600,000 |
| NE 2nd Ave/Seacrest Beautification Ph 1 | 875,000 | 0 | 0 | 0 | 0 | 875,000 |
| NE 2nd Ave/Seacrest Beautification Ph 2 | 1,692,106 | 0 | 0 | 0 | 0 | 1,692,106 |
| NE 2nd Ave/Seacrest Beautification Ph 3 | 0 | 1,897,764 | 0 | 0 | 0 | 1,897,764 |
| Parking Meters | 325,000 | 450,000 | 0 | 0 | 0 | 775,000 |
| Police Dept Renovations | 150,000 | 1,000,000 | 15,000,000 | 0 | 0 | 16,150,000 |
| Space Planning/Remodel FS 1, 2, 5 & 6 | 150,000 | 2,000,000 | 2,000,000 | 0 | 0 | 4,150,000 |
| Threat and Hazard Identification and Risk Assessment | 300,000 | 0 | 0 | 0 | 0 | 300,000 |
| Transfer to Special Projects Fund | 0 | 0 | 0 | 0 | 0 | 0 |
| Transer to Rec Impact | 0 | 0 | 0 | 0 | 0 | 0 |
| Debt Service Principal | 2,500,000 | 2,980,000 | 3,035,000 | 3,095,000 | 3,155,000 | 14,765,000 |
| Debt Service Interest | 452,270 | 539,196 | 480,249 | 420,175 | 358,925 | 2,250,815 |
| Project Reserve | 24,789,060 | 17,444,864 | 1,081,215 | 1,885,872 | 2,276,676 | 47,477,687 |
| TOTALS | 38,998,436 | 29,841,824 | 21,781,464 | 5,401,047 | 6,290,601 | 102,313,372 |
| GO BOND | | | | | | |

TABLE CI-CIP (ADOPTED by ORD 35-17)
FIVE YEAR CAPITAL IMPROVEMENTS SCHEDULE FOR PROJECTS > \$25,000

| PROJECT & FUND | FY 17/18 | FY 18/19 | FY 19/20 | FY 20/21 | FY 21/22 | TOTAL |
|---|------------------|------------------|------------------|------------------|------------------|-------------------|
| Pompey Park Shade Structure | 33,595 | 0 | 0 | 0 | 0 | 33,595 |
| Barwick Fitness Park Shade | 27,000 | 0 | 0 | 0 | 0 | 27,000 |
| Miracle League Field Resurfacing | 65,000 | 0 | 0 | 0 | 0 | 65,000 |
| Orchardview Park Plygrd Equip | 65,000 | 0 | 0 | 0 | 0 | 65,000 |
| Veterans Park Shade Structure | 40,000 | 0 | 0 | 0 | 0 | 40,000 |
| TOTALS | 230,595 | 0 | 0 | 0 | 0 | 230,595 |
| MARINA | | | | | | |
| Operating Costs | 98,174 | 100,137 | 102,140 | 104,183 | 106,267 | 510,901 |
| Engineering/Design | 100,000 | - | - | - | - | 100,000 |
| Transfer to General Fund | 51,434 | 52,463 | 53,512 | 54,582 | 55,674 | 267,665 |
| Project Reserve | 0 | 0 | 76,768 | 84,995 | 93,726 | 255,489 |
| TOTALS | 249,608 | 152,600 | 232,420 | 243,760 | 255,667 | 1,134,055 |
| WATER & SEWER | | | | | | |
| Other Professional Services | 0 | 0 | 0 | 0 | 0 | 0 |
| Lewis Cove Improvements | 387,638 | 0 | 0 | 0 | 0 | 387,638 |
| Reclaimed Water System Expansion Area 12 C | 2,272,380 | 0 | 0 | 0 | 0 | 2,272,380 |
| Reclaimed Water System Expansion Area 9 (The Set) | 200,000 | 1,647,700 | 0 | 0 | 0 | 1,847,700 |
| Reclaimed Water System Expansion Area 8 | 0 | 190,000 | 1,618,400 | 0 | 0 | 1,808,400 |
| Reclaimed Water System Expansion Area 15 | 0 | 0 | 200,000 | 0 | 1647000 | 1,847,000 |
| Reclaimed Water System expansion Area 10 | 0 | 0 | 0 | 200,000 | 2,055,000 | 2,255,000 |
| Reclaimed Water System Expansion Area 14 | 0 | 0 | 0 | 0 | 200,000 | 200,000 |
| SCRWWTP City's Contributions (For Plant CIP) | 600,000 | 650,000 | 700,000 | 750,000 | 800,000 | 3,500,000 |
| Project Reserve | - | 0 | 0 | 1,000,000 | 0 | 1,000,000 |
| TOTALS | 3,460,018 | 2,487,700 | 2,518,400 | 1,950,000 | 4,702,000 | 15,118,118 |
| WATER AND SEWER RENEWAL AND REPLACEMENT | | | | | | |
| Chlorine Residual Management | 250,000 | 400,000 | 275,000 | 0 | 0 | 925,000 |
| Data Warehouse Conversion HTE | 37,500 | 0 | 0 | 0 | 0 | 37,500 |
