

CITY OF POMPANO BEACH

ADOPTED CAPITAL IMPROVEMENT PLAN



FISCAL YEARS
2017-2021



City Commission

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Vice Mayor, District 2

Barry Dockswell
Commissioner, District 1

Rex Hardin
Commissioner, District 3

Ed Phillips
Commissioner, District 4

Barry Moss
Commissioner, District 5

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Phyllis A. Korab, Assistant City Manager

Greg Harrison, Assistant City Manager

Brian Donovan, Deputy City Manager

Robert McCaughan, Public Works Director

John Hale, Police Chief

Mark Beaudreau, Recreation Programs Administrator

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Gene Zamoski, Information Technologies Director

A. Randolph Brown, Utilities Director

Miriam Carrillo, OHUI Director

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Horacio Danovich, CIP Manager

John Jurgle, Fire Chief

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GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
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PRESENTED TO

**City of Pompano Beach
Florida**

For the Fiscal Year Beginning

October 1, 2015

Executive Director

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the **City of Pompano Beach, Florida** for its annual budget for the fiscal year beginning **October 1, 2015**. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device.

This award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.

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Capital Improvement Plan Overview

Introduction

The City of Pompano Beach's Capital Improvement Plan (CIP) is a five year financial plan for funding the construction, acquisition and rehabilitation of the City's facilities, infrastructure and equipment. Although the CIP covers five years, the CIP is prepared annually, previously approved projects are carried forward and their completion schedules adjusted accordingly. All capital projects budgeted for the next fiscal year can be found in the Five Year Capital Improvement Plan Section by Funding Source. Each capital improvement project includes several essential components that provide for sufficient information, such as: project number, project description, funding source; prior, current and projected expenditures, an illustrative picture or map and the linkage with the Strategic Plan performance objectives.

Per Ordinance No. 2012-65 "Public Art," two percent (2%) of the estimated in place construction cost of the City's construction projects is required to be made to the Public Art Program. For FY 2017, this equates to an appropriation of \$166,272.

CIP Development Process

The process of preparing the CIP is one of the Planning and Zoning Division responsibilities. Planning and Zoning staff compiles individual department requests for capital improvement projects and updates existing projects with information obtained from the Engineering Division, Finance Department and the Budget Office. The following are the steps in the CIP development process:

1. City Departments and Divisions:
 - Assess needs for new facilities or upgrades of existing facilities and infrastructure;
 - Review existing master plans for project proposals;
 - Review existing capital projects and CIP cost estimates.
2. The CIP Manager compiles a record of all proposed capital projects, which have not been programmed for funding. In addition, the CIP Manager reviews all existing capital projects for changes in scope, cost and scheduling.
3. The Budget Office and Engineering Division review all proposed capital projects and funding requests of departments and divisions and develop recommendations for inclusion in the CIP.
4. The funding policies used to guide the timing and programming of capital improvement projects include, but are not limited to the following criteria:
 - Implements the City of Pompano Beach's Comprehensive Plan;
 - Protects the health and safety of the public;
 - Maintains prior infrastructure investments;

- Maximizes City's resources;
 - Complies with mandates and meets prior commitments;
 - Identifies as a high priority by the Master Plan;
 - Complies with the Americans with Disabilities Act (ADA) and/or is Leadership in Energy and Environmental Design (LEED) certified;
 - Complies with the Strategic Plan performance objectives;
 - Supports economic development.
5. The City Manager holds capital project review meetings to discuss and prioritize proposed projects and to identify any funding issues or constraints.
 6. The Planning & Zoning Division presents the Draft CIP to the Planning & Zoning Advisory Board for its review. Section 154.16 (D) (4) of the City Code of Ordinances requires that the Planning & Zoning Advisory Board submits the Five Year Recommended CIP to the City Manager not less than 90 days prior to the beginning of the budget year (October 1st).
 7. The City Manager reviews the Planning & Zoning Advisory Board's recommendations and develops the final Five Year Recommended CIP to be presented to the City Commission.
 8. The Five Year Recommended CIP is presented to the City Commission during July's budget workshop. The Plan includes the first year of revenues and appropriations, which is referred to as the Capital Budget.
 9. The City Commission reviews the Five Year Recommended CIP and Capital Budget and may direct changes to be made within any of the five years of the plan.
 10. The City Commission approves the Five Year CIP and Capital Budget along with the Annual Operating Budget.

Impact of Capital Improvements on Operating Budget

Identifying and determining the impact of capital improvements on the operating budget is an important aspect of the overall budget process. The City's capital improvement budget includes projects for the construction of new buildings and parks, the replacement or rehabilitation of dated City-owned buildings, bridges, parking lots, park amenities, watermains, well fields and membrane elements. These improvements will significantly enhance and expand the City's infrastructure by ensuring continued growth, safe roadway conditions and the structural integrity of bridges, providing for clean water and providing for a safe and attractive community.

Capital projects account for short-term and long-term effects on the City's operating budget (personnel, operating, maintenance and utilities). **Savings:** The Capital Improvement Plan supports capital projects that will decrease operating expenses by reducing costs associated with emergency repairs, maintenance of old systems, and energy inefficiency. For instance, the overall design standards utilized are geared towards constructing Leadership in Energy and Environmental Design (LEED) facilities, which is required

by the City's Code of Ordinances. **Costs:** Increases in operating expenses anticipated as a result of capital projects are mainly driven by the expansion of the City's infrastructure, such as: upgrades of new software solutions, water service area expansion and the addition of municipal buildings and sports facilities within the City limits.

Created in FY 2016, the Administrative Capital Fund is an example of the capital impact on the operating budget. This operating fund consists of capital improvement project administration activities. Revenues are generated as projects are administered. For FY 2017, the total revenue generated is \$1,194,062. The expenditures are broken down as follows: \$625,968 includes salaries and benefits for five employees (one CIP Manager, two Engineering Managers and two Engineering Inspectors); and \$568,094 accounts for operating expenses (administrative and internal service charges, equipment, software purchases and office supplies).

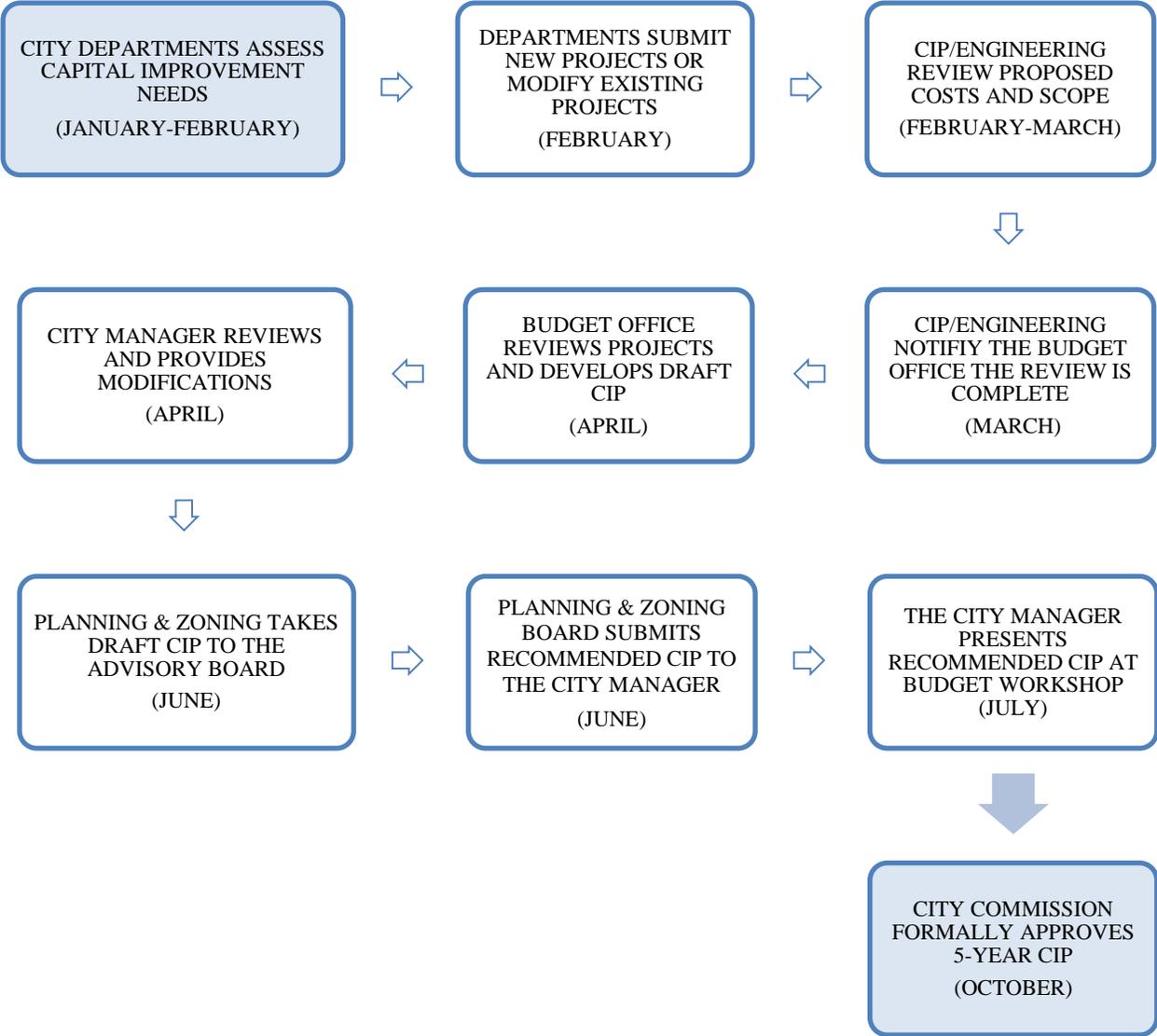
List of the Completed Capital Improvement Projects during FY 2016:

1. SE 9th Avenue Bridge Replacement and New Sidewalks (Project No. 05-901)
2. Hillsboro Inlet Bridge Rehabilitation over Hillsboro Inlet (Project No. 05-901)
3. City Hall Modernization (Project No. 07-924)
4. PSC Lobby Renovations (Project No. 07-930)
5. PSC Façade Improvements (Project No. 07-930)
6. Fire Station 11 (Project No. 08-951)
7. Utilities Field Office Replacement (Project No. 10-121)
8. Water Treatment Plant Install High Service Pump Motors (Project No. 11-157)
9. Fire Station 103 (Project No. 11-162)
10. Water Treatment Plant Electrical System Rehab (Project No. 11-194-Phase II)
11. Downtown Pompano Streetscape Improvements Project (MLK Boulevard Streetscape and Old Pompano) (Project No. 13-210)
12. Ali Building (Project No. 13-212)
13. Eta Nu (Project No. 13-213)
14. City Hall 3rd Floor Renovations (Project No. 13-221)
15. Beach Renourishment (Project No. 14-223)
16. Shelter at 11 Pines Project (Project No. 14-228)
17. Atlantic Boulevard Light Replacement Project (Project No. 14-231)
18. Water Treatment Plant Security/Facility Access Study (Project No. 14-233)
19. Parking Lot Divito's (Project No. 14-264)
20. Powerline Road and NW 9th Street (Project No. 15-253)
21. Community Park Baseball Netting (Project No. 15-265)
22. Pier Parking Garage (Project No. 15-271)
23. Mitchell Moore Concession Renovations (Project No. 15-274)

Five Year Capital Improvement Plan Summary

	Fiscal Year 2017	Five Year Total 2017-2021
General Capital Outlay		
General Capital Fund	\$10,681,743	\$32,049,978
Enterprise Funds Capital Outlay		
Utility Renewal & Replacement Capital Fund	\$6,250,000	\$36,680,196
Stormwater Utility Capital Fund	\$3,626,210	\$11,524,935
Airpark Capital Fund	<u>\$1,361,928</u>	<u>\$1,545,928</u>
Total All Capital Outlay Funds	\$21,919,881	\$81,801,037

CIP Process Flowchart



General Capital Fund

This section includes the capital plan for the General Capital Projects. The General Capital Budget in Fiscal Year 2017 (\$10,681,743) is supported by revenues from electric, gas and fuel utility taxes, local option gas tax, communication service tax, transfers from the General Fund, interest earnings, fund balance, and FDOT contributions. Funds are committed to several street and park improvements of \$10,193,566, project administrative fee \$487,203, and a working capital reserve for current and future projects of \$974.

The remaining portion of the General Capital Improvement Plan \$21,368,235 (FY 2018-FY 2021) is supported primarily by the same sources of revenues. Future projects include such projects as Seawall Maintenance, Kester Park Improvements etc.

This section is organized in the following manner:

Five Year Revenue and Appropriation Summary Projects:

1. Road Resurfacing Program [07-925]
2. Citywide Sidewalk Improvements [07-926]
3. General Government Buildings [07-924]
4. Implement Wayfinding Signage [16-275]
5. Traffic Signal Mast Arm Painting [12-197]
6. Major Bridge Repair/Rehab [05-901]
7. City Parking Lot Improvements/ ADA [10-123]
8. Canal Dredging 2016 [16-276]
9. Blanche Ely Museum Renovation [17-301]
10. Enhance Landscaping NE 10th Avenue [17-302]
11. Streetscape Improvements - FDOT Transfer Roads [17-303]
12. Seawall Maintenance [07-946]
13. Purchasing Building Renovations/Repairs [20-PW-002]
14. Refurbish Park Amenities [02-821]
15. Court Resurfacing [09-985]
16. Emma Lou Olson Civic Center Improvements [16-284]
17. North Pompano Hardscape and Landscape [17-304]
18. Kester Park Improvements [18-PR-002]
19. North Pompano Entrance from Federal Highway [19-PR-002]
20. Highlands Park renovations [20-PR-001]
21. Synthetic Turf at Athletic Field [20-PR-002]
22. Lifeguard Towers Replacement [17-311]
23. Fire Station #24 [16-285]
24. Fire Station Refurbishments [14-238]

General Capital Revenues

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
General Fund Transfer	\$1,350,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
Transfer from Park Acquisition & Improvement Fund	---	---	\$59,225	\$677,552	---
Project Fund Balance	\$1,000,000	\$974	\$417,802	\$644,412	\$489,558
Local Option Gas Tax	\$620,000	\$620,000	\$620,000	\$620,000	\$620,000
Interest Earnings	\$391,000	\$391,000	\$391,000	\$391,000	\$391,000
Gas Utility Tax	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Electric Utility Tax	\$1,950,000	\$1,950,000	\$1,950,000	\$1,950,000	\$1,950,000
FDOT Contributions	\$4,562,065	---	---	---	---
Communications Service Tax	\$758,678	\$758,678	\$758,678	\$758,678	\$758,678
Total Revenues	\$10,681,743	\$4,770,652	\$5,246,705	\$6,091,642	\$5,259,236

General Capital Appropriations

Name	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Road Resurfacing Program [07-925]	\$620,000	\$620,000	\$620,000	\$620,000	\$620,000
Citywide Sidewalk Improvements [07-926]	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000
General Government Buildings [07-924]	\$918,000	\$918,000	\$918,000	\$918,000	\$918,000
Implement Wayfinding Signage [16-275]	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000
Traffic Signal Mast Arm Painting [12-197]	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000
Major Bridge Repair/Rehab [05-901]	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
City Parking Lot Improvements/ ADA [10-123]	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000
Canal Dredging 2016 [16-276]	\$500,000	---	---	---	---
Blanche Ely Museum Renovation [17-301]	\$436,000	---	---	---	---
Enhance Landscaping NE 10th Avenue [17-302]	\$325,600	---	---	---	---
Streetscape Improvements - FDOT Transfer Roads [17-303]	\$4,562,065	---	---	---	---
Seawall Maintenance [07-946]	---	\$200,000	\$200,000	\$200,000	\$200,000
Purchasing Building Renovations/Repairs [20-PW-002]	---	---	---	\$80,000	\$358,000
Refurbish Park Amenities [02-821]	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Court Resurfacing [09-985]	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Emma Lou Olson Civic Center Improvements [16-284]	\$171,666	---	---	---	---

Name	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
North Pompano Hardscape and Landscape [17-304]	\$239,235	\$439,850	---	---	---
Kester Park Improvements [18-PR-002]	---	\$67,000	\$697,068	---	---
North Pompano Entrance from Federal Highway [19-PR-002]	---	---	\$59,225	\$677,552	---
Highlands Park Renovations [20-PR-001]	---	---	---	\$135,000	\$702,270
Synthetic Turf at Athletic Field [20-PR-002]	---	---	---	\$863,532	---
Lifeguard Towers Replacement [17-311]	\$313,000	---	---	---	---
Fire Station #24 [16-285]	\$1,020,000	\$1,020,000	---	---	---
Fire Station Refurbishments [14-238]	---	---	\$1,020,000	\$1,020,000	\$1,020,000
Total General Capital	\$10,193,566	\$4,352,850	\$4,602,293	\$5,602,084	\$4,906,270

General Capital Operating Expenses

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Project Admin Fee	\$487,203	---	---	---	---
Total	\$487,203	---	---	---	---

General Capital Reserves and Transfers

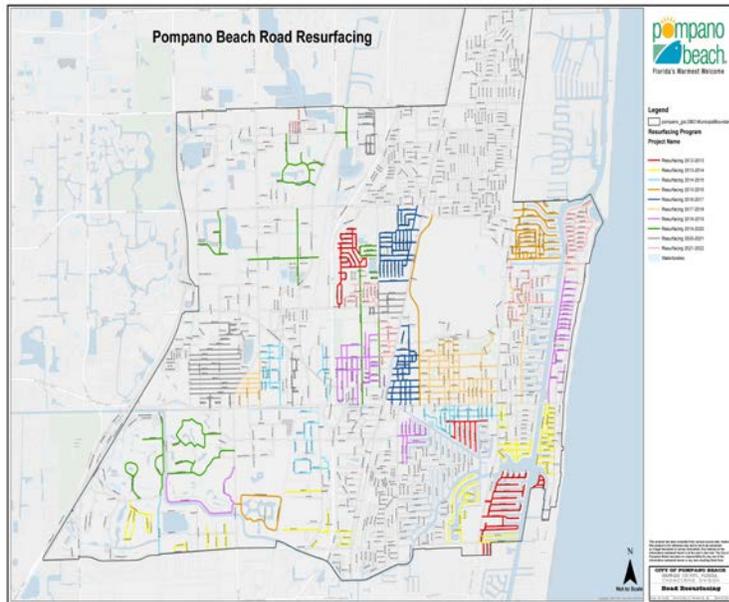
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Working Capital Reserve	\$974	\$417,802	\$644,412	\$489,558	\$352,966
Total	\$974	\$417,802	\$644,412	\$489,558	\$352,966

Total Appropriations

	\$10,681,743	\$4,770,652	\$5,246,705	\$6,091,642	\$5,259,236
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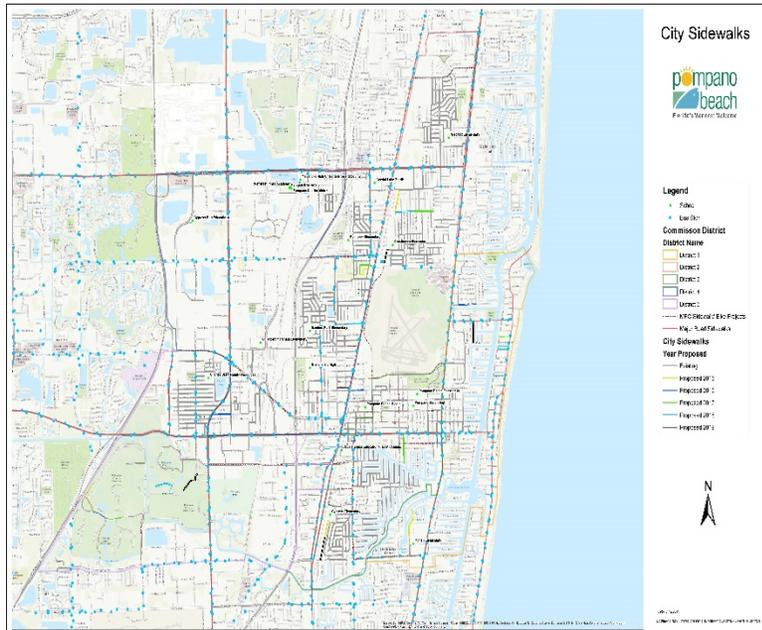
07-925

Road Resurfacing Program



Project Description: In 2016, the City commissioned a pavement condition study which ranked all the City's roadways. Roadways are then repaved based on their respective ranking and/or in conjunction with other capital improvement projects initiated by the City. Last year, the City repaved over 8 miles of roadways. Areas and neighborhoods recently repaved include Hillsboro Harbor, Santa Maria, Caliban Ridge, Jelks Subdivision, Gateway Industrial Center, Palm Aire Cypress Course Estates, Cypress Lake Estates, and Terra Mar Island Estates.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			12,157	12,157	12,157	12,157	12,157	60,785
Construction			607,843	607,843	607,843	607,843	607,843	3,039,215
Total	\$7,005,691	\$600,000	\$620,000	\$620,000	\$620,000	\$620,000	\$620,000	10,705,691



Project Description: This annual project includes installation of or repair to sidewalks throughout the City. The starting point for prioritization is based off of a 2007 study, which identified all of the missing sidewalks throughout the City. During FY 2016, the City utilized citywide Sidewalk Improvements funds to repair sidewalks and bring sidewalks into ADA compliance (install curb cuts and ADA Truncated Dome Pads). Priority for sidewalk installation is based on highest pedestrian demand: Safe Route to Schools, and public transit (Bus Stops). Specific requests by Home Owners Associations are also considered.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			2,000	2,000	2,000	2,000	2,000	10,000
Construction			100,000	100,000	100,000	100,000	100,000	500,000
Total	\$1,425,710	\$100,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$2,035,710

Strategy	Goal	Initiative
Superior Capacity	4.0. Mobility	4.1. Increase pedestrian movement and safety
Superior Capacity	4.0. Mobility	4.2. Increase bicycling and pedestrian network

07-924

General Government Buildings



Project Description: This annual project includes roof and/or minor window replacement, interior or exterior building repair and replacement of mechanical equipment on various City-owned facilities. In 2014, funding was increased by \$700K to address various maintenance improvements identified in the 2010 Facilities Assessment Report.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			18,000	18,000	18,000	18,000	18,000	90,000
Construction			900,000	900,000	900,000	900,000	900,000	4,500,000
Total	\$3,216,614	\$900,000	\$918,000	\$918,000	\$918,000	\$918,000	\$918,000	\$8,706,614

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.13. Improve aesthetic appearance of City facilities
Quality & Affordable Services	1.0 Safety	1.9. Expand the practice of crime prevention through environmental design
Superior Capacity	1.0 Energy	1.2. Retro-fit existing facilities as appropriate

16-275

Implement Wayfinding Signage



Project Description: The City has adopted a new standard for signage: gateway, directional, and destination. The plan is to implement this signage as new facilities are constructed and areas are re-developed. However, many of the existing signs are in disrepair and must be replaced independent of new construction or redevelopment. Implementing this program will ensure citywide consistency. During FY 2016, the City worked on sample units to determine actual costs, which helped derive the new budget.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			2,000	2,000	2,000	2,000	2,000	10,000
Construction			100,000	100,000	100,000	100,000	100,000	500,000
Total		\$100,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$610,000

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.12. Improve way-finding and gateways

12-197

Traffic Signal Mast Arm Painting



Project Description: This project is for the refurbishment of the traffic signal mast arm assemblies that have deteriorated. Scope of work includes stripping existing paint, priming, painting black, and required maintenance of traffic for thirteen (13) intersections with mast arms. Project also includes the vinyl wrapping of 80 traffic signal control boxes with artwork. During FY 2016, the City painted and treated several mast arms on Dixie Highway.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			2,000	2,000	2,000	2,000	2,000	10,000
Construction			100,000	100,000	100,000	100,000	100,000	500,000
Total	\$469,242	\$100,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$1,079,242

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.13. Improve aesthetic appearance of City facilities

05-901

Major Bridge Repair/Rehab



Project Description: This project provides for rehabilitation or replacement of various City-owned bridges. Major repairs and maintenance are vital to ensure the structural integrity of bridges. Future projects are determined by the Florida Department of Transportation yearly bridge Inspection Report. Two bridges will need attention in the near future: McNab Road Bridge and SE 5th Avenue Bridge. Funding is necessary to offset anticipated costs to replace these bridges.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			7,843	7,843	7,843	7,843	7,843	39,215
Construction			392,157	392,157	392,157	392,157	392,157	1,960,785
Outside Consulting/Design			95,000	95,000	95,000	95,000	95,000	475,000
Program Admin./Design			5,000	5,000	5,000	5,000	5,000	25,000
Total	\$4,996,976	\$450,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$7,946,976

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.13. Improve aesthetic appearance of City facilities

10-123

City Parking Lot Improvements/ADA



Project Description: This project consists of improvements to parking lots at City Facilities, including resurfacing and other improvements to comply with the Americans with Disability Act (ADA). Currently, the McNair Civic Center parking lot is not ADA compliant. The parking lot is under design and will be completed this fiscal year. In addition, this project will fund other non-ADA compliant facilities.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			2,000	2,000	2,000	2,000	2,000	10,000
Construction			100,000	100,000	100,000	100,000	100,000	500,000
Total	\$425,597	\$100,000	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$1,035,597

Strategy	Goal	Initiative
Superior Capacity	4.0 Mobility	4.1. Increase pedestrian movement and safety



Project Description: Dredging critically shoaled canals is necessary to improve the quality of boating and alleviate water safety hazards. A canal study is being performed in FY16 to determine which canals need to be dredged to accommodate drainage and boating. Funds are being allocated for anticipated dredging activity.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			9,804					9,804
Construction			490,196					490,196
Total		\$100,000	\$500,000					\$600,000

Strategy	Goal	Initiative
Superior Capacity	4.0 Mobility	4.6. Improve City waterways
Superior Capacity	8.0 Ocean Rise	8.1. Prepare for long term impacts of ocean rise
Superior Capacity	8.0 Ocean Rise	8.2. Develop appropriate policies or standards

17-301

Blanche Ely Museum Renovation



Project Description: The Ely Educational Museum is home to local educational and civic pioneers of Pompano Beach’s African-American community. The vision for this home is that it will display historic artifacts depicting Blanche and Joseph Ely’s commitment to the school and community. For this to occur, ADA improvements must be made which will enable the City to change the Certificate of Occupancy from a residence into a community educational facility and cultural heritage museum.

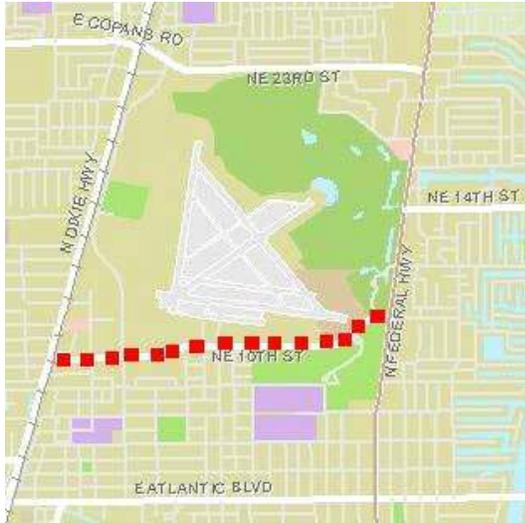
The Blanche Ely House is located on the northeast corner of NW 15th Street and NW 6th Avenue. The total request for \$436,000 and includes interior and exterior remodeling as well as operational costs to program the facility in the first year.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			6,789					6,789
Construction			339,436					339,436
Contingency			25,650					25,650
Outside Consulting/Design			\$51,300					\$51,300
Permit Fees			\$12,825					\$12,825
Total			\$436,000					\$436,000

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.8. Further develop and promote cultural/heritage tourism opportunities

17-302

Enhance Landscaping NE 10th Avenue



Project Description: The landscaping along NE 10th Avenue needs enhancements to match recent enhancements made to NE 5th Avenue and the east end of NE 10th Avenue, to complete the corridor. The project’s scope includes planting mature trees, installing new irrigation, and sod.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			5,600					5,600
Construction			280,000					280,000
Outside Consulting/Design			40,000					40,000
Total			\$325,600					\$325,600

Strategy	Goal	Initiative
Great Places	5.0 Corridor Redevelopment	5.4. Improve overall aesthetic appearances

17-303

Streetscape Improvements - FDOT Transfer Roads



Project Description: The City plans to accept the transfer of Dixie Highway from the south City boundary to the north, and Atlantic Boulevard from NW 6 Avenue to A1A. As a result, FDOT will transfer programmed funds set aside by the agency to offset costs of resurfacing activities. The funds will be utilized to conduct streetscape improvements at various locations within the corridors.

Funding Source: FDOT Contributions								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Construction			4,562,065					4,562,065
Total			\$4,562,065					\$4,562,065

Strategy	Goal	Initiative
Great Places	5.0 Corridor Redevelopment	5.1. Begin implementation of corridor studies and plans for Federal Highway, Atlantic Boulevard and Dixie Highway
Great Places	5.0 Corridor Redevelopment	5.3. Support and facilitate development of an education corridor along MLK
Great Places	5.0 Corridor Redevelopment	5.4. Improve overall aesthetic appearances

07-946

Seawall Maintenance



Project Description: The City is responsible for the maintenance of seawalls along City-owned property; there is approximately 2,000 linear feet of seawall along various canals and waterways. In 2007, PBS & J produced a report that assessed and ranked all the City's seawalls. Maintenance can include rebuilding portions, grouting leaks and total reconstruction.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			2,843	2,843	2,843	2,843	2,843	11,372
Construction			142,157	142,157	142,157	142,157	142,157	568,628
Outside Consulting/Design			45,000	45,000	45,000	45,000	45,000	180,000
Permit Fees			10,000	10,000	10,000	10,000	10,000	40,000
Total	\$2,066,636		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,866,636

Strategy	Goal	Initiative
Superior Capacity	4.0 Mobility	4.6. Improve City waterways

20-PW-002

Purchasing Building Renovations/Repairs



Project Description: Replace existing roof and windows, re-paint warehouse building and main offices. Interior work to Purchasing building shall include: laminating new drywall over all interior office walls, painting, new ceiling panels, new light fixtures, and added security system.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)							7,020	7,020
Construction							350,980	350,980
Outside Consulting/Design						80,000		80,000
Total						\$80,000	\$358,000	\$438,000

02-821

Refurbish Park Amenities



Project Description: This project involves the replacement of worn out park amenities at all City parks. Park amenities include playground equipment, shade structures, benches, trash receptacles, lighting, fences, grills, etc. The replacement of these facilities will be performed by in-house staff. Currently staff is working to replace shelters at Community Park. Funding is recommended to be increased by \$50,000 per year to enhance the replacement of playground equipment.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			2,941	2,941	2,941	2,941	2,941	14,705
Construction			147,059	147,059	147,059	147,059	147,059	735,295
Total	\$1,299,424	\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$2,149,424

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.13. Improve aesthetic appearance of City facilities
Great Places	2.0 Tourism	2.6. Improve City parks

09-985

Court Resurfacing



Project Description: The City has an inventory of over 60 athletic courts which include tennis, basketball, handball, volleyball, shuffleboard and bocce ball. The City must continuously maintain these courts to ensure safe, enjoyable play. For FY 2016, the City resurfaced the basketball courts at the George Brummer Park and it is planning to resurface the McNair Park courts.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			588	588	588	588	588	2,940
Construction			29,412	29,412	29,412	29,412	29,412	147,060
Total	\$218,984	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$398,984

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.5. Develop facilities to ensure the City can compete in targeted sports tourism markets
Superior Capacity	3.0 Recreation	3.2. Develop facilities to match the changing recreational needs and preferences of the community

16-284

Emma Lou Olson Civic Center Improvements



Project Description: This project involves replacement of flooring providing ADA accessible bathrooms and countertops, installing fire rated doors, adding storage space, and renovating reception/front desk area.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			3,366					3,366
Construction			168,300					168,300
Total		\$33,000	\$171,666					\$204,666

Strategy	Goal	Initiative
Superior Capacity	1.0 Energy	1.2. Retro-fit existing facilities as appropriate
Superior Capacity	3.0 Recreation	3.2. Develop facilities to match the changing recreational needs and preferences of the community

17-304

North Pompano Hardscape and Landscape



Project Description: This project calls for repaving, landscape structures, furnishings, rehabilitation of existing concession stands and landscaping. Additionally, the ball fields will be converted to rectangular fields to assist in the increase in demand for field use.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)				8,625				8,625
Construction				431,225				431,225
Program Admin./Design			239,235					239,235
Total			\$239,235	\$439,850				\$679,085

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.13. Improve aesthetic appearance of City facilities
Great Places	2.0 Tourism	2.6. Improve City parks

18-PR-002

Kester Park Improvements



Project Description: This project calls for improvements to existing open fields, ball field, dug outs and playground facilities.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)					13,668			13,668
Construction					683,400			683,400
Outside Consulting/Design				67,000				67,000
Total				\$67,000	\$697,068			\$764,068

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.6. Improve City parks

19-PR-002

North Pompano Entrance from Federal Highway



Project Description: Currently, this park can only be accessed from NE 18th Ave to NE 43rd Court, both of which are residential streets. A critical component to the success of the future development of this community park is access from Federal Highway.

Funding Source: Transfer from Park Acquisition & Improvement Fund								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)						13,285		13,285
Construction						664,267		664,267
Program Admin./Design					59,225			59,225
Total					\$59,225	\$677,552		\$736,777

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.6. Improve City parks
Superior Capacity	3.0 Recreation	3.2. Develop facilities to match the changing recreational needs and preferences of the community

20-PR-001

Highlands Park Renovations



Project Description: An additional 1600 linear feet of fitness/jogging path will be added and ample lighting upgraded around the basketball area to increase teen usage. Design costs are budgeted in FY 20.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)							13,770	13,770
Construction							688,500	688,500
Outside Consulting/Design						135,000		135,000
Total						\$135,000	\$702,270	\$837,270

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.14. Increase recreation programs and activities for teens
Great Places	2.0 Tourism	2.6. Improve City parks
Superior Capacity	3.0 Recreation	3.2. Develop facilities to match the changing recreational needs and preferences of the community

20-PR-002

Synthetic Turf at Athletic Field



Project Description: Synthetic Turf is a smart solution for the athletic field because the City has an escalating need for durable fields that accommodate multiple sports teams and activities. The high cost of maintaining a grass sports field, and the need to conserve water, have prompted a rising number of schools and parks to turn to synthetic turf to meet their program needs. Today's Synthetic Turf is designed to simulate the experience of practicing and playing on the best grass fields.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)						16,932		16,932
Construction						846,600		846,600
Total						\$863,532		\$863,532

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.6. Improve City parks
Superior Capacity	3.0 Recreation	3.2. Develop facilities to match the changing recreational needs and preferences of the community
Superior Capacity	6.0. Growth Capacity	6.4. Ensure capacity for growth in parks

17-311

Lifeguard Towers Replacement



Project Description: Replacement of four (4) lifeguard towers.

Funding Source: General Capital Fund 302								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment			313,000					313,000
Total			\$313,000					\$313,000

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.6. Improve City parks
Superior Capacity	3.0 Recreation	2.5. Develop facilities to ensure the City can compete in targeted sports tourism markets
Superior Capacity	6.0. Growth Capacity	6.1. Ensure capacity for growth in public safety services
Quality and Affordable Services	1.0 Safety	1.2. Improve disaster response
Quality and Affordable Services	1.0 Safety	1.3. Enhance police, fire and EMS response levels and times

16-285

Fire Station #24



Project Description: Design and reconstruction of an existing fire station supporting rescue services in and around Pompano Beach Municipal Airpark, the Highlands, east to the Intracoastal and south to McNab Road. The design will include provisions for a +/-13,000 square feet facility with capacity for 4 fire apparatus. This facility is outdated and in need of replacement. Subject to design review and considerations, staff intends to keep the existing station open while a new building is constructed directly adjacent. Staff will consider temporary installation of a trailer, if necessary. Staff is currently negotiating contracts with No. 1

ranked team West Construction, Inc./Currie Sowards Aguila Architects. Work is expected to start on in the beginning of October, 2016.

Funding Source: General Fund Transfer								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			20,000	20,000				40,000
Construction			1,000,000	1,000,000				2,000,000
Total		\$1,000,000	\$1,020,000	\$1,020,000				\$3,040,000



Project Description: This project consists of renovating existing City fire stations and training tower. Work involves modernizing facilities to include fixture and roof replacements, the upgrade of mixed gender use, ADA compliance and to meet current storm standards. Funding is intended to be used to renovate/replace Fire Station 61, currently located at 2121 NW 3rd Avenue. Fire Station 61 was originally built over forty years ago to serve the Drug Enforcement Administration. It has been adapted and used

as a fire station for about 30 years. Existing building measures 8,645 square foot. Additionally, funding will be used to renovate or rebuild Fire Station 52, currently located currently located at 10 SW 27 Avenue just south of Atlantic Boulevard.

Funding Source: General Fund Transfers								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)					20,000	20,000	20,000	60,000
Construction				1,000,000	1,000,000	1,000,000	3,000,000	
Total	\$924,523	\$1,000,000		\$1,020,000	\$1,020,000	\$1,020,000	\$4,984,523	

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.6. Improve City parks
Superior Capacity	3.0 Recreation	3.2. Develop facilities to match the changing recreational needs and preferences of the community
Superior Capacity	6.0. Growth Capacity	6.4. Ensure capacity for growth in parks

Utility Renewal and Replacement Capital Fund

This section includes the capital plan for the Utility Renewal and Replacement Capital Fund. The Utility Renewal and Replacement Capital Fund Budget in Fiscal Year 2017 (\$6,250,000) is supported by revenues from water and wastewater user charges, interest earnings and fund balance. Funds are committed to such projects as Reuse Treatment Plant Maintenance, Well Maintenance Program, Water Meter Replacement Program, etc. of \$4,044,500, project administrative fee \$427,401, and a working capital reserve for current and future projects of \$1,778,099. Working Capital Reserve is being increased to pay for larger Utility projects in the near future.

The remaining portion of the Utility Renewal and Replacement Capital Improvement Plan \$30,430,196 (FY 2018-FY 2021) is supported by the same sources of revenues. Future projects include: Membrane Element Replacement, Wastewater Master Plan Update 2021, Wastewater Lyons Park Neighborhood, etc.

This section is organized in the following manner:

Five Year Revenue and Appropriation Summary Projects:

1. Reuse Treatment Plant Maintenance [05-887]
2. Well Maintenance Program [07-932]
3. Water Treatment Plant - Maintenance [05-886]
4. Reuse Distribution Expansion [06-904]
5. Water Main Replacement Program [07-931]
6. Water Treatment Plant - Electrical System Rehabilitation [11-194]
7. Water Meter Replacement Program [17-305]
8. Water Plant Concentrate Deep Well Re-Lining [17-306]
9. Water Treatment Plant- Recarbonation Feed System Rehabilitation [17-307]
10. Hurricane Hardening For Water Plant Facilities [16-289]
11. Reuse Plant Facility Painting [16-290]
12. Water Treatment Plant Facility - Painting [15-256]
13. Utility Asset Management Development and Implementation [15-259]
14. Water Treatment Plant - Concentrate Treatment Study [18-WS-001]
15. Water Supply Plan Update 2018 [18-WS-003]
16. Water Master Plan Update 2018 [18-WS-004]
17. Reuse Master Plan Update 2018 [18-WS-005]
18. Water Treatment Plant Transfer Station Rehabilitation [18-WS-006]
19. Water Treatment Plant - Ammonia Feed System Rehab [18-WS-007]
20. Water Treatment Plant - Membrane Element Replacement [08-952]
21. Water Plant Lime Softening Process Rehabilitation [16-287]
22. Water Plant Filter Level Control Modifications [20-WS-001]

23. Saltwater Intrusion [20-WS-002]
24. Water Conservation Program [10-988]
25. Wastewater - Sanitary Sewer Manhole Rehabilitation [02-828]
26. Wastewater - Lift Station Rehabilitation [08-968]
27. Wastewater - Collection Re-Lining [04-870]
28. Wastewater - Gravity Collection System Expansion [15-260]
29. Wastewater Master Plan Update 2021 [21-WS-001]
30. Wastewater- Lyons Park Neighborhood [21-WS-002]

Utility Renewal and Replacement Revenues

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Water and Wastewater Operating Transfer	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000
Interest Earnings	\$181,000	\$181,000	\$181,000	\$181,000	\$181,000
Budgetary Retained Earnings	\$69,000	\$1,778,099	\$1,954,899	\$133,699	\$1,839,499
Total Revenues	\$6,250,000	\$7,959,099	\$8,135,899	\$6,314,699	\$8,020,499

Utility Renewal and Replacement Appropriations

Name	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Reuse Treatment Plant Maintenance [05-887]	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Well Maintenance Program [07-932]	\$75,000	\$163,200	\$163,200	\$163,200	\$163,200
Water Treatment Plant - Maintenance [05-886]	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000
Reuse Distribution Expansion [06-904]	\$306,000	\$306,000	\$306,000	\$306,000	\$306,000
Water Main Replacement Program [07-931]	\$204,000	\$408,000	\$408,000	\$408,000	\$408,000
Water Treatment Plant - Electrical System Rehabilitation [11-194]	\$175,000	\$800,000	\$4,450,000	---	---
Water Meter Replacement Program [17-305]	\$50,000	---	\$300,000	\$300,000	\$300,000
Water Plant Concentrate Deep Well Re-Lining [17-306]	\$1,120,000	---	---	---	---
Water Treatment Plant- Recarbonation Feed System Rehabilitation [17-307]	\$427,000	---	---	---	---
Hurricane Hardening For Water Plant Facilities [16-289]	\$100,000	---	---	---	---
Reuse Plant Facility Painting [16-290]	\$200,000	---	---	---	---
Water Treatment Plant Facility - Painting [15-256]	\$300,000	---	---	---	---
Utility Asset Management Development and Implementation [15-259]	---	\$75,000	\$100,000	---	---
Water Treatment Plant - Concentrate Treatment Study [18-WS-001]	---	\$100,000	---	---	---
Water Supply Plan Update 2018 [18-WS-003]	---	\$225,000	---	---	---
Water Master Plan Update 2018 [18-WS-004]	---	\$140,000	---	---	---
Reuse Master Plan Update 2018 [18-WS-005]	---	\$75,000	---	---	---
Water Treatment Plant Transfer Station Rehabilitation [18-WS-006]	---	\$1,735,000	---	---	---
Water Treatment Plant - Ammonia Feed System Rehab [18-WS-007]	---	\$327,000	---	---	---

Name	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Water Treatment Plant - Membrane Element Replacement [08-952]	---	---	---	\$417,000	\$417,000
Water Plant Lime Softening Process Rehabilitation [16-287]	---	---	---	\$306,000	---
Water Plant Filter Level Control Modifications [20-WS-001]	---	---	---	\$250,000	---
Saltwater Intrusion [20-WS-002]	---	---	---	\$100,000	---
Water Conservation Program [10-988]	---	---	---	---	\$100,000
Wastewater - Sanitary Sewer Manhole Rehabilitation [02-828]	\$62,500	\$50,000	\$500,000	\$100,000	\$100,000
Wastewater - Lift Station Rehabilitation [08-968]	\$325,000	\$400,000	\$400,000	\$400,000	\$400,000
Wastewater - Collection Re-Lining [04-870]	---	\$500,000	\$500,000	\$500,000	\$500,000
Wastewater - Gravity Collection System Expansion [15-260]	---	---	\$175,000	\$525,000	---
Wastewater Master Plan Update 2021 [21-WS-001]	---	---	---	---	\$175,000
Wastewater- Lyons Park Neighborhood [21-WS-002]	---	---	---	---	\$3,900,000
Total Utility Renewal and Replacement	\$4,044,500	\$6,004,200	\$8,002,200	\$4,475,200	\$7,469,200

Utility Renewal and Replacement Operating Expenses

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Project Admin Fee	\$427,401	---	---	---	---
Total	\$427,401	---	---	---	---

Utility Renewal and Replacement Reserves and Transfers

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Working Capital Reserve	\$1,778,099	\$1,954,899	\$133,699	\$1,839,499	\$551,299
Total	\$1,778,099	\$1,954,899	\$133,699	\$1,839,499	\$551,299

Total Appropriations

	\$6,250,000	\$7,959,099	\$8,135,899	\$6,314,699	\$8,020,499
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05-887

Reuse Treatment Plant Maintenance



Project Description: Allocated for maintenance, replacement, reconditioning and installation of reuse plant pumps, motors, piping, valves, electrical switch gear and equipment, chemical feed equipment and infrastructure as needed.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment			250,000	250,000	250,000	250,000	250,000	1,250,000
Total	\$1,470,585	\$275,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,995,585

Strategy	Goal	Initiative
Superior Capacity	2.0 Water	2.1. Expand reuse capacities

07-932

Well Maintenance Program



Project Description: This ongoing project includes various maintenance, rehabilitation, and operational enhancements to the existing well fields and may include routine maintenance and rehabilitation where circumstances dictate. In addition, the project will include well field optimization, remote telemetry, concentrate deep well testing and maintenance and enhanced well field security. Department of Health compliance and the Florida Department of Environmental Protection requires the Utilities Department to test the concentrate injection well for integrity on a yearly basis.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			1,471	3,200	3,200	3,200	3,200	14,271
Construction			73,529	160,000	160,000	160,000	160,000	713,529
Total	\$791,596	\$160,000	\$75,000	\$163,200	\$163,200	\$163,200	\$163,200	\$1,679,396

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

05-886

Water Treatment Plant – Maintenance



Project Description: This project includes various maintenance, rehabilitation, and operational enhancements to the existing water treatment plant and membrane plant. Sub projects include, security, chemical feed system repairs and installations, electrical switch gear maintenance and various upgrades.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment			450,000	450,000	450,000	450,000	450,000	2,250,000
Total	\$3,123,405	\$500,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$5,873,405

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards
Quality & Affordable Services	1.0 Safety	1.7. Ensure adequate water resources for current and future population

06-904

Reuse Distribution Expansion



Project Description: This annual project continues with the installation of the reuse distribution system in Service Areas 1 through 4, as detailed in the Reuse Water Master Plan, which represents service to over 1,000 acres. The City is looking to enter into an interagency local agreement with Lighthouse Point installing reuse piping. Lighthouse Point will mandate residential, commercial and industrial customers to connect for irrigation (over 500 connections).