| Delray Shores Water Main Upgrades Phase 3 | 0 | 1,078,000 | 0 | 0 | 0 | 1,078,000 |
| Delray Shores Water Main Upgrades Phase 4 | 0 | 343,000 | 0 | 0 | 0 | 343,000 |
| El Dorado Lane Water Main Upgrade | 0 | 0 | 250,000 | 0 | 0 | 250,000 |
| Elevated Storage Tank Maintenance | 25,000 | 25,000 | 27,000 | 27,000 | 28,000 | 132,000 |
| FDOT Atlantic Ave at I-95 Improvements- Utility Conflicts | 550,000 | 0 | 0 | 0 | 0 | 550,000 |
| FDOT Linton Blvd at I-95 Improvements- Utility Conflicts | 645,000 | 0 | 0 | 0 | 0 | 645,000 |
| Force Main upgrades System 58A and 87 | 1,380,000 | 0 | 0 | 0 | 0 | 1,380,000 |
| Intracoastal Waterway Crossings- Water Main Upgrades | 3,300,000 | 0 | 0 | 0 | 0 | 3,300,000 |
| Lake Ida Road Force Main ARV Replacement | 132,000 | 0 | 0 | 0 | 0 | 132,000 |
| Large Meter Replacement Program | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Lewis Cove Improvements | 109,150 | 0 | 0 | 0 | 0 | 109,150 |
| Lift Station #1 Upgrade/Replacement | 1,540,000 | 0 | 0 | 0 | 0 | 1,540,000 |
| Lift Station Rehabilitation, Annual Program | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 600,000 |
| Lift Station Bldg Wet Well Rehabilitation | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 600,000 |
| NW 1st Ave/NW 2nd Ave Water Main Upgrades | 399,740 | 0 | 0 | 0 | 0 | 399,740 |
| NW 17th St Water Main upgrade | 140,415 | 0 | 0 | 0 | 0 | 140,415 |
| Production Well Rehabilitation | 150,000 | 175,000 | 175,000 | 175,000 | 175,000 | 850,000 |
| Prospect Street Water Main Upgrade | 389,620 | 0 | 0 | 0 | 0 | 389,620 |
| Public Utility Generator Repl | 0 | 300,000 | 300,000 | 300,000 | 300,000 | 1,200,000 |
| Reclaimed Water System Expansion Area 12 C | 929,610 | 0 | 0 | 0 | 0 | 929,610 |
| Reclaimed Water System Expansion Area 9 (The Set) | 0 | 796,500 | 0 | 0 | 0 | 796,500 |
| Reclaimed Water System Expansion Area 8 | 0 | 0 | 739,800 | 0 | 0 | 739,800 |
| Reclaimed Water System Expansion Area 15 | 0 | 0 | 0 | 0 | 796,500 | 796,500 |
| Reclaimed Water System Expansion Area 10 | 0 | 0 | 0 | 0 | 945,000 | 945,000 |
| San Sewere Manhole Rehab | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Sanitary Sewer Main Rehab | 200,000 | 350,000 | 350,000 | 350,000 | 350,000 | 1,600,000 |
| SCRWWTP City's Contributions(For Plant R&R) | 84,000 | 84,000 | 85,000 | 85,000 | 90,000 | 428,000 |
| Small Water Meter R&R | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| SW 11th Ave Water Main Upgrades | 336,490 | 0 | 0 | 0 | 0 | 336,490 |
| Tropic Palms Water Main Upgrades Phase 2 | 0 | 0 | 924,000 | 0 | 0 | 924,000 |
| Upgrade of Lift Station Telemetry System | 0 | 700,000 | 700,000 | 0 | 0 | 1,400,000 |
| Water Line Service Relocations | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| Water Valve Replacement | 25,000 | 36,000 | 36,000 | 36,000 | 36,000 | 169,000 |
| WTP Sodium Hypochlorite Tank Replacement | 50,000 | 0 | 0 | 0 | 0 | 50,000 |
| WTP Clarifier Rehabilitation | 490,000 | 0 | 0 | 0 | 0 | 490,000 |
| Water Distribution System Evaluation and WTP Upgrade | 250,000 | 400,000 | 400,000 | 400,000 | 0 | 1,450,000 |
| WTP Filter Drain valves | 95,000 | 95,000 | 95,000 | 95,000 | 0 | 380,000 |
| WATER AND SEWER RENEWAL AND REPLACEMENT | | | | | | |

TABLE CI-CIP (ADOPTED by ORD 35-17)
FIVE YEAR CAPITAL IMPROVEMENTS SCHEDULE FOR PROJECTS > \$25,000

| PROJECT & FUND | FY 17/18 | FY 18/19 | FY 19/20 | FY 20/21 | FY 21/22 | TOTAL |
|---|-------------------|------------------|------------------|------------------|------------------|-------------------|
| WTP Front End Loader Replacement | 160,000 | 0 | 0 | 0 | 0 | 160,000 |
| WTP Laboratory Mass Spectrometer Instrumentation Unit | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| WTP Lime Slaker Replacement | 247,500 | 247,500 | 0 | 0 | 0 | 495,000 |
| Project Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS | 12,356,025 | 5,620,000 | 4,796,800 | 1,908,000 | 3,160,500 | 27,841,325 |
| STORMWATER UTILITY FUND | | | | | | |
| Atlantic Ave & 2nd Ave Stormwater Improvements | 275,000 | 0 | 0 | 0 | 0 | 275,000 |
| Basin Pump Sta Upgrade | 172,500 | 0 | 0 | 0 | 0 | 172,500 |
| Block 8 Alley | 85,000 | 0 | 0 | 0 | 0 | 85,000 |
| Data Warehouse Conversion HTE | 37,500 | 0 | 0 | 0 | 0 | 37,500 |
| Debt Services Bonds | 51,141 | 51,141 | 51,141 | 51,141 | 51,141 | 255,705 |
| Delray Shores Water Main Upgrades Phase 3 | 0 | 462,000 | 0 | 0 | 0 | 462,000 |
| Delray Shores Water Main Upgrades Phase 4 | 0 | 147,000 | 0 | 0 | 0 | 147,000 |
| Draining Swales | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Lewis Cove Improvements | 33,972 | 0 | 0 | 0 | 0 | 33,972 |
| NE 2 Av/Seacrest Blvd | 55,000 | 50,000 | 76,000 | 100,000 | 0 | 281,000 |
| NE 7th Alley | 0 | 92,000 | 0 | 0 | 0 | 92,000 |
| NE 8th Ave Paving | 0 | 75,000 | 0 | 0 | 0 | 75,000 |
| Operating Expenses | 1,265,591 | 1,328,871 | 1,395,314 | 1,465,080 | 1,538,334 | 6,993,190 |
| Pump Station Rehab | 50,000 | 0 | 0 | 0 | 0 | 50,000 |
| Reclaimed Water System Expansion Area 12C | 241,010 | 0 | 0 | 0 | 0 | 241,010 |
| Reclaimed Water System Expansion Area 9 (The Set) | 0 | 306,500 | 0 | 0 | 0 | 306,500 |
| Reclaimed Water System Expansion Area 15 | 0 | 0 | 0 | 0 | 306,500 | 306,500 |
| Reclaimed Water System Expansion Area 8 | 0 | 0 | 191,800 | 0 | 0 | 191,800 |
| Reclaimed Water System Expansion Area 10 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| SE 4th Ave | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| Thomas Pump Station Upg | 0 | 172,500 | 0 | 0 | 0 | 172,500 |
| Tropic Palms Water Main Upgrades Phase 2 | 0 | 0 | 396,000 | 0 | 0 | 396,000 |
| Transfer to General Fund | 420,837 | 441,879 | 463,973 | 487,171 | 511,530 | 2,325,390 |
| Project Reserve | 0 | 0 | 0 | 216,218 | 0 | 216,218 |
| TOTALS | 2,787,551 | 3,426,891 | 2,674,228 | 2,419,610 | 2,807,505 | 14,115,785 |
| CITY GARAGE FUND | | | | | | |
| Power Boat | 0 | 68,500 | 0 | 0 | 0 | 68,500 |
| BearCat/Wheeled Armored Personnel Carrier | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| Special Operations Vehicle Replacement of 0684 | 0 | 0 | 0 | 880,000 | 0 | 880,000 |
| ALS rescue Replacement 200865, 200864 and 201167 | 450,000 | 472,500 | 0 | 496,125 | 0 | 1,418,625 |
| ALS 100 Ft. Platform to Replace 0950 | 0 | 0 | 1,500,000 | 0 | 0 | 1,500,000 |
| Project Reserve | 88,486 | 0 | 0 | 0 | 0 | 88,486 |
| Vehicle replacement | 1,974,300 | 2,022,686 | 815,080 | 1,291,376 | 2,720,971 | 8,824,413 |
| Vehicle restoration | 95,000 | 95,000 | 95,000 | 95,000 | 95,000 | 475,000 |
| TOTALS | 2,607,786 | 2,658,686 | 2,710,080 | 2,762,501 | 2,815,971 | 13,555,024 |