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			6,000	6,000	6,000	6,000	6,000	30,000
Construction			300,000	300,000	300,000	300,000	300,000	1,500,000
Total	\$5,513,180	\$300,000	\$306,000	\$306,000	\$306,000	\$306,000	\$306,000	\$7,343,180

Strategy	Goal	Initiative
Superior Capacity	2.0 Water	2.1. Expand reuse capacities

07-931

Water Main Replacement Program



Project Description: This annual project is to continue the replacement of undersized galvanized water mains as well as unlined cast iron distribution mains throughout the City.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			4,000	8,000	8,000	8,000	8,000	36,000
Construction			200,000	400,000	400,000	400,000	400,000	1,800,000
Total	\$2,364,168	\$400,000	204,000	\$408,000	\$408,000	\$408,000	\$408,000	\$4,600,168

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards
Superior Capacity	2.0 Water	2.2. Expand conservation efforts and other water efficiency efforts

11-194 Water Treatment Plant - Electrical System Rehabilitation



Project Description: Renovation of the old electrical system in the Water Treatment Plant. The renovation includes all 5kv high service pumps and starters, all electrical switches, gears and main electrical distribution systems. These issues were identified for the first two phases of the Electrical Master Plan for the high service pump 1 - 4 building. Phases III & IV will continue the renovation for the high service 5-6 building. Phase V of the renovation will include the transfer pump building and three remaining electrical buildings. These systems are over 20-40 years old and have had increased failures.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment					4,450,000			4,450,000
Outside Consulting/Design			175,000	800,000				975,000
Total		\$2,652,172	\$175,000	\$800,000	\$4,450,000			\$8,077,172

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

17-305

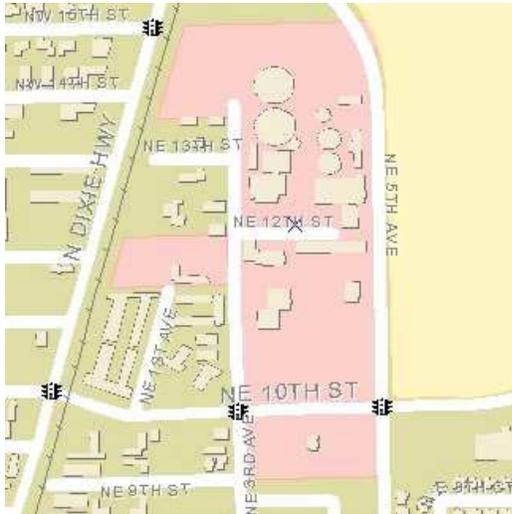
Water Meter Replacement Program



Project Description: The AMI project was completed in 2012. As part of that project, Siemens has replaced all meters greater than 5 years old and updated meters that were less than 5 years old as of March 2011. This project resumes the meter replacement program in 2019. Once resumed, the program will replace meters that were not replaced during the AMI project. A schedule will eventually be enacted to replace 10% of the meters per year to ensure proper accounting for compliance and sales. Resumption of the program will ensure that we continue to have low volumes of non-revenue (lost) water. The American Water Works Association (AWWA) standards require that water meters be tested after 10 years of service.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment			50,000		300,000	300,000	300,000	950,000
Total			\$50,000		\$300,000	\$300,000	\$300,000	\$950,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards



Project Description: In order to operate the membrane water treatment plant, the concentrate (reject waste stream) must be disposed of via deep well injection which is a necessary component of the membrane treatment operation. The existing deep well located on the Water Treatment Plant's site receives the concentrate for disposal. The Department of Environmental Protection (DEP) mandates mechanical integrity testing (MIT) of this deep well as required by our Deep Well Permit with the State. The most recent MIT in 2014 indicated a need for replacement or relining of this deep well. It has been determined by the City's Consultant (MWH) that relining would be the most cost-effective solution.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment			1,000,000					1,000,000
Outside Consulting/Design			120,000					120,000
Total			\$1,120,000					\$1,120,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards
Quality & Affordable Services	1.0 Safety	1.7. Ensure adequate water resources for current and future population

17-307

Water Treatment Plant- Recarbonation Feed System Rehabilitation





Project Description: Per the Facilities Assessment, subsequent CDM study (Building Structural Review for Hurricane Hardening Grant) that was previously conducted, and current Florida Building Code wind load requirements, it has been determined that some of the Water Plant facility still requires structural modifications and hurricane rated impact windows and doors for adequate hurricane hardening of the Water Treatment Plant.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment			100,000					100,000
Total		\$475,000	\$100,000					\$575,000

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.13. Improve aesthetic appearance of City facilities
Superior Capacity	1.0 Energy	1.2. Retro-fit existing facilities as appropriate

16-290

Reuse Plant Facility Painting



Project Description: This project is for the painting of the Reuse Plant building structures. These structures include the main building, chemical building, north and south filters and two storage tanks onsite. These structures have not been repainted since their installation in 1988 and 2001 and their coatings have met and exceeded their service life.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% Construction)			3,922					3,922
Construction			196,078					196,078
Total		\$250,000	\$200,000					\$450,000

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.13. Improve aesthetic appearance of City facilities

15-256

Water Treatment Plant Facility - Painting



Project Description: The water treatment plant facility has not been painted for over 25 years: There is superficial cracking allowing moisture to get into the concrete that can cause deterioration of the concrete and the reinforced iron rebar. The cracks in the facility must be repaired and sealed, then a top coat of uniformed color coating applied to improve the structural and aesthetic appearance of the facility.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			5,882					5,882
Construction			294,118					294,118
Total	\$196,000	\$250,000	\$300,000					\$746,000

Strategy	Goal	Initiative
Great Places	2.0 Tourism	2.3. Enhance the range and quality of beach activity options, including beach related events
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

15-259

Utility Asset Management Development and Implementation



Project Description: This project is the development and implementation of a utility asset management program. The software, consulting/design for this program will enhance the life of the utility assets, identify future CRP/CIP projects, assist with compliance and increase reliability.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment				75,000	100,000			175,000
Total	\$200,000	\$325,000		\$75,000	\$100,000			\$700,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

18-WS-001

Water Treatment Plant - Concentrate Treatment Study



Project Description: Study the available technologies capable of treating the membrane plant concentrate water to drinking water standards as an alternative drinking water supply.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Program Admin./Design				100,000				100,000
Total				\$100,000				\$100,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards



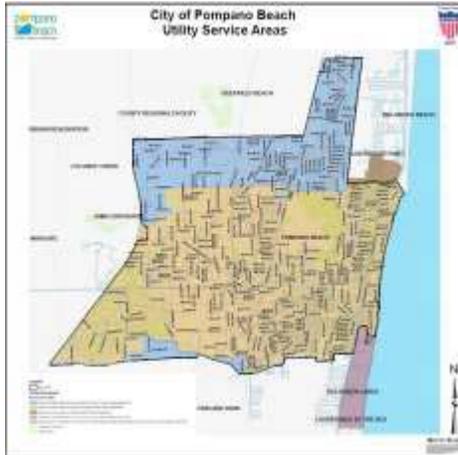
Project Description: This project consists of preparing the Water Supply Plan. This plan is required to be updated every five years and approved by the South Florida Water Management District and the State. This plan must be adopted, along with the relevant Comprehensive Plan Elements, within 18 months of the South Florida Water Management District approving the Lower East Coast Water Supply Plan.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Outside Consulting/Design				225,000				225,000
Total				\$225,000				\$225,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards
Quality & Affordable Services	1.0 Safety	1.7. Ensure adequate water resources for current and future population

18-WS-004

Water Master Plan Update 2018



Project Description: The Water Master Plan update is required every five years in order to evaluate the water distribution system and source water wells condition, current operations and future demands. This update is required per the City Comprehensive Plan and provides assessments needed for the Water Supply Plan, as well as planning for capital improvement projects.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Outside Consulting/Design				140,000				140,000
Total				\$140,000				\$140,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

18-WS-005

Reuse Master Plan Update 2018



Project Description: Current Reuse Master Plan update was completed in 2014. The data is required for the state mandated Water Supply Plan due in FY 2018.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Outside Consulting/Design				75,000				75,000
Total				\$75,000				\$75,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.7. Ensure adequate water resources for current and future population
Superior Capacity	2.0 Water	2.1. Expand reuse capacities

18-WS-006

Water Treatment Plant Transfer Station Rehabilitation



Project Description: Rehabilitation of the transfer station switchgear, adding VFDs to the pumps and piping.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)				10,000				10,000
Construction				500,000				500,000
New Equipment				1,100,000				1,100,000
Outside Consulting/Design				125,000				125,000
Total				\$1,735,000				\$1,735,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

18-WS-007

Water Treatment Plant Ammonia Feed System Rehab.



Project Description: The Ammonia Feed System is beyond its useful life (40 years) and is due for replacement. The bulk storage tanks will be replaced and the feed system will be modernized to provide greater control over the feed process.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)				2,000				2,000
Construction				100,000				100,000
New Equipment				200,000				200,000
Outside Consulting/Design				25,000				25,000
Total				\$327,000				\$327,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

08-952 Water Treatment Plant - Membrane Element Replacement



Project Description: This ongoing project consists of replacing the membrane elements (filters) when needed. The membrane elements are used to purify water to make it potable and requires replacement every 5 years. All filters were replaced in FY 2016. Funding will be budgeted over a multi-year period to provide for full replacement.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment						417,000	417,000	834,000
Total	\$702,500	\$500,000				\$417,000	\$417,000	\$2,036,500

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards

16-287

Water Plant Lime Softening Process Rehabilitation



Project Description: The Water Treatment Plant has two (2) distinct treatment processes, lime softening and membrane. A recent evaluation conducted by City Consultant, Carollo Engineers, compared either expanding the membrane treatment process, decommissioning the lime softening, or rehabilitating the lime treatment plant for a 20 year life cycle. It was determined that based on the capital costs and operational costs for membrane expansion, that rehabilitating the lime softening treatment was more cost effective.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment						306,000		306,000
Total		\$300,000				\$306,000		\$606,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards
Quality & Affordable Services	1.0 Safety	1.7. Ensure adequate water resources for current and future population

20-WS-001

Water Plant Filter Level Control Modifications



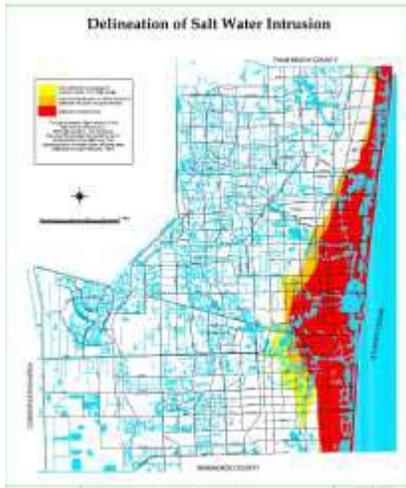
Project Description: City Consultant McCafferty Brinson conducted an evaluation and determined that our existing water filter level control potentially presents a regulatory compliance and operational vulnerability. City staff have previously experienced issues with the existing level control valve operation. This proposed project, per Consultant's recommendations, will permanently alleviate this vulnerability and maintain proper filter levels at all times by installing a fixed weir in a new flow box.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment						250,000		250,000
Total						\$250,000		\$250,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.4. Ensure safe drinking water standards
Quality & Affordable Services	1.0 Safety	1.7. Ensure adequate water resources for current and future population

20-WS-002

Saltwater Intrusion



Project Description: This project will evaluate the feasibility of using shallow injection wells for saltwater intrusion protection. It is anticipated that climate change, along with groundwater use will encourage the encroachment of ocean saltwater into the groundwater system. The City, with its reuse and conservation programs, as well as moving a portion of groundwater withdrawals to the west, is the only City in Southeast Florida to move the Saltwater line back toward the ocean. This project will evaluate the effectiveness of using shallow injection wells as another tool to further mitigate saltwater intrusion.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Outside Consulting/Design						100,000		100,000
Total						\$100,000		\$100,000

Strategy	Goal	Initiative
Superior Capacity	2.0 Water	2.2. Expand conservation efforts and other water efficiency efforts

10-988

Water Conservation Program



Project Description: A Water Conservation Program is mandated as one of the limiting conditions of our Consumptive Use Permit. The program will consist of water saving features that will lower our water consumption.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Other Professional Fees							100,000	100,000
Total	\$214,949						\$100,000	\$314,949

Strategy	Goal	Initiative
Superior Capacity	2.0 Water	2.2. Expand conservation efforts and other water efficiency efforts

02-828

Wastewater - Sanitary Sewer Manhole Rehabilitation



Project Description: This project involves the rehabilitation of deteriorated brick manholes located throughout the City. Rehabilitation consists of covering the interior surfaces with an adhesive, non-permeable material. 58 manholes have already been relined in FY 2015. Citywide there are 4,400 manholes.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			1,225	980	9,804	1,961	1,961	15,931
Construction			61,275	49,020	490,196	98,039	98,039	796,569
Total	\$2,823,479	\$120,000	\$62,500	\$50,000	\$500,000	\$100,000	\$100,000	\$3,755,979

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.5. Improve wastewater disposal and treatment process

08-968

Wastewater - Lift Station Rehabilitation



Project Description: This annual CIP allows for upgrading and rehabilitating wastewater lift stations as prioritized by the Utilities Department. A lift station rehab consists of replacement of all major components, including plumbing, mechanical and electrical.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			5,328	6,557	6,557	6,557	6,557	31,556
Construction			266,394	327,869	327,869	327,869	327,869	1,577,870
Contingency			53,278	65,574	65,574	65,574	65,574	315,574
Total	\$4,770,922	\$600,000	\$325,000	\$400,000	\$400,000	\$400,000	\$400,000	\$7,295,922

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.5. Improve wastewater disposal and treatment process

04-870

Wastewater - Collection Re-Lining



Project Description: This annual CIP allows for relining sanitary sewer gravity mains throughout the City to minimize infiltration of groundwater. Wherever possible, this is accomplished through trenchless methods. However, from time to time, open cut point repairs are appropriate.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)				9,804	9,804	9,804	9,804	39,216
Construction				490,196	490,196	490,196	490,196	1,960,784
Total	\$6,759,499	\$700,000		\$500,000	\$500,000	\$500,000	\$500,000	\$9,459,499

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.5. Improve wastewater disposal and treatment process

15-260

Wastewater - Gravity Collection System Expansion



Project Description: The City's Gravity Wastewater System currently supplies almost all areas of the City of Pompano Beach. This project will extend the system to those remaining residential, commercial, and industrial areas. The largest being the area south of NW 15 Street and north of Atlantic Boulevard bisected by MLK Jr. Boulevard, bordered on the east by I-95 and on the west by the railroad tracks/NW 15 Avenue/N Andrews Avenue, composed entirely of industrial property. Providing wastewater service to these remaining areas will improve both the quality of life for the consumer, further empower economic development and reduce discharges into the surrounding water bodies. Several of the unserved areas

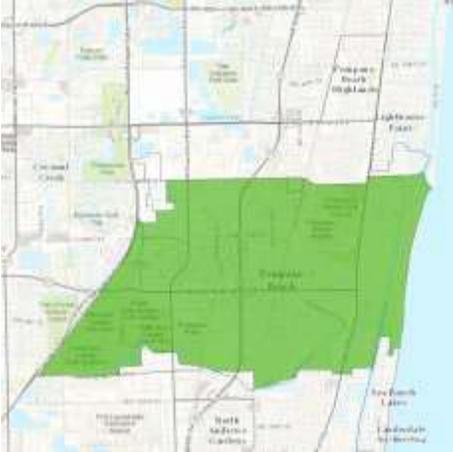
are located in the vicinity of the Pompano Canal- an impaired water body. Reducing discharges in the area of this water body is a regulatory requirement.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
New Equipment					175,000	525,000		700,000
Total	\$70,000	\$100,000			\$175,000	\$525,000		\$870,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.5. Improve wastewater disposal and treatment process

21-WS-001

Wastewater Master Plan Update 2021



Project Description: The Wastewater Master Plan update is required every five years to evaluate future system demand and necessary upgrades to facilitate planning efforts in order to meet customer levels of service and regulatory requirements.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Outside Consulting/Design							175,000	175,000
Total							\$175,000	\$175,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.5. Improve wastewater disposal and treatment process

21-WS-002

Wastewater Lyons Park Neighborhood



Project Description: In conjunction with the stormwater project the water and wastewater systems need to be upgraded. Some of the wastewater gravity mains are in the back of the residences of Lyons Park which is not good for maintenance. The water services also need to be replaced.

Funding Source: Utility Renewal & Replacement Fund (420)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)							76,471	76,471
Construction							3,823,529	3,823,529
Total							\$3,900,000	\$3,900,000

Stormwater Utility Capital Fund

This section includes the capital plan for the Stormwater Utility Capital. The Stormwater Utility Capital Fund was established to fund, on a pay-as-you-go basis, to fulfill necessary drainage improvements within the City. The Stormwater Utility Capital Budget for Fiscal Year 2017 (\$3,626,210) is supported by revenues from stormwater assessments, interest earnings and budgetary retained earnings. This proposed level of funding reflects the fund's various drainage rehabilitations and improvements throughout the City and a working capital reserve. These funding levels do not reflect the operations and maintenance costs of the Stormwater Utility Capital.

The remaining portion of the Stormwater Utility Capital Improvement Plan \$7,898,725 (FY 2018-FY 2021) is supported primarily by the same sources of revenues and budgetary retained earnings.

This section is organized in the following manner:

Five Year Revenue and Appropriation Summary Projects:

1. Stormwater - Tideflex Valves [14-235]
2. Stormwater - Pipe Lining and Miscellaneous Projects [17-308]
3. Stormwater - Lyons Park Neighborhood [14-251]
4. Stormwater - Kendall Lake Neighborhood [16-291]
5. Stormwater - Gateway Drive [16-292]

Stormwater Utility Capital Revenues

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Stormwater Utility Revenues	\$1,200,000	\$1,285,496	\$1,374,046	\$1,468,119	\$1,573,596
Interest Earnings	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Budgetary Retained Earnings	\$2,351,210	\$1,346,363	\$302,909	\$219,010	\$29,185
Total Revenues	\$3,636,380	\$2,727,199	\$1,782,465	\$1,802,809	\$1,728,631

Stormwater Utility Capital Appropriations

Name	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Stormwater - Tideflex Valves [14-235]	\$51,000	\$51,000	\$51,000	\$51,000	\$51,000
Stormwater - Pipe Lining and Miscellaneous Projects [17-308]	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Stormwater - Lyons Park Neighborhood [14-251]	\$1,872,950	\$1,872,950	---	---	---
Stormwater - Kendall Lake Neighborhood [16-291]	---	\$280,000	\$1,281,945	\$1,281,944	---
Stormwater - Gateway Drive [16-292]	---	---	---	\$200,000	\$1,350,000
Total Stormwater Utility Capital	\$2,123,950	\$2,403,950	\$1,532,945	\$1,732,944	\$1,601,000

Stormwater Utility Capital Operating Expenses

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Project Admin Fee	\$155,897	---	---	---	---
Total	\$155,897	---	---	---	---

Stormwater Utility Capital Reserves and Transfers

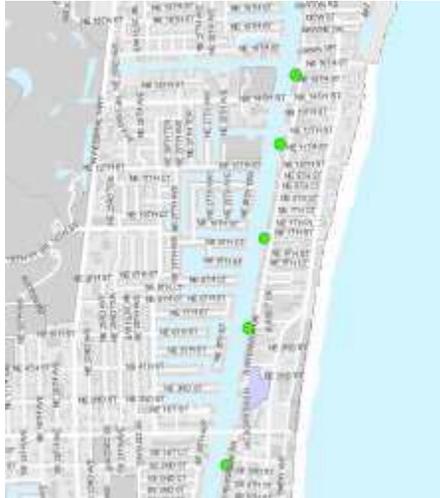
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Working Capital Reserve	\$1,346,363	\$302,909	\$219,010	\$29,185	\$76,781
Total	\$1,346,363	\$302,909	\$219,010	\$29,185	\$76,781

Total Appropriations

	\$3,626,210	\$2,706,859	\$1,751,955	\$1,762,129	\$1,677,781
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14-235

Stormwater - Tideflex Valves



Project Description: This project is to install check valves on tidal outfalls. The valve will prevent backflow of tide onto streets during extreme high tides, when tidal waters are higher than the roadway.

Funding Source: Stormwater Utility Capital Fund (425)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			1,000	1,000	1,000	1,000	1,000	5,000
Construction			50,000	50,000	50,000	50,000	50,000	250,000
Total	\$195,999		\$51,000	\$51,000	\$51,000	\$51,000	\$51,000	\$450,999

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.6. Improve stormwater disposal and treatment process
Superior Capacity	8.0 Ocean Rise	8.1. Prepare for long term impacts of ocean rise

17-308 Stormwater - Pipe Lining and Miscellaneous Projects



Project Description: This project is for lining stormwater pipes to repair deteriorated pipes including small projects to replace or add stormwater facilities; such as, stormwater pipes that discharge to canals and the Intra-coastal between homes and under roads. It also includes repairs to piping that requires replacement or repairs to French drain systems.

Funding Source: Stormwater Utility Capital Fund (425)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			3,632	3,632	3,632	3,632	3,632	18,160
Construction			181,640	181,640	181,640	181,640	181,640	908,200
Outside Consulting/Design			14,728	14,728	14,728	14,728	14,728	73,640
Total			\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.6. Improve stormwater disposal and treatment process

14-251

Stormwater - Lyons Park Neighborhood



Project Description: The Lyons Park Neighborhood is located west of South Cypress Road, north of McNab Road, east of South Flagler Avenue and south of SW 8th Street. This area is residential with chiefly single family homes, which is served by an existing stormwater collection system. The system is inadequate since it was built many years ago when the standards were not as stringent for new construction.

Funding Source: Stormwater Utility Capital Fund (425)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)			36,725	36,725				73,450
Construction			1,836,225	1,836,225				3,672,450
Total	\$418,629		\$1,872,950	\$1,872,950				\$4,164,529

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.6. Improve stormwater disposal and treatment process



Project Description: The Kendall Lake Neighborhood is a residential neighborhood bounded by NW 21st Street on the north, by NW 16th Street on the south, NW 5th Way on the west and NW 1st Avenue on the east. The study consists of single family developments, which are completely built out. The existing stormwater system is composed of two independent systems. The existing stormwater system in the northeast portion of the study area is a closed Exfiltration trench system in the low lying areas. The existing stormwater system in the western portion of the study area includes a drainage pipe network which discharges via three outfalls into Kendall Lake, which does not have an overflow connection and has been observed with a very high water level. The proposed

improvements should focus on reducing stormwater runoff flowing into entering Kendall Lake.

Funding Source: Stormwater Utility Capital Fund (425)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)				5,490	25,136	25,136		55,762
Construction				274,510	1,256,809	1,256,808		2,788,127
Total		\$412,690		\$280,000	\$1,281,945	\$1,281,944		\$3,256,579

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.6. Improve stormwater disposal and treatment process



Project Description: The Gateway Drive study area is a commercial and industrial neighborhood bounded by West McNab Road to the south, by Powerline Road to the east, by SW 36th Avenue to the west and by SFWMD C14 Canal to the north. Due to the commercial nature of the study area, the public right-of-way areas have a high percentage of impervious ground coverage, which limits the infiltration of stormwater runoff into the ground surface. The public roadways within the study area have a limited existing stormwater system which discharges into a stormwater pond with an overflow connection to the SFWMD

C-14 Canal. According to resident complaint information, the potential flooding areas are located in right-of-way areas without existing drainage facilities, which is along SW 29th Avenue, SW 28th Avenue, and SW 27th Avenue.

Funding Source: Stormwater Utility Capital Fund (425)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Art (2% of Construction)						3,922	26,471	30,393
Construction						196,078	1,323,529	1,519,607
Total		\$533,633				\$200,000	\$1,350,000	\$2,083,633

Strategy	Goal	Initiative
Quality & Affordable Services	1.0 Safety	1.6. Improve stormwater disposal and treatment process

Airpark Capital Fund

This section includes the capital plan for the Airpark Capital. The Airpark Capital in Fiscal Year 2017 (\$1,361,928) is supported by revenue from interest earnings, project fund balance and airpark grants. Funds are committed to Airpark Pavement Maintenance Project (\$46,000), Airpark Master Plan Update (\$350,000), and Airpark Building Renovations (\$950,000).

The remaining portion of the Airpark Capital Fund \$184,000 for (FY 2018-FY 2021) is supported by interest earnings and project fund balance.

This section is organized in the following manner:

Five Year Revenue and Appropriation Summary Projects:

1. Airpark Pavement Maintenance [06-910]
2. Airpark Master Plan Update [17-309]
3. Airpark Administration Building Renovations [17-310]

Airpark Capital Revenues

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Aviation Grants	\$1,092,500	---	---	---	---
Project Fund Balance	\$261,428	\$38,000	\$38,000	\$38,000	\$38,000
Interest Earnings	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Total Revenues	\$1,361,928	\$46,000	\$46,000	\$46,000	\$46,000

Airpark Capital Appropriations

Name	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Airpark Pavement Maintenance [06-910]	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000
Airpark Master Plan Update [17-309]	\$350,000	---	---	---	---
Airpark Administration Building Renovations [17-310]	\$950,000	---	---	---	---
Total Airpark Capital	\$1,346,000	\$46,000	\$46,000	\$46,000	\$46,000

Airpark Capital Operating Expenses

	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Project Admin Fee	\$15,928	---	---	---	---
Total	\$15,928	---	---	---	---

Total Appropriations

	\$1,361,928	\$46,000	\$46,000	\$46,000	\$46,000
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06-910

Airpark Pavement Maintenance



Project Description: This project funds the repairs and maintenance of airside pavements including crack sealing, rejuvenation and miscellaneous structural repairs.

Funding Source: Airpark Capital Fund (465)								
Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Construction			46,000	46,000	46,000	46,000	46,000	230,000
Total	\$408,401	\$50,000	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000	\$688,401

Strategy	Goal	Initiative
Superior Capacity	6.0. Growth Capacity	6.2. Ensure the Air Park has the capacity to manage an increase in tourism

17-309

Airpark Master Plan Update



Project Description: FAA has requested that City update the airpark Master Plan. The last update was completed in 2007 in conjunction with the property releases and many of the projects recommended in that plan are underway and/or have been completed. The FAA is recommending the master plan update because of the recent changes relating to airport design standards and industry trends affecting airport infrastructure improvements.

Funding Source: The estimated cost of the Airport Master Plan Update will be \$350,000. The FAA will fund 90% of the cost at \$315,000. The FDOT will fund 5% of the total cost at \$17,500. The City's matching share of 5% will be \$17,500.

Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Outside Consulting/ Design			350,000					350,000
Total			\$350,000					\$350,000

Strategy	Goal	Initiative
Superior Capacity	6.0. Growth Capacity	6.2. Ensure the Air Park has the capacity to manage an increase in tourism

17-310

Airpark Administration Building Renovations



Project Description: The existing administration building is in need of modernization and upgrades that will include renovations to the office layout and enhancements to the electrical, plumbing and HVAC.

Funding Source: FDOT State Funding Share at (80%) \$760,000 City's matching share at (20%) \$190,000

Projected Expenditure	Past Years	FY16	FY17	FY18	FY19	FY20	FY21	Total
Construction			885,000					885,000
Outside Consulting/ Design			65,000					65,000
Total			\$950,000					\$950,000

Existing Capital Projects

This section includes the existing capital projects for the three capital projects funds (General Capital, East and Northwest Community Redevelopment Agency, and Community Improvement) and six enterprise capital funds (Utility Renewal and Replacement Capital, Stormwater Utility Capital, Pier Capital, Airpark Capital, Golf Capital, and Parking Capital), which were approved either in FY 2016 or in prior fiscal years. This section provides a summary of both the project(s) budgetary status, as of March 16, 2016, as well as their design and construction schedules, as of March 16, 2016. These projects and any remaining balances will be re-appropriated in October 2016. Once a project is approved by the City Commission for FY 2017, its approved funding shall be carried over from year to year until the project is completed. If a project's funding is phased over two or more years, the additional funding added in any new budget cycle will be added through the capital budgeting process.

The existing capital projects breakdown by fund and status is as follows:

	Projects	Completed Projects
General Fund Capital	75	18
Utility R&R	33	5
Stormwater	13	5
Pier	1	0
Airpark	4	1
Golf	2	0
CRA	16	7
Community Improvement	17	6
Parking	2	0
Total	144	34

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Existing Utility R&R Projects Descriptions/Comments	page 100
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Existing Airpark Projects Summary	page 114
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Existing CRA Projects Summary	page 118
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Existing General Capital Project Summary

* Balances as of
March 16, 2016

	<u>Percent</u> <u>Expended</u>	<u>Approved</u> <u>Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Seawall Const Settlement Agreement [00-751]	44%	\$277,147	\$114,803	\$8,347	\$153,997
2. Refurbish Park Amenities [02-821]	92%	\$1,333,088	\$1,191,173	\$31,326	\$110,589
3. Major Bridge Repair/Rehab [05-901]	88%	\$4,608,727	\$3,955,060	\$116,964	\$536,703
4. Replace Lost Trees [06-919]	99%	\$252,054	\$249,028	\$837	\$2,189
5. Road Median Enhancements [06-920]	93%	\$214,146	\$186,431	\$12,441	\$15,274
6. General Government Buildings [07-924]	90%	\$4,116,614	\$3,442,898	\$281,806	\$391,910
7. Road Resurfacing Program [07-925]	91%	\$7,605,691	\$6,735,856	\$156,550	\$713,285
8. Citywide Sidewalk Improvements [07-926]	90%	\$1,525,710	\$1,187,423	\$182,191	\$156,096
9. Public Safety Bldg. Improvement Overall Project [07-930]	99%	\$5,840,023	\$5,409,934	\$393,818	\$36,271
10. Seawall Maintenance [07-946]	95%	\$2,052,301	\$1,909,380	\$36,134	\$106,787
11. Rebuild Fire Station 11 [08-951]	100%	\$4,181,129	\$4,045,134	\$128,053	\$7,942
12. Railroad Crossing Repair [09-970]	62%	\$999,699	\$623,537	---	\$376,162
13. Emergency Power [09-972]	95%	\$2,443,382	\$2,241,782	\$88,091	\$113,509
14. Court Resurfacing [09-985]	64%	\$130,565	\$83,810	---	\$46,755
15. NW 6 Avenue Beautification [10-101]	0%	\$300,000	---	---	\$300,000
16. City Parking Lot Improvements/ ADA [10-123]	87%	\$509,492	\$109,229	\$332,392	\$67,871
17. Windows Replacement [10-986]	100%	\$2,855	\$2,855	---	---
18. Tennis Center Renovations [11-125]	100%	\$619,394	\$616,668	---	\$2,726
19. Library - Cultural Center [11-139]	76%	\$19,252,644	\$5,604,491	\$9,059,281	\$4,588,872
20. A1A Underground Electric [11-142]	53%	\$2,715,236	\$411,158	\$1,022,217	\$1,281,861
21. Highlands Park Improvements [11-143]	99%	\$435,135	\$428,314	\$2,898	\$3,923
22. Jogging Path Lights [11-160]	100%	\$340,502	\$340,502	---	---
23. Cresthaven Fire Station #103 [11-162]	93%	\$4,001,832	\$3,153,503	\$558,065	\$290,264
24. City Hall Security [11-163]	99%	\$447,000	\$442,999	---	\$4,001
25. Traffic Calming Improvements [11-189]	10%	\$123,500	\$12,923	---	\$110,577
26. A1A Lighting [11-190]	0%	\$50,000	---	---	\$50,000
27. Cresthaven Traffic Calming [11-191]	0%	\$130,000	---	---	\$130,000
28. Charlotte J. Burrie Community Center [11-192]	35%	\$811,175	\$125,736	\$158,485	\$526,954
29. Dog Park Restroom [12-168]	44%	\$383,762	\$123,834	\$44,150	\$215,778
30. North Pompano Park Center Renovation [12-171]	13%	\$341,579	\$20,487	\$22,451	\$298,641
31. Tennis Center Court Resurfacing [12-172]	99%	\$39,977	\$39,453	---	\$524
32. Atlantic Boulevard Bridge Lighting [12-174]	32%	\$55,700	\$17,595	\$400	\$37,705

* Balances as of March 16, 2016	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
33. Trail to Intracoastal Waterway [12-175]	0%	\$571	---	---	\$571
34. Martin Luther King Boulevard Reconstruction [12-176]	99%	\$3,827,006	\$116,340	\$3,689,060	\$21,606
35. Oceanside Temporary Parking Lot [12-196]	75%	\$450,368	\$320,390	\$17,358	\$112,620
36. Traffic Signal Mast Arm Painting [12-197]	63%	\$569,242	\$340,476	\$16,220	\$212,546
37. Alsdorf Park Improvements 2012 [12-198]	13%	\$1,570,651	\$180,532	\$27,318	\$1,362,801
38. Briny Ave Streetscape and Utilities [12-208]	9%	\$5,498,227	\$489,166	\$30,421	\$4,978,640
39. Skolnick Center Parking [13-201]	100%	\$267,185	\$259,796	\$7,277	\$112
40. Police Fire Alarm System [13-203]	100%	\$111,500	\$37,179	\$74,283	\$38
41. Third Floor City Hall Renovation [13-221]	95%	\$2,050,497	\$1,896,797	\$58,426	\$95,274
42. Enhanced Landscaping for FDOT Improvement [14-222]	35%	\$585,984	\$204,973	---	\$381,011
43. Beach Renourishment [14-223]	0%	\$50,000	---	---	\$50,000
44. Blanche Ely Museum – Renovation [14-224]	83%	\$101,299	\$75,807	\$7,946	\$17,546
45. SW 36th Avenue Sidewalk [14-225]	5%	\$626,019	\$14,286	\$14,655	\$597,078
46. Tennis Center Court Refurbishment [14-229]	100%	\$688,499	\$688,439	---	\$60
47. Collier City Mini Park [14-230]	0%	\$273,926	---	---	\$273,926
48. Atlantic Boulevard Street Lighting [14-231]	74%	\$25,000	\$14,495	\$4,005	\$6,500
49. Fire Station Refurbishments [14-238]	5%	\$1,924,523	\$80,083	\$23,634	\$1,820,806
50. Overhead Utility Conversion Downtown Pompano [14-249]	100%	\$1,654,179	\$1,345,873	\$308,306	---
51. Parking Lot Lighting Improvements Golf Course [14-250]	78%	\$178,699	\$139,771	---	\$38,928
52. Mc Nab Park Decorative Fence [14-263]	89%	\$53,367	\$47,595	---	\$5,772
53. New Restroom Kester Park [14-267]	22%	\$465,100	\$40,500	\$62,352	\$362,248
54. Dixie Highway Improvements [14-268]	100%	\$54,540	\$44,382	\$10,158	---
55. Riverside Drive [14-269]	42%	\$83,636	\$34,102	\$795	\$48,739
56. NW 9th Street and Powerline Road Connection [15-253]	23%	\$129,216	\$29,892	---	\$99,324
57. Sgt. Kip Jacoby (Norwood Pines) Park Expansion [15-254]	0%	\$350,000	---	---	\$350,000
58. Beach Community Center [15-255]	47%	\$642,506	\$85,346	\$214,055	\$343,105
59. Community Park Baseball Netting [15-265]	98%	\$53,980	\$53,080	---	\$900
60. Enhance North Palm Aire Drive Median [15-266]	1%	\$466,450	---	\$4,752	\$461,698
61. Water Taxi Station [15-272]	96%	\$35,000	---	\$33,500	\$1,500

* Balances as of March 16, 2016	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
62. Mitchell Moore Restroom [15-273]	97%	\$80,100	\$10,550	\$67,195	\$2,355
63. McNair Park Restroom [15-274]	95%	\$90,100	\$1,600	\$84,190	\$4,310
64. Golf Course Lake Repair [15-295]	98%	\$75,476	---	\$73,800	\$1,676
65. Implement Wayfinding Signage [16-275]	1%	\$100,000	\$1,250	---	\$98,750
66. Canal Dredging 2016 [16-276]	0%	\$100,000	---	---	\$100,000
67. Community Park - New Bathroom Building [16-279]	11%	\$410,000	---	\$43,950	\$366,050
68. Aquatic Center- Pump Room Replacement and Classroom [16-280]	27%	\$308,000	---	\$84,450	\$223,550
69. Tot Basketball Courts in Community Park [16-281]	14%	\$65,450	\$8,200	\$700	\$56,550
70. Alley Improvements [16-282]	0%	\$500,000	---	---	\$500,000
71. Bleacher Sunshades at Mitchell Moore [16-283]	0%	\$49,361	---	---	\$49,361
72. Emma Lou Olson Civic Center Improvements [16-284]	0%	\$33,000	---	---	\$33,000
73. Fire Station #24 [16-285]	4%	\$1,000,000	\$13,421	\$25,042	\$961,537
74. Sand Spur Park Improvements [16-286]	12%	\$367,200	\$8,427	\$33,965	\$324,808
75. Landscaping & Entryway Enhancement (LEEP) / Commercial Landscaping & Improvement Programs (CLIP) [98-711]	67%	\$110,090	\$73,730	---	\$36,360
Totals		\$92,216,006	\$49,482,474	\$17,654,710	\$25,078,822

Existing General Capital Projects

1. Seawall Const Settlement Agreement [00-751]

This project involves the design and permitting of a proposed seawall behind the property at 855 S. Federal Hwy. At the June 8, 1999 meeting, the City Commission entered into a Settlement Agreement with Eddie Accardi car dealership regarding this project. The design and permitting are in process. The City will reimburse 50% of the total cost up to an agreed to maximum. The agreement with Eddie Accardi stipulates that the agreement terminates three years after construction commences; construction has not yet started.

Status as of March 16, 2016: Hold

None.

2. Refurbish Park Amenities [02-821]

This project involves the replacement of worn out park amenities at all City parks. Park amenities include playground equipment, shade structures, benches, trash receptacles, lighting, fences, grills, etc. The replacement of these facilities will be performed by in-house staff. Funding is recommended to be increased by \$50,000 per year to enhance the replacement of playground equipment.

Status as of March 16, 2016: Ongoing

At March 22nd meeting, City Commission approved purchase/installation of two playground modules at Harbor's Edge Park. Total cost \$72K.

3. Major Bridge Repair/Rehab [05-901]

This project provides for rehabilitation or replacement of various City-owned bridges. Major repairs and maintenance are vital to ensure the structural integrity of bridges.

Future projects are determined by the Florida Department of Transportation Yearly Bridge Inspection Report. Two bridges will need attention in the near future: McNab Road Bridge and SE 5th Avenue Bridge. Funding is necessary to offset anticipated costs to replace these bridges. Two bridges will need attention in the near future: McNab Road Bridge and SE 5th Avenue Bridge. Funding is necessary to offset anticipated costs to replace these bridges.

Status as of March 16, 2016: Overall CIP

See sub project reports.

4. Replace Lost Trees [06-919]

This annually funded project is administered by the Public Works Department with the purpose of replacing damaged or diseased trees or enhancing City-owned properties.

Status as of March 16, 2016: Complete

Corrected CRA Project Deficiencies on NW 6th Ave Landscaping (re-planted trees and replaced dead trees)

5. Road Median Enhancements [06-920]

This project is for aesthetic improvements by constructing raised landscaped medians. This project is construction complete.

Status as of March 16, 2016: Complete

None. Project is complete.

6. General Government Buildings [07-924]

This annual project includes roof and/or minor window replacement, interior or exterior building repair and replacement of mechanical equipment on various City-owned facilities. Beginning in 2014, funding was increased by \$700K to address various maintenance improvements identified in the 2010 Facilities Assessment Report.

Status as of March 16, 2016: Ongoing

Expended \$21,900 during month of March for replacement of air conditioning systems in BSO Main Building IT Computer Room (independent system from central chiller)

7. Road Resurfacing Program [07-925]

In 2016, the City commissioned a pavement condition study which ranked all the City's roadways. Roadways are then repaved based on their respective ranking and/or in conjunction with other capital improvement projects initiated by the City. Last year, the City repaved over 8 miles of roadways. Areas and Neighborhoods Recently repaved include Hillsboro harbor/Santa Maria/Caliban Ridge, Jelks Subdivision, Gateway Industrial Center/Palm Aire Cypress Course Estates, Cypress Lake Estates, and Terra Mar Island Estates.

Status as of March 16, 2016: Construction

no activity

8. Citywide Sidewalk Improvements [07-926]

This annual project includes installation of or repair to sidewalks throughout the City. The starting point for prioritization is based off of a 2007 study, which identified all of the missing sidewalks throughout the City. This annual program was originally started in FY 1999. A five year installation plan has been created and will start being implemented this year. During FY 2014, the City utilized citywide Sidewalk Improvements funds to repair sidewalks and bring sidewalks into ADA compliance (install curb cuts and ADA Truncated Dome Pads). Priority for sidewalk installation is based on highest pedestrian demand: Safe Route to Schools, and public transit (Bus Stops). Specific requests by Home Owners Associations are also considered.

Status as of March 16, 2016: Ongoing

Public Works crew utilized funds from CIP project to complete installation of sidewalk at north end of West Palm Aire Drive (parallel to FL Turnpike). Public Works crew will be installing sidewalk on northside of Oaks Terrace during April. Contractor, Straightline, will be installing concrete valley curb in alleyway behind Foundry Restaurant during first 2 weeks of April so Public works can complete drainage project in alley at end of month.

9. Public Safety Bldg. Improvement Overall Project [07-930]

This project consists of a new roof, new fire alarm system, compliance with American Disability Act, HVAC repairs, repairs as well as repair of exterior wall finishes.

See individual projects.

Status as of March 16, 2016: Complete

See sub reports

10. Seawall Maintenance [07-946]

The City is responsible for the maintenance of seawalls along City-owned property; there is approximately 2,000 linear feet of seawall along various canals and waterways. In 2007, PBS & J produced a report that assessed and ranked all the City's seawalls. Maintenance can include rebuilding portions, grouting leaks and total reconstruction.

Status as of March 16, 2016: Ongoing

See individual projects for updates:

11. Rebuild Fire Station 11 [08-951]

New Fire Station, 109 N Ocean Blvd.

The new replacement Fire Station 11 consists of construction of a new 13,200 square foot two-story CBS three-bay fire station over and existing City public parking lot to be removed and prepped for new construction. The new beachside facility, currently under construction, is located along State Road A1A just north of Atlantic Avenue. The building will have a stucco finish, impact windows and doors, and a standing-seam metal roof over metal trusses. In addition, a full building back-up generator system is proposed to cover the entire building in the event of a power outage. The design provides for low flow plumbing, a solar heating system for hot water use, natural Xeriscape landscaping and irrigation principles, and efficient electrical and mechanical systems. When completed, the building will receive LEED Certification.

TCO issued in June, 2015.

Final CO is scheduled for the end of August, 2015

Fire Station Dedication/Opening is scheduled for September 2, 2015

Status as of March 16, 2016: Construction

Emergency generator start up and County acceptance occurred. It was uncovered that day tank fuel lines and contactors are required for emergency generator. Generator subcontractor asserts that these excluded items stem from contract with original

contractor (JCon). Pricing is forthcoming and associated compensability is to be determined. Punch list is ongoing, but for the most part it has been completed. The County has issued a Surface Water Management System Inspection Report identifying deficiencies to be addressed. On 01/27, these above tasks were assigned to Public Works for resolution.

Mast arm updated design and permitting is in progress. Meeting with Broward County scheduled for 4/5/16 regarding mast arms. Code changes may require mast arm design be resubmitted for Broward County/FDOT approval.

12. Railroad Crossing Repair [09-970]

This project includes rebuilding the CSX rail crossing at NW 33rd Street and 3-track crossing at Martin Luther King, Jr. Boulevard.

Status as of March 16, 2016: Complete

No activity.

13. Emergency Power [09-972]

This project will consist of the installation of infrastructure such as reinforced concrete slabs on grade to accept portable generators on wheels, mechanical transfer switches to switch from FPL supplied power to generator supplied power in the event of an emergency situation such as a hurricane. The facilities to receive the infrastructure upgrade are the Emma Lou Olson Civic Center, Herb Skolnick and E. Pat Larkin's Community Centers and a permanent standby generator to serve the Public Works Building B and Fleet garage.

Status as of March 16, 2016: Complete

This project is now completed and closed out. The city has received all close out documents such as the O & M MANUAL for the switchgear.

14. Court Resurfacing [09-985]

The City has an inventory of over 60 athletic courts which include tennis, basketball, handball, volleyball, shuffleboard and bocce ball. The City must continuously maintain these courts to ensure a safe and enjoyable play.

Evaluation of courts to prioritize which courts to resurface.

Status as of March 16, 2016: Ongoing

Determine courts to be resurfaced

15. NW 6 Avenue Beautification [10-101]

The project will be completed in 2-3 phases and will include landscape beautification, new transit shelters featuring designs compatible with county and city shelters, sidewalk and lighting improvements, and other beautification features. Work will include updating existing traffic circles, cleaning crosswalk pavers, and installing seasonal or holiday banners on existing light poles. In addition, the CRA will work with local businesses and property owners to clean up and remove excess debris; replace fences; and, conduct repairs to swale areas, etc. Lastly, funding will be used to install paver insets throughout the corridors. The insets will be used to honor local pioneers by inserting their names within the insets.

Project is complete.

Status as of March 16, 2016: Complete

Project is complete.

16. City Parking Lot Improvements/ ADA [10-123]

This project consists of improvements to parking lots at City Facilities, including resurfacing and other improvements to comply with the Americans with Disability Act (ADA). Currently, the McNair Civic Center parking lot that is not ADA compliant is at McNair Civic Center. This parking lot revision is under design and will be completed in FY16. In addition, this project will fund other non-ADA compliant non-parking facilities.

obtain permits, commence construction

Status as of March 16, 2016: Ongoing

Submitted McNair ADA Compliance front-end documents to City Clerk/Administration for signatures and approval.

McNair restrooms are under construction for renovation to meet ADA compliance.

Founders Park is in for permitting to install a handicap parking stall and sidewalk.

17. Windows Replacement [10-986]

Replace windows, doors & louvers w/ hurricane impact and paint exterior of building at the admin/fire training tower, 120 SW 3 St. Planter on north side of building to be removed to eliminate moisture penetrating envelope of structure.

Status as of March 16, 2016: Complete

This project is complete.

18. Tennis Center Renovations [11-125]

Tennis Center Renovations to include replacement of dilapidated fencing around the facility. Other renovations will include 9 new shade structures at the tennis courts and lighting for the remaining 8 courts that do currently do not have lighting. These features will enhance play at this facility.

Project complete

Status as of March 16, 2016: Complete

Project is complete. A final walk through was conducted on May 24, 2013 and a punch list was generated. Contractor has addressed all punch list items. All final inspections are complete.

19. Library - Cultural Center [11-139]

The project consists of the design and construction of a new two-story 46,000 square foot Library and Cultural Center located at Atlantic Boulevard and SW 1st Avenue. The building is a two-story 25,000 square foot Broward County Public Library facility and a two-story 21,000 square foot City of Pompano Beach Cultural Center.

The Public Library component features children's services, new materials collection, computer lab, multi-purpose room, fiction collection, and library offices and support spaces.

The Cultural Center component features a public lobby, digital media suite, offices, gallery, and a flexible multi-purpose event space and accompanying support spaces, dressing rooms, and lobby space.

Complete steel erection.

Status as of March 16, 2016: Construction

Second floor steel fabrication complete. Second floor slab poured. Erection of steel columns on second floor, third and final phase. CONTINUE CONSTRUCTION EFFORTS.

20. A1A Underground Electric [11-142]

This project involves converting the overhead electrical lines along SR A1A from Hillsboro Inlet to Terra Mar Drive, which will lessen the risk of power outages during storms and improve the aesthetics of the neighborhood. This project will be accomplished as a partnership with FPL, AT&T, and Comcast.

The contract for surveying was awarded to Keith and Associates at the November 23, 2010 City Commission meeting. The contract for Utility Engineering to coordinate the overhead to underground work was entered into January 2013.

Status as of March 16, 2016: Design

Coordination with Burkhardt took place March 31, 2016. Burkhardt currently engaged in undergrounding design of the side streets between Terra Mar and SE 10th St. Keith and Associates performing additional survey work required.

21. Highlands Park Improvements [11-143]

This project includes the following construction activities: 1) the removal of 44 existing invasive trees; 2) the construction of a 1,225 sf freestanding restroom and pavilion building; 3) the construction of associated concrete sidewalks and site amenities; and 4) associated drainage swales, irrigation, and landscaping.

A project kick off meeting was held January 27th 2011.

A preliminary plan was presented to the Parks and Recreation Advisory Board for information at the March 2, 2011 meeting.

Bid Advertisements for the following scopes scheduled for December 2012: 1) Tree removal; 2) Site work; 3) Landscaping, irrigation, and well abandonment; and 4) Building, sidewalks and amenities.

February, 2013: Pre-Bid Meetings

April, 2013: Bid Openings

May 2013, PO issued to West Construction for building and site work.
June 2013, Bid award to Florida Turf & Landscaping for landscape, irrigation, and well abandonment
January 2014, construction begins
June 2014, Substantial Completion achieved.

Status as of March 16, 2016: Complete

CO issued. Facility in use.

22. Jogging Path Lights [11-160]

Install Energy Efficient Pedestrian lighting to illuminate the Air Park Running Path. The entire 4.4 mile path needs lighting; however, the first phase of this project will address the northeast segment (between Pompano City Center and Golf Course) and the southeast segment (around Fire Station #24).

This project was moved forward at the January 25th 2011 commission meeting. Staff has been exploring different lighting designs. Vandal proof, motion activated, LED bollard lights have been identified. Bids were received July 29th 2011 to supply the materials.

Phase one behind Fire Station 24 was completed in May 2012.

Status as of March 16, 2016: Complete

The project is complete

23. Cresthaven Fire Station #103 [11-162]

This project is for the construction of a new fire station in the north section of the City. Fire and EMS services are currently being provided out of a converted community center located at 3721 NE 12th Avenue.

Status as of March 16, 2016: Construction

Received Certificate of Occupancy March 29, 2016 from Building Dept.

24. City Hall Security [11-163]

Security at City Hall is very minimal. This project would enhance the security with cameras, card readers and changing the way certain areas are accessed.

February 22, 2011 City Commission approved a new CIP project.

Singer Architects has begun the design of the modifications to the building and new security system.

Seventy five percent drawings were received and reviewed in April 2011.

The final design was delivered in July 2011.

Construction was complete in May 2013.

Status as of March 16, 2016: Complete

Complete

25. Traffic Calming Improvements [11-189]

This project provides funding for the installation of speed humps or other traffic calming measures on various City roadways on an as requested and warranted basis. The project addresses the need for traffic calming outside of the Cresthaven neighborhood.

The Broward Sheriff's Office evaluates requests for devices and recommends the installation. Installation of speed humps is administered by the Public Works Department.

Status as of March 16, 2016: Ongoing

No new projects have been proposed by the Broward Sherriff's Office.

26. A1A Lighting [11-190]

This project was established to replace the parking lot lighting in the Pier Parking lot with LED fixtures that are turtle friendly.

Status as of March 16, 2016: Cancelled

Project is on hold in part because Fish and Wildlife Commission (FWC) never provided the stamp of approval deeming LED fixtures as "turtle friendly." This project was established to address the municipal pier parking lot lighting which is now subject to significant reconfiguration with future restaurant development. The LED fixture was the solution since it would be a matter of swapping out fixtures versus a complete new lighting plan.

Since this project was established, FWC has now taken exception to the Pompano Beach Blvd pedestrian lighting which we just spent \$100K 2 years ago to retrofit to make turtle friendly. These lights will also be impacted with upcoming CRA project to enhance Pompano Beach Boulevard.

With other projects retrofitting these lights in the near future we have not moved forward spending these funds.

27. Cresthaven Traffic Calming [11-191]

The study and installation of traffic calming devices such as speed humps, roundabouts, and stop signs to slow traffic in the Cresthaven neighborhood.

Phase one was completed in 2008. Phase two recommendations were re-evaluated in August of 2010. Surveys were sent in March 2011. As a result speed humps were installed at the following locations:

NE 8 Terrace between NE 26 Ct & NE 30 ST - 1 speed hump in front of 2900/2901, 1 speed hump in front of 2810/2811

NE 10 Terrace between NE 26 Ct & NE 30 ST - 1 speed hump in front of 2901/2900, 1 speed hump in front of 2800/2801

NE 10 Terrace between NE 30 St. & NE 33 St. - 1 speed hump in front of 3061/3060, 1 speed hump in front of 3141/3140

NE 14 Avenue between NE 30 St & NE 33 St. - 1 speed hump in front of 3035/3037, 1 speed hump in front of 3137 - 1 speed hump in front of 3211

NE 28 Court between 14 Avenue & 17 Avenue - 1 speed hump in front of 1628/1629, 1 speed hump in front of 1556/1557, 1 speed hump in front of 1446/1447

Status as of March 16, 2016: Ongoing

No new progress this month. The Broward Sherriff's Office is evaluating future locations.

28. Charlotte J. Burrie Community Center [11-192]

This project consist of design and construction of a new 8,000- 10,000 square foot Community Center in the Cresthaven neighborhood. The City acquired a vacant site located on the west side of North Federal Highway, between NE 25th and NE 28th Streets.

Submit to pre-DRC.

Status as of March 16, 2016: Design

Project has been submitted and received approval from DRC, AAC, P&Z, and will be presented to Parks & Recreation on April 5, 2016. Design 95% complete.

29. Dog Park Restroom [12-168]

This project involves construction of a restroom for dog owners.

Defined scope/ negotiated fees, will present to commission.

Status as of March 16, 2016: Design

Project to be presented to Parks & Recreation Board on April 5, 2016. Design at 30% complete.

30. North Pompano Park Center Renovation [12-171]

After assessing the following vectors, it was agreed to modify the building program to be more efficient and responsive: 1) the needs of the community as represented by the Parks and Recreation Staff; 2) the existing facilities of the park; 3) the proposed construction budget; and 4) the preliminary findings of the Park Master Plan. Accordingly, an interior build-out of the existing community building with improvements to the existing parking lot will be undertaken. In July 2015, after award of work, structural engineers assessed unforeseen structural conditions. The A/E and the GC are collaborating on the assessment of the viability of building a new replacement building in lieu of rehabilitation of the existing outmoded building.

01/2015 - Design Build Awarded

04/2015 - Design Completed

05/2015 - Preliminary Budgets Established

05/2015 - Building Permit Review

06/2015 - Special Engineering inspection and Assessment of Existing Conditions (May generate structural revisions)

07/2015 - Evaluation of replacement building in lieu of rehabilitating existing building

11/2015 - Project Re-scoped for 3rd Time from replacement building to existing building interior modifications.

02/2016 - Renovation completed

Status as of March 16, 2016: Construction

Conducted third re-scoping meeting with Parks and Rec personnel and obtained estimate from GC for interior renovations of existing activity center building improvements. Design 90% complete, negotiation of fees to commence.

31. Tennis Center Court Resurfacing [12-172]

Change the remaining 8 tennis courts from above ground watering to below ground filtration system
substantial completion

Status as of March 16, 2016: Complete

Project complete.

32. Atlantic Boulevard Bridge Lighting [12-174]

Bridge lighting enhancements to existing bridge

Status as of March 16, 2016: Cancelled

This project is being reported under Project Number 13-240, CRA Atlantic and ICW Bridge

33. Trail to Intracoastal Waterway [12-175]

This project entails construction of a pedestrian bridge trail along both sides of the Atlantic Boulevard bridge. The goal of this project is to provide connectivity under the bridge, provide a gathering area for pedestrians to enjoy the waterway views, and provide a safe passage for pedestrians going to and from north-south of the bridge.

Status as of March 16, 2016: Complete

This project is being reported under Project Number 13-240.

34. Martin Luther King Boulevard Reconstruction [12-176]

This project provides for the reconstruction of MLK Blvd. as part of the Education Corridor from Powerline Road to the Florida Turnpike. The project will tie into the overall education corridor project proposed in conjunction with Coconut Creek, Coral Springs and Margate. Enhanced pedestrian and public transportation facilities as well as streetscape and landscaping improvements will bring a cohesive feel to the corridor.

Install traffic signal at the intersection of MLK Blvd. and NW 27 Avenue (subject to Broward County approval) by March 2015. Start construction of proposed streetscape improvements by July 2015. Complete work by March 2016. If the Broward County does not approve the traffic signal, then begin streetscape work by January 2015 and complete work by August 2015.

Updated schedule: County rejected Staff's request for the traffic signal at the corner of NW 27 Avenue and MLK Boulevard. Design team re-started roadway design efforts, but will make provisions for the future installation of a traffic signal installation. Design (constructability plans) to be submitted to FDOT in August 2014. Project to be delayed 6 months to allow for utilities (water, sewer) upgrades. Finalize LAP certification by October 2015. Advertise project by January 2016. Construct improvements by July 2017.

Status as of March 16, 2016: Design

MAJOR ACTIVITIES DURING REPORTING MONTH

ENVIRONMENTAL:

Permits:

-City Permit updates, under review. Pending

-County permit updates, under review: the contractor informed the CEI that the Permits will be on the county's next meeting as an agenda item. Contractor is waiting on the final decision by the County which will take place on/or about 3/31/16, which will not require permit fee on county work.

-FDOT informed the CEI that someone will need to contact Fernando Ascanio, Construction Environmental Coordinator, to see what conditions/permits/reviews (if any) will be required by FDOT for the dewatering activities associated with the sewer change order.

UTILITIES:

-Drainage grate at the west end of the project that needs to be brought to final grade by the County. Joe said he will handle. City's PM requested the CEI to inquire with the County, what is the situation with the existing grate. CEI send out an e-mail to Mr. Michael Taylor from the City/o Pompano requesting information and/or a contact person about this issue. City nor the County were able to provide a response on who owns the grate in question. The CEI authorized the contractor that at the required time, if needed, they could raise the grate to grade. The Contractor shall submit a work order for approval prior to

performing any work.

Sewer contract was approved to Weekley Asphalt. The contractor inquired about the Sign and Sealed plans for the proposed sewer work. The Sign and Sealed plans were sent out along with the City's approval of Work Order #03 (Sewer Work).

35. Oceanside Temporary Parking Lot [12-196]

In-house design and construction of a Temporary Parking Lot at the NW intersection of Atlantic Boulevard and Pompano Beach Boulevard. The temporary parking will house 118 regular parking spaces including 6 handicap accessible spaces, 8 dedicated motorcycle spaces, sidewalk connections to public system along A1A, East Atlantic Boulevard, and Pompano Beach Boulevard, solar-powered lights (compliant with sea turtle regulations), 4 solar-powered operated parking meters, landscaping and irrigation. The Public Works Department will construct all facilities except lighting equipment. The main goals of this project is to provide additional parking facilities to support local businesses and beachgoers, increase traffic to the beach, provide parking for CRA and City-sponsored events (arts and crafts shows, etc.), provide parking relief to other parking lots in the area (i.e., Oceanside, Pier Parking Lot, etc.), and kickoff tourism. Moreover, construction of the temporary parking facility will prevent that the privately-owned parcel remain vacant and undeveloped until the developer is able to finance construction of hotel/shops/other amenities or market develops to justify construction, which could take years. Therefore, the facility is needed to support local businesses, provide opportunities for growth, and prevent from having a vacant parcel that would otherwise become an unsafe "pit" in a destination area (beachfront).

This project was approved at the March 27, 2012 commission meeting.

Construction was completed in March 2013.

Status as of March 16, 2016: Complete

Construction is complete.

36. Traffic Signal Mast Arm Painting [12-197]

This project is for the refurbishment of the traffic signal mast arm assemblies that have deteriorated. The project consists of preparation and repainting the mast arms. Scope of work includes stripping existing paint, priming, painting black, and required maintenance of traffic for thirteen (13) intersections with mast arms. Project also includes the vinyl wrapping of 80 traffic signal control boxes with artwork.

Call to Artists - April, 2015

Artist Selection Committee June, 2015

Bids September 2015

Commission Approval of Artist Selection - July 2015

Assignment of Artists and Artist Contracts - August-September 2015

Post bid for furnish and install wraps: September 2015

Installation: October 2015

Installation: September-October 2015

First Phase completed June 2013

Status as of March 16, 2016: Construction

CAO working on interlocal agreement with Lighthouse Point. Agreement was accepted by City of Lighthouse Point and we are waiting on the agreement to be signed by COLP. Bidding Documents have been drafted and submitted to purchasing to be advertised in the week of 3/28/16 to 4/1/16.

37. Alsdorf Park Improvements 2012 [12-198]

This project seeks to design, permit & build improvements to Alsdorf Park to enable it to serve more boaters and larger vessels. This park's boat ramp is considered the busiest in Broward County. Plans include constructing fifteen parking spaces for vehicles and oversized trailers and will be expanded to the east of existing parking. Reconfiguration of the existing parking lot will also accommodate an additional seven regular sized parking spaces. This project will also plan for increased dock space along the Intracoastal Waterway that will improve the efficiency of the boat ramps with more staging area for boats. An upgrade to the boat washing stations and installation of an ice machine are also planned.

12/2015 - Construction Advertisement.

1/2016 - Pre-Bid & Bid Opening Meeting.

Status as of March 16, 2016: Advertisement

Roadway Construction was awarded the contract due to bid withdrawal from Sagaris Corp. Roadway Construction's bid amount was \$899,852.00. Contract Documents with Bid Award letter were sent to Roadway Construction on 3/18/16 for signatures.

38. Briny Ave Streetscape and Utilities [12-208]

Undergrounding approximately 2,300 lf of overhead utility lines from Atlantic Boulevard South to 8th Street, to include the side streets to the west to A1A. Streetscape project to be in conjunction with the undergrounding.

Begin construction May 2016. Complete construction by May 2017.

Status as of March 16, 2016: Design

CMAR@Risk Contract with Burkhardt approved by Commission March 8th in the amount of \$4.9 M. Coordinated with City's Urban Forester on landscape comments and forwarded to IBI and Burkhardt.

39. Skolnick Center Parking [13-201]

The project involves the construction of additional parking spaces. This project addresses the crowded parking situation caused by increased attendance for some of the center's activities.

Status as of March 16, 2016: Complete

Project complete

40. Police Fire Alarm System [13-203]

New Fire Alarm System for the public safety building.

Achieve 95% completion with construction activities.

Status as of March 16, 2016: Permitting

Demolition of old system underway.

41. Third Floor City Hall Renovation [13-221]

The revised layout proposes to improve functionality by sizing the workstations appropriately, arranging the workstations according to department, consolidating storage spaces, and providing the flexibility to modify in the future. The proposed plan also reorganizes the conference rooms for better access as well as rearranges the public and circulation spaces to enhance the customer service experience. It should also be noted that the proposed plan takes security and access into consideration by absorbing the 4th floor code compliance office so that there is less public requiring access to the 4th floor.

Approved by City Commission March 28th 2013.

Status as of March 16, 2016: Construction

Delivery of remaining additional office furniture. Installed operable wall panels in conference room.

42. Enhanced Landscaping for FDOT Improvement [14-222]

FDOT has an established Five Year Transportation Improvement Plan that identifies State roadway maintenance and repair projects within the City. These pavement repair projects typically allow for very limited landscape improvements to medians and adjacent right of ways (2% of total Project Cost). The purpose of this CIP is to reserve funding to enhance minimal landscaping scoped for established FDOT project(s).

Status as of March 16, 2016: Implementation

Reference Sample Road median enhancement (Military Trail to Fed Hwy)

Construction documents submitted to purchasing Department March 31st. Goal is to have bid on street by April 21st.

43. Beach Renourishment [14-223]

This project will allow the City to renourish it's shoreline.

Broward County has a project to widen the southern portion of the beach, south of SE 4th Street, which will commence in November 2016.

Status as of March 16, 2016: Ongoing

Contractor, Eastman Aggregate, has completed beach re-nourishment within the city limits of Pompano Beach. Contractor is now completing restoration of the one beach access point at SE 12 Street. Expect final restoration to be complete April 8th. The City must make first of three payments to Broward County November 2016.

44. Blanche Ely Museum – Renovation [14-224]

This project entails maintenance, renovation and resource planning for the Blanche Ely Museum located at 1500 NW 6th Avenue. While this museum is a valuable City-owned resource, in its current state, the museum cannot be used for exhibitions or tours.

Through this project, the museum will be thoroughly cleaned and repaired. In addition, all contents of the museum will be catalogued into a searchable database. Following the initial cleanup and cataloging phase, the project will include outlining a strategy for potential tours/activities and identifying potential financing and fundraising options for the facility.

Status as of March 16, 2016: Implementation

No Activity.

45. SW 36th Avenue Sidewalk [14-225]

This project will install a six (6) foot wide concrete sidewalk along the west side of SW 36th Avenue, from McNab Road to West Palm Aire Drive. The proposed sidewalk will create a complete pedestrian and bike connection along SW 36th Avenue.

12/2015 - FDOT PSE package approval obtained.

1/2016 - Construction and CEI Advertisement.

Status as of March 16, 2016: Advertisement

Bid opening on 3/3/16. Enco, LLC was lowest and recommended bidder for construction services. Recommendation from the City to award Enco, LLC was sent to FDOT on 3/15/16 and is awaiting approval before the City proceeds with the Contract Documents. CEI services RLI was posted with an opening date of 4/20/16. Boat ramp was removed from original scope and relocated due to a condition with funding from FDOT. Design of the boat ramp will be changed to potentially save the City between \$30,000.00 - \$40,000.00. We will use a piggyback contract to complete the boat ramp installation. Total project amount exceeds the total funding of the project.

46. Tennis Center Court Refurbishment [14-229]

This project consists of resurfacing the tennis courts at the Tennis Center and reconfiguring and resurfacing the courts adjacent to the Emma Lou Olson Civic Center.

Design costs associated with redesigning the Tennis Center building is also included in this project.

Project is under construction. Complete construction by June 29, 2015.

Status as of March 16, 2016: Complete

All work completed.

47. Collier City Mini Park [14-230]

This project entails the design and construction of a fenced covered playground structure, rubberized flooring, landscaping and a sitting area for parents in approximately 1/6th of an acre. Two vacant sites have been identified as a potential park, NW 4th St. at NW 30th Avenue and NW 3rd St. at NW 30th Avenue.

Acquire land by the end of 2014. Begin design of new park by April 2015.

Status as of March 16, 2016: Cancelled

Staff continues to seek other sites. No new progress to report.

48. Atlantic Boulevard Street Lighting [14-231]

The purpose of this project is to replace existing concrete-based light poles and Cobra head light fixtures with decorative lights from Federal Highway to A1A. PW and CRA Staff are considering installation of LED lights to replace the Cobra heads for energy efficiency.

Updated schedule: Due to FDOT review delays, complete design and construction documents by December 2015. Complete construction by August 2016.

Status as of March 16, 2016: Design

Contractor received poles. Waiting for fixtures and pole bases. Fixtures delivery is complete. Per Staff's request, start of construction to occur in late April, early May.

49. Fire Station Refurbishments [14-238]

This project consists of renovating existing City fire stations and training tower. Work involves modernizing facilities to include fixture and roof replacements, the upgrade of mixed gender use, ADA compliance and to meet current storm standards. Funding is intended to be used to renovate/replace Fire Station 61, currently located at 2121 NW 3rd Avenue. Fire Station 61 was originally built over forty years ago to serve the Drug Enforcement Administration. It has been adapted and used as a fire station for about 30 years. Existing building measures 8,645 square foot. Additionally, this project will renovate or rebuild Fire Station 52, currently located currently located at 10 SW 27 Avenue just south of Atlantic Boulevard.

This project also consists of renovating Fire Station 61, currently located at 2121 NW 3rd Avenue. Fire Station 61 was originally built over forty years ago to serve the Drug Enforcement Administration. It has been adapted and used as a fire station for about 30 years. Existing building measures 8,645 square foot. Proposed renovation site: Existing Location.

Additionally, this project will renovate or rebuild Fire Station 24, currently located at 2001 NE 10th Street. The station was built in 1969 to help provide fire EMS coverage to the community. Existing building measures 12,000 square feet. Proposed renovation site: Existing location.

Fire Stations 24 and 61 are being addressed in the current year. Fire Administration and Engineering will assess the remaining facilities to determine the order in which to implement the renovation of the remaining facilities.

01/2015 - Kick-off Design Development New Fire Station #24

Status as of March 16, 2016: Design

Platting Phase services for Fire Station No 61 and 52 are ongoing. On Jan 27, this project assigned to new CIP Project Manager. Nothing new to report.

50. Overhead Utility Conversion Downtown Pompano [14-249]

The City made available \$1,651,681.00 to fund undergrounding efforts in Old Pompano, more specifically along NE 1 Avenue, NE 2, 3, and 4 Streets, Flagler Avenue, and along Atlantic Boulevard from Dixie Highway to Cypress Road. Burkhardt Construction put together a design/build proposal and will coordinate all efforts with AT&T, Comcast and FPL. The main objective is to underground utilities as a precursor of other street beautification efforts geared to improve the looks of Old Pompano and entice future investment in the area.

Complete design by late May 2014. Secure necessary easements by June 2014. Construct improvements by September 2014. Update: Secure necessary easements by September 2014. Construct improvements by December 2014.

Status as of March 16, 2016: Construction

All easements are on hand. Awaiting switching orders from FPL.

51. Parking Lot Lighting Improvements Golf Course [14-250]

Parking lot lighting at the Municipal Golf Course is inadequate. This parking lot is heavily utilized by individuals visiting the Golf Course, Galuppi's restaurant, Dog Park, and Bike Path. To improve the lighting, we have increased the wattage for lighting fixtures, trimmed trees, and removed trees to increase illumination. Since the lighting is still inadequate, we must add additional light poles and fixtures. This project includes a lighting photometric study, design, and installation of new lighting along with upgraded electrical service. Depending on cost of upgrading the electrical service, it may be more economical to install solar lighting fixtures in lieu of wired fixtures.

Status as of March 16, 2016: Construction

Project had an increase in scope to accommodate the saw cutting of asphalt to install conduit (avoids damaging of tree roots in parking lot islands)

This additional scope will be incorporated with the modifications to access dog park and will be re-bid in a separate project expected to be out for bid at the end of March.

52. Mc Nab Park Decorative Fence [14-263]

The 500 linear feet of 6 feet high decorative aluminum fence will be constructed to enclose the 16 existing shuffle board courts and administrative building, to preserve the facility for its intended use. Leaving the courts open with unimpeded access to non-player traffic could result in resurfacing costs of \$ 1,000 - \$2,000 per court, while overall replacement costs could exceed \$50,000. Access to the courts will be provided through three access gates equipped with code activated locks. Codes to the locks can be made available to all authorized end users through the Parks and Recreation Department. Public access to both restrooms will remain unimpeded.

Approved by City Commission July 22, 2014

Status as of March 16, 2016: Complete

The Project is 100% complete. The shuffle board courts were used in a recent tournament. Only outstanding issue is the purchase of the Knox Box. Fire Dept. has the completed application and the check should be ready by 2/27/15.

53. New Restroom Kester Park [14-267]

The restroom concession building is heavily used and in need of expansion and renovation.

Status as of March 16, 2016: Design

Established new concept that is within current budget, or near to. Design commenced. Project to be presented to Parks & Recreation Board 2nd meeting in April.

54. Dixie Highway Improvements [14-268]

The Dixie Highway Corridor Study highlighted the potential benefits of reducing the number of lanes on the one-way pair between McNab Road and SW 2 Street. These benefits include aesthetic improvements, additional parking, bicycle and pedestrian facility enhancements, and traffic calming. The City must prepare a conceptual design, which will help the City specify where parking should be placed, how/ if access to businesses should be modified and how landscape islands and pedestrian! bicycle facilities should be configured. Cost estimates will be identified with various implementation strategies so the City can select a preferred option to move forward.

Added to the CIP on July 8, 2014

Status as of March 16, 2016: Design/Study

The following items were completed:

-Renaissance submitted a revised draft of the Dixie Highway concept plans based on discussion with city staff.

55. Riverside Drive [14-269]

North Riverside Drive between NE 14th Street and Atlantic Boulevard is the neighborhood's primary north-south roadway, along with A1A. It has been noted that speeding is a prevalent problem for this street. Staff was asked to investigate the existing conditions of North Riverside Drive and propose changes that would slow cars down to make it safer for area residents, pedestrians and bicyclists. Staff reviewed two studies of existing conditions produced by the Broward Sheriff's Office (WA #11-014 and WA #10-045).

Design by August 2017. Construction completion by July 2018.

Status as of March 16, 2016: Design/Study

A concept draft has been completed. The draft is currently being reviewed by staff. One additional community workshop will take place prior to presentation to the City Commission.

56. NW 9th Street and Powerline Road Connection [15-253]

Design and construction of a connection of NW 9th Street at Powerline Road. Project will include additional street lighting and pavement overlay of NW 9th Street from current dead end to NW 18th Ave. This connection will open vehicular traffic flow which will help alleviate the current neighborhood blight and eliminate the bad stigma of this area being commonly referred to as "Ugly Corner."

The project was added to the Capital Improvement Program on December 9th 2014. This project was completed August 2015.

Status as of March 16, 2016: Complete

Project is complete

57. Sgt. Kip Jacoby (Norwood Pines) Park Expansion [15-254]

This project consists of expanding the existing park by purchasing adjacent vacated gas station.

Status as of March 16, 2016: Implementation

Negotiations are underway with the City Attorneys office and the Parks, Recreation and Cultural Arts Department.

58. Beach Community Center [15-255]

This project includes a new design and construction of a 8,500 square foot community center east of the Atlantic bridge. Site location has yet to be determined.

Project on hold.

Status as of March 16, 2016: Design

Staff met with design team, CRA and City representatives to resolve access issues, synergy between facilities (i.e., Beach Library, etc.), parking deficiencies, upcoming presentations to the East CRA Advisory Committee, Parks and Recreation Advisory Board, City Manager, District Commissioner, etc. Staff prepared a series of options and pros and cons were discussed leading to specific directives to the design team and presentation was conducted. The ideal location has been established and collectively agreed, and design will commence once vetted to CRA Board.

59. Community Park Baseball Netting [15-265]

Install netting at Community Park to prevent foul balls from going into the multi-purpose field.

Project complete.

Status as of March 16, 2016: Permitting

Project complete

60. Enhance North Palm Aire Drive Median [15-266]

This roadway is a major entrance into Palm Aire and the center median needs to be reconstructed. Project scope includes new concrete curbing, irrigation, trees sod, and re-paving both traffic lanes.

Status as of March 16, 2016: Ongoing

North Palm Aire Drive median:

Dead trees have been removed and remaining trees trimmed.

Purchase order to relocate palms from FDOT right of way approved.

Seeking landscape architect to design drought tolerant landscape plan.

61. Water Taxi Station [15-272]

Bringing the Water Taxi service back to the City is an idea that Staff identified as another essential feature to further support previous efforts to improve the beach area and to provide more options to attract tourism. In order to ensure the proper facilities are available to support future Water Taxi service, and to enable other boating enthusiasts to come to Pompano Beach and enjoy the amenities proposed for the Pier Parking Lot and beach area, the City would need to construct new dockage facilities. The proposed dockage will be used for public and commercial access for large and small vessels. The chosen site is located on the Intracoastal Waterway at NE 2 Street and Riverside Drive. This site (North Riverside Park) is located across the street from a new 5,400 Sq. Ft. beach library (under construction) and it is a public park. Partial funding for this project comes from a Florida Inland Navigation District grant (\$17,500.00 for design). Staff will apply and hopes to receive another FIND grant for construction efforts in late 2015, early 2016 (\$123,750.00). The City is required to match the same amounts of the grants.

Complete design and secure permits from various agencies by September 2015.

Begin construction by late 2015-early 2016.

Water taxi station to be ready for use by Seafood Festival 2016 (+/- April 22, 2016).

Begin operating a Water taxi by late 2016, early 2017.

Status as of March 16, 2016: Design

U.S. Corps of Engineers approved the project and Staff is awaiting receipt of approval letter.

62. Mitchell Moore Restroom [15-273]

Demolish existing concession/restroom building and replace with new. Design Fees estimated at \$65k, Construction Costs, \$400k.

submit to pre-DRC, Obtain Commission approval fro Phase II design fees for architectural services.

Status as of March 16, 2016: Design

Song & Associates has commenced design. Project to be presented to Parks & Recreation Board on April 5, 2016. Design is at 60%.

63. McNair Park Restroom [15-274]

This project consists of a complete interior renovation to the existing concession/restroom facility to meet ADA compliance. New appliances, cabinetry, paint, etc.

Obtain Permit

Status as of March 16, 2016: Design

Construction underway, 40% complete.

64. Golf Course Lake Repair [15-295]

The City of Pompano Beach has hired Landshore Enterprises LLC. to provide design and construction management services for golf course lake bank repairs at the Pompano Beach Municipal Golf Course.

12/2015 - Lake #2 bank stabilization completed.

1/2016 - Lake #7 bank stabilization commencement.

Status as of March 16, 2016: Design

Lake #10 stabilization EFT tubing complete. Dog Park Lake EFT tubing has begun on 3/21/15 with a projected finish date of 4/18/16. Bulkhead on Lake #7 to be installed during off-peak schedule per golf course supervisor's request. The anticipated date to begin bulkhead installation is 4/18/16. Construction of the bulkhead will take 4-5 weeks to complete. Both contractor and City staff monitoring all lake water levels as this could potentially delay Phase 2 improvements and overall construction completion. Record rainfall has caused lakes' levels to rise beyond the point where the contractor can work. The lake system does not have any type of channel system to relieve the lake levels.

65. Implement Wayfinding Signage [16-275]

The City has adopted a new standard for signage: gateway, directional, and destination. The plan is to implement this signage as new facilities are constructed and areas are re-developed. However, many of the existing signs are in disrepair and must be replaced independent of new construction or re-development.

Status as of March 16, 2016: Implementation

FDOT approved the permit for installation of the Directional wayfinding sign. The permit for gateway sign is still being reviewed by FDOT.

66. Canal Dredging 2016 [16-276]

Dredging critically shoaled canals is necessary to improve the quality of boating and alleviate water safety hazards. A canal study is being performed in FY16 to determine which canals need to be dredged to accommodate drainage and boating. Funds are being allocated for the study and anticipated dredging activity.

Status as of March 16, 2016: Design

Work Authorization #1 and Request for Resolution created and approved by COA. We requested that Sea Diversified, Inc. provide the surveying and mapping which will include (98) City maintained canal systems, (4) private canals, and (5) City maintained lake systems. The tasks involved will help determine the shoaling trends, known areas of critical shoaling, investigate potential shoaling such as un-stabilized shorelines, and deteriorating bulkheads and storm water outfalls. Deliverables will include surveying, mapping and canal maintenance plan update.

Agenda Item was created and submitted for signatures on 3/24/16 and to be on the commission meeting on 4/12/16

67. Community Park - New Bathroom Building [16-279]

Replace existing bathroom building in Community Park. The new facility must be ADA accessible and LEED Certified.

Define scope/fees, obtain commission approval.

Status as of March 16, 2016: Design

Design has commenced. Project to be presented to Parks & Recreation Board on April 5, 2016. Design at 30%.

68. Aquatic Center- Pump Room Replacement and Classroom [16-280]

This project consists of the reconstruction of the structurally decaying existing pump room and the addition of classroom, guard room and storage space at the Aquatic Center.

Status as of March 16, 2016: Design

Commission approved Architectural design fee.

69. Tot Basketball Courts in Community Park [16-281]

This project consists of the design and construction of 2 new tot size basketball courts in community park.

Complete design. Obtain buy-in from P&R Board.

Status as of March 16, 2016: Design

Design is complete. Awaiting buy-in from Parks & Recreation Board. After which, construction will commence.

70. Alley Improvements [16-282]

Project to improve alleyways with paving and drainage improvements.

Status as of March 16, 2016: Implementation

Implementing

71. Bleacher Sunshades at Mitchell Moore [16-283]

This project is to purchase sun shade for the 5 bleachers located on the home side of the rectangular field.

Status as of March 16, 2016: Implementation

Design for sunshades approved by Parks & Recreation. Received pricing for design and installation and will recommend to use a piggyback contract with Clay County using Rep Services, Inc. This will save the City valuable resources along with the City capitalizing from the Clay County savings of 2%. Meet with Urban Forestry and planning for pre-design requirements. We will need funding to be increased to accomplish the installation of (5) bleacher shades.

72. Emma Lou Olson Civic Center Improvements [16-284]

This project involves replacement of flooring , ADA accessible bathrooms and countertops, installing fire rated doors, adding storage space, and renovating reception/front desk area.

Status as of March 16, 2016: Proposed

Preliminary design for front desk sent to Parks & Recreation for review.

73. Fire Station #24 [16-285]

Design and reconstruction of an existing fire station supporting rescue services in and around Pompano Beach Municipal Airpark, the Highlands, east to the Intracoastal and south to McNab Road. The design will include provisions for a +/-13,000 square feet facility with capacity for 4 fire apparatus. This facility is outdated and in dire need for a replacement. Subject to design review and considerations, Staff intends to keep the existing station open while a new building is constructed directly adjacent. Staff will consider temporary installation of a trailer, if necessary.

Complete due diligence study to determine the proper siting to avoid construction in conflict with Airpark take-offs and landing patterns (June 2015). Platting determination and implementation October 2016. Concurrent issue of RFP for Design Build Firm and creation of permit documents for release after plat established.

Status as of March 16, 2016: Proposed

Project was released for RFP on 3/2/16 with optional Pre-Proposal meeting held 3/15/16. Project design-build proposals to be opened 4/4/16.

74. Sand Spur Park Improvements [16-286]

This project involves a new pavilion (30x30), new restroom, and additional parking facilities.

Submit design scope/fees to commission for approval.

Status as of March 16, 2016: Implementation

Project to be presented to Parks & recreation Board on April 5, 2016. Design at 30% complete.

75. Landscaping & Entryway Enhancement (LEEP) / Commercial Landscaping & Improvement Programs (CLIP) [98-711]

This project involves the City providing matching funds for capital improvements in the rights-of-way for entranceways, landscaping and neighborhood identification signage. The matching grant program is aimed at enhancing the appearance and quality of life within the City's various neighborhoods.

Status as of March 16, 2016: Ongoing

Project has been submitted for Harbor Drive. Scope: install 3 signs. Total cost of project is \$3K. City is submitting permit for sign.

Received package 12/4/12 for Entryway sign and landscaping enhancement for Palm Aire Country Club Condo. Total scope of project estimated at \$43K.

Existing Utility Renewal and Replacement Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Wastewater - Sanitary Sewer Manhole Rehabilitation [02-828]	85%	\$2,943,479	\$2,413,206	\$98,359	\$431,914
2. Wastewater - Compliance Status Study [04-869]	96%	\$221,274	\$207,311	\$5,126	\$8,837
3. Wastewater - Collection Re-Lining [04-870]	81%	\$7,459,499	\$5,934,689	\$83,944	\$1,440,866
4. Water Treatment Plant - Maintenance [05-886]	72%	\$3,623,405	\$1,826,973	\$780,710	\$1,015,722
5. Reuse Treatment Plant Maintenance [05-887]	79%	\$1,745,585	\$943,866	\$443,733	\$357,986
6. Wastewater - Lift Station 21 Rehabilitation [05-914]	100%	\$4,547,110	\$4,530,800	---	\$16,310
7. Reuse Distribution Expansion [06-904]	75%	\$5,813,180	\$4,277,525	\$100,829	\$1,434,826
8. Water Main Replacement Program [07-931]	83%	\$2,764,168	\$2,235,818	\$55,822	\$472,528
9. Well Maintenance Program [07-932]	91%	\$951,596	\$774,583	\$88,034	\$88,979
10. Water Treatment Plant - Membrane Element Replacement [08-952]	0%	\$1,202,500	---	---	\$1,202,500
11. Wastewater - Lift Station Rehabilitation [08-968]	81%	\$5,370,922	\$2,223,258	\$2,133,231	\$1,014,433
12. Utilities - Replacement Utilities Field Office [10-121]	97%	\$2,993,475	\$2,686,928	\$222,702	\$83,845
13. Water Conservation Program [10-988]	44%	\$214,949	\$91,056	\$4,188	\$119,705
14. Water Treatment Plant- Emergency Diesel Pump & Motor Fuel Tank Replacement [11-127]	100%	\$189,997	\$161,229	\$27,853	\$915
15. Roof Replacement Roofs over 2 Switchgear Buildings WTP & Main & Chem. Bldgs. Oasis Plant [11-128]	88%	\$105,999	\$93,360	---	\$12,639
16. Water Treatment Plant - Electrical System Rehabilitation [11-194]	100%	\$2,652,172	\$1,497,819	\$1,146,631	\$7,722
17. Replacement of Fluoride Tank/Pump [12-181]	22%	\$49,999	\$11,033	\$178	\$38,788
18. Water Supply Plan [12-183]	99%	\$200,695	\$198,424	---	\$2,271
19. Wastewater - General Electrical Improvements at all Lift Stations [13-205]	0%	\$326,700	---	---	\$326,700
20. Water - A1A Water Main Replacement [13-206]	17%	\$604,000	\$85,489	\$15,827	\$502,684
21. Water Treatment Plant Security/Facility Access Study [14-233]	100%	\$240,000	---	\$238,999	\$1,001
22. Water Master Plan Update 2014 [14-234]	100%	\$58,299	\$8,745	\$49,554	---
23. Water Hydraulic Distribution System Model [14-239]	100%	\$138,285	\$138,285	---	---

* Balances as of March 16, 2016		<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
24.	Water Treatment Plant Facility - Painting [15-256]	0%	\$446,000	---	---	\$446,000
25.	Water Treatment System Corrosion Study [15-257]	0%	\$80,000	---	---	\$80,000
26.	Water Treatment Plant - Membrane Concentrate Connection [15-258]	3%	\$343,000	\$7,701	\$1,854	\$333,445
27.	Utility Asset Management Development and Implementation [15-259]	7%	\$525,000	\$31,155	\$4,336	\$489,509
28.	Wastewater - Gravity Collection System Expansion [15-260]	30%	\$170,000	\$43,624	\$7,310	\$119,066
29.	Wastewater Manhole Installations In Liberty Park Area [15-261]	0%	\$5,000	---	---	\$5,000
30.	Water Plant Lime Softening Process Rehabilitation [16-287]	0%	\$300,000	---	---	\$300,000
31.	Utility Hardening of Water Inter- Connections [16-288]	0%	\$500,000	---	---	\$500,000
32.	Hurricane Hardening For Water Plant Facilities [16-289]	0%	\$475,000	---	---	\$475,000
33.	Reuse Plant Facility Painting [16-290]	0%	\$250,000	---	---	\$250,000
Totals			\$47,511,288	\$30,422,877	\$5,509,220	\$11,579,191

Existing Utility Renewal and Replacement Projects

1. Wastewater - Sanitary Sewer Manhole Rehabilitation [02-828]

This project involves the rehabilitation of deteriorated brick manholes located throughout the City. Rehabilitation consists of covering the interior surfaces with an adhesive, non-permeable material. 58 manholes have already been relined in FY 2015. Citywide there are 4,400 manholes.

Status as of March 16, 2016: Ongoing

Continue inspecting manholes for future rehabilitation. Purchasing is putting together the bid package, based on the spec's that were sent over.

2. Wastewater - Compliance Status Study [04-869]

This project involved the preparation of Capacity Assurance, Management, Operation and Maintenance (CMOM) Study of the City's sanitary sewer system to assure compliance with EPA requirements. At the November 9, 2004 meeting, the City Commission authorized Chen and Associates to prepare the study in the amount of \$37,200. The study was completed in the third quarter of fiscal year 2005. Department is in the process of implementing the recommendations.

Status as of March 16, 2016: Implementation

The project will be completed by performing a CMOM (Capacity Management Operations and Maintenance) self assessment and correcting any deficiencies. These findings will be incorporated into the next Wastewater System Masterplan. The Wastewater Masterplan will be going before the Commission for approval in April.

3. Wastewater - Collection Re-Lining [04-870]

This annual CIP allows for relining sanitary sewer gravity mains throughout the City to minimize infiltration of groundwater. Where ever possible, this is accomplished through trenchless methods. However, from time to time, open cut point repairs are appropriate.

In 2009, 2.29 miles of relining was completed. In 2010 1.97 miles of relining was completed. In 2011 2.1 miles of relining was completed. In 2012 4.70 miles of relining was completed. In 2013 zero miles were completed. In 2014 1.96 miles of relining was completed.

Status as of March 16, 2016: Ongoing

The lining bid has been posted and closes on 3/14/16. In the mean while we are continually inspecting gravity mains while gathering a list of mains that need to be lined.

4. Water Treatment Plant - Maintenance [05-886]

This project includes various maintenance, rehabilitation, and operational enhancements to the existing water treatment plant and membrane plant.

Sub projects include, security, chemical feed system repairs and installations, electrical switch gear maintenance and various upgrades.

Status as of March 16, 2016: Ongoing

RICE/NESHAP- Training received on new equipment. Written overview of training and settings need be provided for project close-out.

Received shop drawing for new lime softening unit gearbox. Consultant asked vendor for additional information per bid. Waiting for that information.

Electrical switchgear testing and repair contractor installed refurbished main FPL 4160V breaker and programmer for 480 main breaker. Also performed test on membrane skid breaker.

5. Reuse Treatment Plant Maintenance [05-887]

Allocated for maintenance, replacement, reconditioning and installation of reuse plant pumps, motors, piping, valves, electrical switch gear and equipment, chemical feed equipment and infrastructure as needed.

Status as of March 16, 2016: Ongoing

Reuse Plant permit renewal application submitted to DEP-received permit, requesting additional information and clarification. Still waiting on clarification.

Sodium hypochlorite chemical feed system rehabilitation completed.

Worked continued on Asset Management locations and definitions.

Quotes received for VFDs and order made

6. Wastewater - Lift Station 21 Rehabilitation [05-914]

Rehabilitation of Lift Station 12 (Old 21), 251 N. Pompano Beach Blvd. Old station to be demolished once new station is up and running.

This lift station serves the barrier island from NE 11th Street to approximately SE 6th Street.

Under construction.

Status as of March 16, 2016: Complete

Project is complete.

7. Reuse Distribution Expansion [06-904]

This annual project continues with the installation of the reuse distribution system in Service Areas 1 through 4, as detailed in the Reuse Water Master Plan, which represents service to over 1,000 acres. The City is looking to enter into an interagency local agreement with Lighthouse Point installing reuse piping. Lighthouse Point mandate residential, commercial and industrial customers to connect for irrigation (over 500 connections).

Status as of March 16, 2016: Ongoing

August: Main installation and pressure tests have been completed on NE 27th Terrace, NE 27th Way, NE 28th Terrace and NE 11th Street. Main installation for NE 28th Avenue will begin 9-4-2014.

Service installation has been completed on NE 11th Street, NE 27th Way and NE 28th Terrace. Service installation is currently going on at NE 28th Avenue between NE 11th Street and cul-de-sac.

September: Service installation and main installation has been completed on NE 28th Avenue. All roads have been paved. All reports have been turned over to Engineering Division to submit for approval.

October: Nothing further to report at this time. Still waiting on clearance.

November: Received clearance from the County for the reuse main on the island. Reuse main was put into service.

December-October: Nothing to report for these months.

December 2015: Nothing new to report.

February 2016: Met with City of Lighthouse Point on February 16th to discuss a reuse expansion construction plan.

March 2016: Still waiting on final word from the city of Lighthouse Point.

8. Water Main Replacement Program [07-931]

This annual project is to continue the replacement of undersized galvanized water mains as well as unlined cast iron distribution mains throughout the City.

Status as of March 16, 2016: Ongoing

August: Water samples on NE 7th Place have passed and the results have been sent to the health department for approval. Pressure test and water samples have passed at the Air Park Project and have been turned over to the contractor's engineer per the contract agreement.

Materials have been ordered for the project on NE 1st Avenue between Atlantic Blvd and NE 4th Street.

September: Water main was approved by the Health Dept. for NE 6th Street and NE 7th Place between Riverside Drive and A1A on September 17.

Both mains have been tied in and put into service.

Water main on NE 1st Avenue between NE 1st Street and NE 2nd Street has been installed and passed pressure test. The contractor can now continue with their scope of work. Water main installation is currently ongoing in the 200 - 300 block of NE

1st Avenue.

October: Water main and water services have been installed on NE 1st Avenue from NE 2nd Street to NE 4th Street. All tests have been completed and package has been turned in to Engineering to submit for partial clearance.

November: Received clearance from the Health Department for the new water main at the Air Park. Water main was put into service.

Received clearance from the Health Department for the water main on NE 1st Avenue from NE 1st Street to NE 4th Street.

December: Put water main into service and connected all water services on NE 1st Avenue from NE 1st Street to NE 4th Street.

January: Installed water main on NE 1st Avenue between Atlantic Blvd. and NE 1st Street. Passed pressure test and bacteriological tests. All paper work has been turned over to Engineering.

Started service installation for water main project on NE 7th Street between Harbor Drive and NE 28th Avenue.

February: Completed service installation on NE 7th Street between NE 26th Avenue and NE 28th Avenue and started main installation.

March: Completed main installation, pressure test and densities on NE 7th Street. Turned it over to the Streets Department for paving on March 13th.

Started service installation and water main installation on NE 8th Street between NE 26th Avenue and NE 28th Avenue.

April: Completed service and water main installation on NE 8th Street between NE 26th Ave. and NE 28th Ave. Pressure test, back-t's, and densities have been completed and turned in for certification.

May: Received main certification for NE 7th and 8th Street between NE 26th Ave and 28th Ave as well as NE 28th Ave between NE 7th Street and NE 8th Street. Crews started connecting the customers to the new services and main.

June: All tie-ins and connections have been made on the NE 7th Street and NE 8th Street water main project. It is now complete.

July: Nothing new to report at this time.

August: Met with City Engineer to replace 2" water main at the 800 block of SE 5th Terrace.

September: Nothing new to report.

October: Contractor rerouted 8" water main at 2720 MLK Blvd. for proposed DOT storm drain catch basin.

November: Nothing new to report.

December: Nothing new to report.

February 2016: Met with Utilities Engineer to plan areas for main replacement. Reviewing plans.

March 2016: Reviewed plans for proposed work and turned them in to Engineering for final draft.

9. Well Maintenance Program [07-932]

This ongoing project includes various maintenance, rehabilitation, and operational enhancements to the existing well fields and may include routine maintenance and rehabilitation where circumstances dictate. In addition, the project will include well field optimization, remote telemetry, concentrate deep well testing and maintenance and enhanced well field security. Department of Health compliance and the Florida Department of Environment Protection requires the Utilities Department to test the concentrate injection well for integrity on a yearly basis.

Since this project was created in 2007, the following wells have been rehabilitated:

2007	26,27,24,25
2008	23,17
2009	26,11,15,3
2010	12, 20,6

2011 18
2012 4,5,12
2013 9,10,13, 14
2014 23,

Status as of March 16, 2016: Ongoing

Monitoring well-Reviewed revised O & M manual project completed.
Completed bacteriological clearance testing on well #15. AMPS re-assembled well #3, waiting on staff to re-install motor.

10. Water Treatment Plant - Membrane Element Replacement [08-952]

This ongoing project consists of replacing the membrane elements (filters) when needed. The membrane elements are used to purify water to make it potable and requires replacement every 5. All filters were replaced in FY 2016. Funding will be budgeted over a multi-year period to provide for full replacement.

Status as of March 16, 2016: Proposed

Consultant has submitted design of new pilot plant schematic.

11. Wastewater - Lift Station Rehabilitation [08-968]

This annual CIP allows for upgrading and rehabilitating wastewater lift stations as prioritized by the Utilities Department. A lift station rehab consists of replacement of all major components, including plumbing, mechanical and electrical.

Status as of March 16, 2016: Overall CIP

Shop drawings under review and permitting in process for LS No's 61, 84, 86, 106, 107, 111 and 143 (\$1.8 M).

12. Utilities - Replacement Utilities Field Office [10-121]

Replacement of the existing, deteriorated Utilities Field Operations Building with LEED certified construction (Leadership in Energy and Environmental Design) along with site improvements.

Status as of March 16, 2016: Design

Progress meeting. Final walk-thru conducted 3/29 and punch-list items were documented.

13. Water Conservation Program [10-988]

The Water Conservation Program is mandated as one of the limiting conditions of our Consumptive Use Permit. The program will consist of water saving features that will lower our water consumption.

In FY2010, the City replaced shower heads and kitchen and bathroom faucet aerators for 1,816 residences saving about 56 MG/Y. Funds are being used to fund a two day leak detection survey annually. The City provided water conservation kits to two classrooms through the Water wise program. In Fiscal Year 2011, 200 restaurant sprayers were replaced saving about 11 Million Gallons/year. Water Saving Devices were given away at the City Health Fair and in 2013 a water conservation workshop was held for residents. In FY 2013 the retrofits provided to customers resulted a savings of almost 6.9 Million Gallons of water annually. Program components also include annual leak detection surveys, irrigation surveys for large water users and outreach events (Homeowner Association Meetings, Schools & community functions). The City participates in the Broward County Mobile Irrigation program which conducts irrigation audits for large water users. The program effectiveness is demonstrated by the dropping water usage rates per person. In FY15 the conservation program saved 14.8 Million gallons of water (not including the reuse savings).

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Status as of March 16, 2016: Ongoing

Commission Proclamation on March 22nd declaring April as Water Conservation month. Continued to reach out to Condominiums and HOAs in order to provide water saving retrofits. Annual leak detection studies in the City's water distribution system scheduled.

14. Water Treatment Plant- Emergency Diesel Pump & Motor Fuel Tank Replacement [11-127]

Installing a new backup pump and fuel tank for the water supply.

Status as of March 16, 2016: Complete

Official start-up of diesel pump and motor.

15. Roof Replacement Roofs over 2 Switchgear Buildings WTP & Main & Chem. Bldgs. Oasis Plant [11-128]

This project consists of the demolition and removal of the existing Ballast rock roof down to the metal deck on two identical 20' x 30' Electrical Switchgear Buildings and replacing both these roofs with a modified roofing system at the Water Treatment Plant located at 1205 NE 5th Ave and the demolition and also the removal of the existing TPO roof down to tapered insulation on the 50' x 70' Control Building and the removal of the existing built-up roofing system and the in kind replacement on the Chemical Building. Both Buildings are located at the Re-Use Water Treatment Plant, located at 1799 N Federal Highway.

Status as of March 16, 2016: Complete

Buildings at the Oasis Plant are complete. Work on both Switchgear buildings at the Water Treatment Plant are also complete. Warranties are on hand.

16. Water Treatment Plant - Electrical System Rehabilitation [11-194]

Renovation of the old electrical system in the Water Treatment Plant. The renovation includes all 5kv high service pumps and starters, all electrical switches, gears and main electrical distribution systems.

Status as of March 16, 2016: Design

Electrical Improvements Phase 2 at Water Treatment Plant in progress with Florida Design Contractors (\$1.3 M). Connected and energized new 480 switchgear temporary 480 wiring from Membrane Plant to Filter Building. Formed and poured new concrete pad for new outdoor transformer. Connected new feeder wiring for new outdoor medium voltage transformer and switchgear for new MCC. Demo old 4160 transformer and 480 motor control switchgear for high service pumps.

17. Replacement of Fluoride Tank/Pump [12-181]

Replacement of the fluoride storage tank and three feeder pumps.

Status as of March 16, 2016: Complete

New pump skids installed and operational. Replacement wall panel and door install complete for housing. Day tank installation remaining.

Day tank installation complete and enclosure painted. Project complete.

18. Water Supply Plan [12-183]

This project consists of preparing a Water Supply Plan. This plan is required to be revised every five years and approved by the South Florida Water Management District and the Florida Department of Economic Opportunity. This plan must be adopted, along with the relevant Comprehensive Plan Elements, within 18 months of the South Florida Water Management District approving the Lower East Coast Water Supply Plan.

The South Florida Water Management District approved the Lower East Coast Water Supply Plan in September 2013. The City must complete and adopt the City Water Supply Plan by February 2015. South Florida Water Management District and Florida Department of Economic Opportunity approval must be received before City adoption.

Status as of March 16, 2016: Complete

None. Funding will be available for the update FY 2019.

19. Wastewater - General Electrical Improvements at all Lift Stations [13-205]

Improve electrical systems at all lift stations. This is a recommendation from the 2011 Wastewater master plan and the City Facilities Assessment Plan to stop corrosive gases from ruining the electrical components and bring these stations up to current Electrical Code Standards. This project differs from general lift station rehab. in that it specifically targets deficiencies in the electrical wiring.

Status as of March 16, 2016: Design

Nothing new to report.

20. Water - A1A Water Main Replacement [13-206]

SR A1A water main replacement between Dow St and Riverside Drive as the water main is reaching the end of it's design life.

12/2015 - Met with FDOT regarding pavement replacement requirements.

01/2016 - 75% Plan Completion.

02/2016 - 100% Plan Completion.

Status as of March 16, 2016: Design

Conducted final design meeting with Ben (Utilities) and Matthews, provided City feedback. Broward DEP permit check has been prepared, application completed and submittal is imminent. Regarding FDOT requests to install a layer of geogrid for earth stabilization under pavement as well as the installation of an additional 3" of paving thickness above what the City typically requires (as well as what the existing condition is), Engineer and City agreed to submit FDOT permit without these items due to perceived lack of value and technical merit.

21. Water Treatment Plant Security/Facility Access Study [14-233]

To investigate the best approach to secure various areas of the water treatment plant facility using the state of art security technologies. Some of these areas are ingress and egress of the plant site, the High Service Pump rooms, the electrical rooms, the Operations and Chemical rooms and the training and laboratory rooms.

Status as of March 16, 2016: Implementation

Membrane Plant: Servers are functional and all cameras operational and recording.

Old Water Treatment Plant: All conduit has been installed except for one room and area. Card readers and camera installation complete. 70% of locks installed.

22. Water Master Plan Update 2014 [14-234]

Current Water System Master Plan update was completed in 2009. The City's Comprehensive Plan requires five year updates. The Water System Master plan includes an assessment of distribution system and raw water facility condition, and incorporates current documents used to evaluate the adequacy of the water system to meet required level of service and to maintain compliance with water quality and regulatory requirements.

Status as of March 16, 2016: Design/Study

Future projects information received from CRA for inclusion in plan.

23. Water Hydraulic Distribution System Model [14-239]

As an integral part of the City of Pompano Beach's utility planning, operations and maintenance efforts, the City requires a potable water distribution, storage and transmission computerized hydraulic model. This model will reflect current water demands, evaluate future water demands, identify any system deficiencies, and recommend improvements to the system. This model will serve as an integral component in assisting the City with master planning throughout the City's water service area.

Status as of March 16, 2016: Complete

City met with MWH do discuss comments to Draft report and final report has been issued.

24. Water Treatment Plant Facility - Painting [15-256]

The water treatment plant facility has not been painted for over 25 years: There are superficial cracking allowing moisture to get into the concrete that can cause deterioration of the concrete and the reinforced iron rebar. The cracks in the facility must be repaired and sealed, then a top coat of uniformed color coating applied to improve the structural and aesthetic appearance of the facility.

Status as of March 16, 2016: Implementation

On-hold. - Facility Hardening Project in CIP needs to be completed first or duplication of some building exterior coating would occur. Scope of Work for Hardening Study has been submitted and awaiting Commission approval.

Staff working on bid package with Purchasing and will put out RFP for painting of ground storage tanks with next several months.

25. Water Treatment System Corrosion Study [15-257]

The Florida Administrative Code requires optimized corrosion control for all Large Water Suppliers. The last study was done before the construction of the membrane plant. This project will also provide a mechanism for corrosion control inhibitor testing.

Obtain scope of work from contractor, construct corrosion test racks, test current state and then potential corrosion inhibitors for comparison

Status as of March 16, 2016: Design/Study

Discussed with consultant and waiting on information on where to purchase pre-made rack.

26. Water Treatment Plant - Membrane Concentrate Connection [15-258]

Design and install a pipe line to the Broward County Wastewater Force main for emergency disposal of membrane plant concentrate water during times when the concentrate injection well is down for maintenance and/or testing.

Status as of March 16, 2016: Implementation

Received Technical Memorandum from Consultant and reviewed. Consultant's estimated costs for all options exceeded budgeted amount. Discussed with consultant feasibility of sending concentrate to Reuse plant for disposal. Discussed this option with DEP during recent meeting on Reuse Plant permit renewal. They are open to this option in the new permit but will require additional information. Staff to work with consultant to provide what is needed for approval. Field Operations and WTP staff located unused piping from Reuse Plant to WTP which could be used for this purpose.

27. Utility Asset Management Development and Implementation [15-259]

This project is the development and implementation of a utility asset management program. The software, consulting/design for this program will enhance the life of the utility assets, identify future CRP/CIP projects, assist with compliance and increase reliability, and meet City Strategic Plan objective 1.4.3.

1. Hire Asset Management/Project Specialist to oversee the program and provide continual staff training as well as perform system administration functions. 2. Procure software licenses and development/implementation contractor. 3. Undergo implementation and piloting at the Reuse Plant. Undergo implementation at the Water Treatment Plant.

Status as of March 16, 2016: Implementation

Continued loading data. Project at Reuse Plant at 54% completion at the end of February, 2016.

28. Wastewater - Gravity Collection System Expansion [15-260]

The City's Gravity Sewer System currently supplies almost all areas of the City of Pompano Beach. This project will extend the system to those remaining residential, commercial, and industrial areas. The largest being the area south NW 15 Street and north of Atlantic Boulevard bisected by MLK Boulevard, bordered on the east by I-95 and one the west by the railroad tracks/NW 15 Avenue/N Andrews Avenue, composed entirely of industrial property. Providing wastewater service to these remaining areas will improve both the quality of life for the consumer, further empower economic development and reduce discharges into the surrounding water bodies. Several of the unserved areas are located in the vicinity of the Pompano Canal- an impaired water body. Reducing discharges in the area of this water body is a regulatory requirement.

Status as of March 16, 2016: Implementation

"Area D" wastewater gravity expansion design 100% complete by Mathew's and construction for this has been added to Weekley's Contract for the MLK Streetscape Improvements since it's within same project limits along with other advantages, in the amount of \$330 K to be used out of project contingencies.

29. Wastewater Manhole Installations In Liberty Park Area [15-261]

Installation of manholes in Liberty Park area to better service the gravity wastewater system.

Status as of March 16, 2016: Implementation

Design is 100% complete. Regulatory permitting in process.
8 bids were received March 17th.

30. Water Plant Lime Softening Process Rehabilitation [16-287]

The Water Treatment Plant has two (2) distinct treatment processes, lime softening and membrane. A recent evaluation conducted by City Consultant, Carollo Engineers, compared either expanding the membrane treatment process and decommissioning the lime softening, or rehabilitating the lime treatment plant for a 20 year life cycle. It was determined that based on the capital costs and operational costs for membrane expansion, that rehabilitating the lime softening treatment was more cost effective. This proposed project supports Quality and Affordable Services Initiative 1.4 and 1.7 of the City's Strategic Plan.

Status as of March 16, 2016: Proposed

Working with Engineering and Purchasing to determine if a RFQ for design/build service would be an efficient method to facilitate this project and other upcoming rehabilitation work needed.

31. Utility Hardening of Water Inter-Connections [16-288]

Project will install meters and backflow protection between the City of Pompano Beach Water System and other Utilities at the following locations: Broward County 2A* 12" 1 MGD at 2517 NE 22nd Avenue, Lighthouse Point; Fort Lauderdale* 12" 1 MGD near SW 15th Street & Powerline Road; Margate* 10" 3100 MLK Boulevard, Pompano Beach, Margate* 12" 3300 W. Atlantic Boulevard, Pompano Beach AIA/6000 N. Ocean Boulevard, Lauderdale by the Sea. The meters provide for water usage determination and recovery of cost should emergency conditions require the opening of the connections.

Status as of March 16, 2016: Design/Study

Examining potential sites

32. Hurricane Hardening For Water Plant Facilities [16-289]

Per the Facilities Assessment, subsequent CDM study (Building Structural Review for Hurricane Hardening Grant) that was previously conducted, and current Florida Building Code wind load requirements, it has been determined that some of the Water Plant facility still requires structural modifications and hurricane rated impact windows and doors for adequate hurricane hardening of the Water Treatment Plant.

Status as of March 16, 2016: Design/Study

Received resolution, agenda item pending Commission approval in order to begin study.

33. Reuse Plant Facility Painting [16-290]

This project is for the painting of the Reuse Plant building structures. These structures include the main building, chemical building, north and south filters and two storage tanks onsite. These structures have not been repainted since their installation in 1988 and 2001 and their coatings have met and exceeded their service life.

Status as of March 16, 2016: Proposed

Utilities Engineer completed development of RFP for this work and sent to Purchasing for solicitation. Pre bid was held.

Existing Stormwater Utility Capital Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Storm Sewer Pipe Rehabilitation [02-831]	100%	\$2,725,860	\$2,722,072	---	\$3,788
2. Sub basin NC 2-1 [07-936]	94%	\$1,454,772	\$1,361,179	\$12,449	\$81,144
3. Sub basin SE 4-1 [08-958]	91%	\$1,037,796	\$943,469	\$1,067	\$93,260
4. Stormwater - Drain Headwall [08-969]	63%	\$158,148	\$100,153	---	\$57,995
5. Stormwater Master Plan Update [11-187]	100%	\$1,277,760	\$1,275,341	\$920	\$1,499
6. Stormwater - Tideflex Valves [14-235]	98%	\$195,999	\$18,714	\$172,594	\$4,691
7. Stormwater - Pompano Park Place & Andrews Avenue [14-245]	26%	\$403,669	\$95,915	\$8,825	\$298,929
8. Stormwater - Avondale Neighborhood [14-248]	10%	\$2,933,099	\$234,153	\$56,442	\$2,642,504
9. Stormwater - Lyons Park Neighborhood [14-251]	99%	\$418,629	\$373,877	\$40,013	\$4,739
10. Stormwater - Esquire Lake Neighborhood [14-252]	99%	\$344,709	\$265,475	\$74,834	\$4,400
11. Stormwater - Land Acquisition Commerce Park [15-262]	7%	\$750,000	\$49,810	---	\$700,190
12. Stormwater - Kendall Lake Neighborhood [16-291]	0%	\$412,690	\$63	---	\$412,627
13. Stormwater - Gateway Drive [16-292]	0%	\$533,633	\$61	---	\$533,572
Totals		\$12,646,764	\$7,440,282	\$367,144	\$4,839,338

Existing Stormwater Utility Capital Projects

1. Storm Sewer Pipe Rehabilitation [02-831]

Various stormwater rehabilitation projects.

To evaluate and locate potential areas of concern which would require stormwater pipes to be lined

Status as of March 16, 2016: Construction

Lined 5 pipes in October that were in bad shape

2. Sub basin NC 2-1 [07-936]

Sub basin NC 2-1 is the area bounded by North Cypress Road, NW 21st Street and NW 1st Ave. Broward County is desirous of replacing waterlines in the same area.

The inter-local agreement between the County and City was approved at the January 25th commission meeting. This will allow the County to have the waterline improvements designed. Construction is anticipated in the summer of 2012. The County has contracted to have the waterline improvements designed. Permits have been received and the bid package was submitted to purchasing on July 30th 2012.

Bids were opened September 12th, 2012.

The bids were approved by the City Commission on October 23rd 2012.

Status as of March 16, 2016: Complete

A letter was sent to 205 residents and property owners in the project area informing them of the project and inviting them to an open house the evening of November 28th at the Pat Larkin's Center. The project manager, construction company and design engineer were available to answer any question however no citizens attended.

Construction will began on January 3rd 2013.

Construction is complete, two months ahead of schedule.

3. Sub basin SE 4-1 [08-958]

New Exfiltration Trenches on SE 14th and 15th Streets east of Federal Hwy

Advertising for Bid January 31st 2011 to March 3, 2011.

Construction began June 20, 2011.

Complete March 2012.

Status as of March 16, 2016: Complete

Construction is complete.

4. Stormwater - Drain Headwall [08-969]

Repairing storm drainage headwalls, including the addition of one way valves.

10/1/10 2238 Cypress Bend Drive North Stormwater Headwall completed

NW 18 Avenue and NW 21 Street Headwall completed. Point repair for the Esquire Lake overflow in front of Pinnacle village has been completed

12/10/10 Replaced storm drain outfall at 1210 SE 3rd Street

Status as of March 16, 2016: Construction

Ordered a 10" tideflex valve and completed installation. Pinnacle village point pipe repair has been awarded to Johnson-Davis Inc. The point repair has been completed.

5. Stormwater Master Plan Update [11-187]

The latest comprehensive drainage study and model was completed in 1999. Stormwater modeling techniques have improved drastically since then allowing for better predictions of flooding and water quality analysis. This study will be a tool to plan a new stormwater capital improvements plan.

The consultant completed the Technical Data Support Notebook and the City provided comments. As-built survey of the City's stormwater structures is complete.

The plan was accepted by the City Commission in July of 2013. In September the financing plan with rate changes was approved by the City Commission.

The facility plan was approved by the Florida Department of Environmental Protection to be approved so the City may obtain State Revolving Fund Loans.

Request for proposal scope and evaluation criteria were given to the purchasing department in late October 2010. Proposals were received February 3, 2011. Eleven firms submitted RLLs, Chen, Moore & Associates scored the highest. At the commission meeting on March 8th 2011, the City Commission approved the ranking and staff negotiated with Chen Moore for a final scope of work and contract fee. The contract was approved at the June 28, 2011 commission meeting. "Authorization to Proceed" was given on July 5, 2011.

Master plan adopted June 2013.

Status as of March 16, 2016: Complete

The final update to the GIS database have been received and incorporated into the GIS.

6. Stormwater - Tideflex Valves [14-235]

This project is to install check valves on tidal outfalls. The valve will prevent backflow of tide onto streets during extreme high tides, when tidal waters are higher than the roadway.

To install tideflex valves on all the outfalls where the streets and neighborhoods are affected by high tides.

Status as of March 16, 2016: Construction

No bids were received on previous offering of this Job. It was reposted for bids.. Closing has been extended until August 4th. Bids were received from four responsive contractors D P Development (288), Foster Marine(223), SOLO Construction (191), and Shenandoah Construction (155) along with their respective scores. The recommendation for award was approved at the September 10, 2014 Commission meeting.

Utilities and Engineering met with D P Development and waiting for a final scope of work. Through emails I have been in contact with D P Development and as of 12/31/2014 we are still waiting on them for the final scope of work. Met with D P in the beginning of January about the final design. We are working on getting a final quote. This is was passed at commission on 5/26. We are currently moving forward on setting up a pre-construction meeting. A pre-construction has been setup with on DP Development for 7/27/15. A notice to proceed has been completed by both sides to start the work. Tideflex valves have been ordered and delivered. A permit within the City has been obtained. Waiting on the Army Core of Engineer permit to begin construction. DP Development starting installing the valves. The current projected completion date is mid April.

7. Stormwater - Pompano Park Place & Andrews Avenue [14-245]

This area is located on the west side of the I-95, east of Andrews Avenue and south of Pompano Park Place. This study area mainly consists of industrial and commercial properties with high amounts of impervious ground surface. The majority of these commercial properties have their own on-site drainage system or along the private roadways. Some properties located at the center of the study area discharge to two large lakes at SW 6th Street and Andrews Avenue which overflow through a control structure into the Andrews Avenue stormwater system.

This project will alleviate the heavy flooding in the area.

This project was approved at the October 22nd 2013 commission meeting.

Status as of March 16, 2016: Complete

The preliminary design report and recommendations was shared with the City Manager. This project is on hold

8. Stormwater - Avondale Neighborhood [14-248]

The Avondale Neighborhood was identified as a priority drainage basin in need of stormwater system improvements based on historical flooding problems observed by City staff, flooding complaints from residents or business operators, and the results from the existing conditions stormwater model. The Avondale Neighborhood is bound by I-95 to the west, SW 3rd Street to the south, Dixie Highway to the east and Atlantic Boulevard to the north. The Avondale Neighborhood typically experiences significant flooding throughout the area during heavy rainfall events. Based on the results of the existing conditions stormwater model along with the observations by City staff, the problem area is centered on SW 4th Avenue along with the adjacent intersecting roadways, which is where most of the critical flooding occurs.

The project will help alleviate most of the flooding conditions.

Status as of March 16, 2016: Design/Study

The Stormwater Management permit from Broward County was received March 18th.

Staff has applied for a 319 Grant from the Florida Department of Environmental Protection for 60% of the project costs.

Staff will apply for a Florida Department of Environmental Protection State Revolving Fund Loan to finance the construction of this project in April.

The current estimated cost of construction is \$3.3 million.

9. Stormwater - Lyons Park Neighborhood [14-251]

The Lyons Park Neighborhood is located west of South Cypress Road, north of McNab Road, east of South Flagler Avenue and south of SW 8th Street. This area is residential with chiefly single family homes, which is served by an existing stormwater collection system. The system is inadequate since it was built many years ago when the standards were not as stringent for new construction.

Project Created- April 8, 2014

Status as of March 16, 2016: Design/Study

Final design is underway. A neighborhood meeting was held on March 30th. 20 households came .

10. Stormwater - Esquire Lake Neighborhood [14-252]

The project area for the Esquire Lake Neighborhood is located on the west side of the Powerline Road, south of Martin Luther King Boulevard. This residential neighborhood contains a lake towards the east side, which collects runoff from all local roadways through gravity stormwater pipes ranging from 12 inches to 36 inches. The lake has a weir type control structure that overflows to the system on Powerline Road.

System improvement alternatives investigated for this study area include pipe size upgrades and Exfiltration trenches.

Status as of March 16, 2016: Design/Study

Final design underway. Seventy five percent plans were received and reviewed.

Construction is estimated to cost \$3 million

11. Stormwater - Land Acquisition Commerce Park [15-262]

Purchase HBJ Holdings land near corner of NW 10 Avenue and MLK Boulevard in support of construction of future stormwater pond. This site will serve to promote the future development of a commerce park and provide necessary drainage capacity to support all future development in the Transit Oriented Corridor (TOC). Soon after closing on HBJ Holdings, secure adequate funding to acquire Belle Commerce Inc. (projected by 2016).

Complete acquisition by March 2015.

Status as of March 16, 2016: Complete

This assignment is complete.

12. Stormwater - Kendall Lake Neighborhood [16-291]

The Kendall Lake Neighborhood is a residential neighborhood bounded by NW 21st Street on the north, by NW 16th Street on the south, NW 5th Way on the west and NW 1st Avenue on the east. The study consists of single family developments, which are completely built out. The existing stormwater system is composed of two independent systems. The existing stormwater system in the northeast portion of the study area is a closed Exfiltration trench system in the low lying areas. The existing stormwater system in the western portion of the study area includes a drainage pipe network which discharges via three outfalls into Kendall Lake, which does not have an overflow connection and has been observed with a very high water level. The proposed improvements should focus on reducing stormwater runoff flowing into entering Kendall Lake.

Status as of March 16, 2016: Design/Study

A scope was negotiated. An agenda item was prepared. The item should be on the agenda for the first commission meeting in April.

13. Stormwater - Gateway Drive [16-292]

The Gateway Drive study area is a commercial and industrial neighborhood bounded by West McNab Road to the south, by Powerline Road to the east, by SW 36th Avenue to the west and by SFWMD C14 Canal to north. Due to the commercial nature of the study area, the public right-of-way areas have a high percentage of impervious ground coverage, which limits the infiltration of stormwater runoff into the ground surface. The public roadways within the study area have a limited existing stormwater system which discharges into a stormwater pond with an overflow connection to the SFWMD C-14 Canal. According to resident complaint information, the potential flooding areas are located in right-of-way areas without existing drainage facilities, which is along SW 29th Avenue, SW 28th Avenue, and SW 27th Avenue.

Status as of March 16, 2016: Design/Study

Staff met with Mathews engineering and discussed the scope of the project. Mathews is working on a scope of work.

Existing Pier Fund Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Pier Replacement [14-236]	64%	\$1,370,729	\$785,705	\$96,462	\$488,562
Totals		\$1,370,729	\$785,705	\$96,462	\$488,562

Existing Pier Fund Projects

1. Pier Replacement [14-236]

On April, 2013, an assessment of the Pier's structural defects was conducted by Lakdas/Yohalem Engineering, Inc. The purpose of this project is to move forward with the design phase to replace the Pier, as recommended by the Assessment. The City has retained Bridge Design, Inc., to assist with design services. The project entails replacing the existing +/-1,000 LF pier (18 feet wide) with a new one that complies with today's 75-year standards. The pier will likely be the same length, but plans are to widen it to 30 feet and add overhanging balconies. The extra width will permit pedestrians to freely walk along the pier without being entangled with fishermen. In addition, the design will replace the hexagonal ending with a "Pompano fish" ending. In addition, the design team is working on a number of iconic features including the possible installation of a 30'-40' tall viewing tower, aluminum railings, etc. The design will also address future ocean rise and the finish elevation will be consistent with requirements to offset storm surges from severe tropical storms and/or hurricanes.

Obtain US Corps permit by April 2016. Select construction manager at risk (CM) to assist with construction services by April 2016. Apply and Secure City's permits by July 2016. Finalize GMP by August 2016. Start construction October 2016. Complete construction by August 2017.

Status as of March 16, 2016: Construction

City received five (5) responses to the RFQ for Pier Reconstruction (CM @ Risk Services). Review team evaluated packages and requested formal presentations from the top three short-listed firms. Presentations were carried out on March 18. Staff prepared an agenda item recommending the #1 ranked firm (The Whiting-Turner Contracting Company). Staff received response from US Corps. A letter of approval is being sent to the City.

Existing Airpark Capital Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Airpark Pavement Maintenance [06-910]	94%	\$458,401	\$408,401	\$24,052	\$25,948
2. Airpark Security Enhancement [13-237]	89%	\$255,663	\$226,571	---	\$29,092
3. Airpark Business Plan [14-246]	100%	\$65,100	\$65,100	---	---
4. Taxiway Delta and Taxiway Sierra and Tango connectors [14-247]	100%	\$296,207	\$263,907	\$32,300	---
Totals		\$1,075,371	\$963,979	\$56,352	\$55,040

Existing Airpark Capital Projects

1. Airpark Pavement Maintenance [06-910]

This project funds the repairs and maintenance of airside pavements including crack sealing, rejuvenation and miscellaneous structural repairs.

Status as of March 16, 2016: Ongoing

Ongoing maintenance of pavement.

2. Airpark Security Enhancement [13-237]

The Airpark security enhancements consists of installing 10 CCTV Cameras, new high mast light poles, electric security gates, and new warning signs for the entrances.

Project complete.

Status as of March 16, 2016: Construction

Final Completion achieved.

3. Airpark Business Plan [14-246]

This project is to develop a business plan for the Airpark. This plan is critical to the long term financial health of the Airpark. With the City now in a position to receive federal grants, the first being taxiway kilo relocation, as well as Florida Department of Transportation (FDOT) funding, it is important that matching city funds are available when grant funding becomes available.

Status as of March 16, 2016: Complete

The plan was presented and accepted by the City Commission at the November 10th meeting.

4. Taxiway Delta and Taxiway Sierra and Tango connectors [14-247]

Taxiway Delta serves 15/33 and is currently located 400 ft. centerline to centerline. The Taxiway should be 35 ft. wide and located a minimum of 240 foot centerline to centerline from the Runway.

This project is recommended as part of the airport master plan and is necessary to be in compliance with FAA design safety standards for Category B Group II aircraft. The total estimated cost for design and construction for this taxiway is \$2,196,000.

The FAA/FDOT has recommended that this project be split into two separate fiscal years.

The FDOT has committed and will fund 80% of the design costs for this project at \$174,080. The total estimated cost for construction of this project is \$1,958,400.

The FAA/FDOT has recommended the funding breakdown for construction of this project to be as follows:

FAA General Aviation Entitlement Funds \$300,000

FAA General Aviation Discretionary Funds \$1,492,560

FDOT State Matching \$82,920

City Matching Share \$82,920

100% design complete

Status as of March 16, 2016: Design

Completion of 100% design documents. Consultant researching ways to get project funded through FAA/FDOT. We have letters of support from the tenants, tower, etc. Next step is to submit a written justification summary to FAA for support of funding.

Existing Golf Enterprise Capital Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Shelter at 11 Pines [14-228]	96%	\$48,298	\$20,554	\$25,820	\$1,924
2. Golf Course Lake Repair [15-295]	95%	\$628,776	\$314,398	\$282,302	\$32,076
Totals		\$677,074	\$334,952	\$308,122	\$34,000

Existing Golf Enterprise Capital Projects

1. Shelter at 11 Pines [14-228]

Construct a new 15x15 shelter with concrete foundation. Shelter will consist of 4 columns and a roof with a water fountain at hole 11 on the pines course.

Obtained permit, Commence construction.

Status as of March 16, 2016: Permitting

Construction is at 50% complete.

2. Golf Course Lake Repair [15-295]

The City of Pompano Beach has hired Landshore Enterprises LLC. to provide design and construction management services for golf course lake bank repairs at the Pompano Beach Municipal Golf Course.

12/2015 - Lake #2 bank stabilization completed.

1/2016 - Lake #7 bank stabilization commencement.

Status as of March 16, 2016: Design

Lake #10 stabilization EFT tubing complete. Dog Park Lake EFT tubing has begun on 3/21/15 with a projected finish date of 4/18/16. Bulkhead on Lake #7 to be installed during off-peak schedule per golf course supervisor's request. The anticipated date to begin bulkhead installation is 4/18/16. Construction of the bulkhead will take 4-5 weeks to complete. Both contractor and City staff monitoring all lake water levels as this could potentially delay Phase 2 improvements and overall construction completion. Record rainfall has caused lakes' levels to rise beyond the point where the contractor can work. The lake system does not have any type of channel system to relieve the lake levels.

Existing Community Redevelopment Agency Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. NW CRA Hunters Manor [10-109]	100%	\$35,504	\$35,504	---	---
2. Library - Cultural Center [11-139]	100%	\$2,431,983	\$2,234,719	\$197,264	---
3. NW CRA Environmental Remediation [11-140]	100%	\$286,596	\$286,596	---	---
4. Education Corridor [11-141]	100%	\$275,498	\$271,259	\$4,239	---
5. Downtown Pompano Streets [13-210]	99%	\$12,349,462	\$10,623,127	\$1,656,488	\$69,847
6. 731 MLK - Hammondville Road [13-211]	94%	\$1,123,008	\$1,051,273	---	\$71,735
7. Ali Building [13-212]	97%	\$2,587,998	\$2,503,630	\$7,158	\$77,210
8. 6th Ave Shops [13-214]	100%	\$70,086	\$56,102	\$13,984	---
9. Bailey Hotel [13-215]	100%	\$1,364,511	\$1,364,511	---	---
10. 370 North Flagler [13-217]	100%	\$25,130	\$25,130	---	---
11. Beach Library Rehab/ Relocation [13-219]	100%	\$2,079,401	\$2,079,401	---	---
12. Atlantic Boulevard Street Lighting [14-231]	100%	\$320,689	\$75,825	\$244,864	---
13. East CRA Additional Streetscape Harbor Village Signs [15-270]	65%	\$180,813	\$108,994	\$9,149	\$62,670
14. NW 737 MLK Blvd [15-293]	1%	\$60,000	\$470	---	\$59,530
15. CRA Waterfront Promenade [16-296]	0%	\$1,500,000	---	---	\$1,500,000
16. CRA Public Parking [16-297]	0%	\$2,000,000	---	---	\$2,000,000
Totals		\$26,690,679	\$20,716,541	\$2,133,146	\$3,840,992

Existing Community Redevelopment Agency Projects

1. NW CRA Hunters Manor [10-109]

This project entails the design and construction of single family homes. The CRA owns an 8-acre parcel bounded by NW 19 Avenue (east), NW 6 Street (south), and NW 7 Street (north). In addition, the CRA owns three additional parcels on the north NW 7 Street, just west of NW 19 Avenue. These parcels are being combined into one platted parcel to enable the construction of a new community with a jogging trail, park and potential playground facilities, adequate on and off street parking, and other amenities.

Updated schedule: complete City approvals by the end of 2015. Advertise to potential bidders by Spring 2015. Construct improvements by mid-2016.

Status as of March 16, 2016: Design

No new progress to report.

2. Library - Cultural Center [11-139]

The project consists of the design and construction of a new two-story 46,000 square foot Library and Cultural Center located at Atlantic Boulevard and SW 1st Avenue. The building is a two-story 25,000 square foot Broward County Public Library facility and a two-story 21,000 square foot City of Pompano Beach Cultural Center.

The Public Library component features children's services, new materials collection, computer lab, multi-purpose room, fiction collection, and library offices and support spaces.

The Cultural Center component features a public lobby, digital media suite, offices, gallery, and a flexible multi-purpose event space and accompanying support spaces, dressing rooms, and lobby space.

Complete steel erection.

Status as of March 16, 2016: Construction

Second floor steel fabrication complete. Second floor slab poured. Erection of steel columns on second floor, third and final phase. CONTINUE CONSTRUCTION EFFORTS.

3. NW CRA Environmental Remediation [11-140]

Environmental Remediation in the Northwest CRA area.

Status as of March 16, 2016: Cancelled

No new progress to report.

4. Education Corridor [11-141]

Design of MLK Boulevard segment from Florida Turnpike to Powerline Road. This project is a multi-city and multi-agencies effort including Coral Springs, Margate, Coconut Creek, Broward County Transit and Florida Department of Transportation. This is an attempt to create a connectivity between education facilities located in Coral Springs (Broward College, corner of Sample Road and University Drive), passing by State Road 7/US 441 into Margate, heading east on Coconut Creek Parkway through Coconut Creek High School, Beauty School, Atlantic Technical School, Broward College (Coconut Creek Parkway and Florida Turnpike), and continue its way east along MLK Boulevard connecting Blanche Ely High School, and extending eastward along Atlantic Boulevard to Everest University and the beach. The design will concentrate on the first segment and pave the way to phase II of this project (design of MLK Boulevard from Powerline Road to I-95). This project will be designed to adopt identical parameters as those implemented in Coconut Creek and will serve as a catalyst to seek out Federal and County grants for future construction.

Complete LAP certification by May 2013. Design review and approval by September 2013. Begin design of traffic signal October 1, 2013. Complete design of signal by March 2014. Complete agreements with FDOT by June 2014. Begin construction of traffic signal by July 2014 and complete installation by December 2014. Advertise for all LAP construction elements by January 2015. Begin signal testing December 2014 until March 2015. Award LAP contract by April 2015. Begin construction by June 2015 and complete work by March 2016.

Status as of March 16, 2016: Complete

See Project Number 12-176.

5. Downtown Pompano Streets [13-210]

This project involves improvements to Martin Luther King Boulevard from Dixie Highway to NW 6 Avenue/Blanche Ely Avenue. This project is part of a larger endeavor known as "Downtown Pompano" to improve existing pedestrian connectivity to Old Pompano and the Civic Center/Library Campus facilities. The intent is to maximize the existing right-of-way implementing wider sidewalks, lush landscaping features, pedestrian friendly light fixtures and beautifying the corridor to enhance the atmosphere and create a "Main Street" like environment. This project is being coordinated in conjunction with the CRA's overall incentives program including facades and interior renovations. Design is complete. This project replaces Project Nos. 10-104 and 10-105 and combines funding for MLK Boulevard Phases 1 and 2 and Old Pompano Streetscape Improvements into one project.

Award construction contract July, 2013. Begin construction by August, 2013, and complete construction by June, 2014. Project delayed due to additional utilities improvements.

Updated schedule: construction to be completed by the end of 2014 on MLK Boulevard, and early 2015 in Old Pompano.

Status as of March 16, 2016: Construction

Streetscape work is complete.

Downtown Plaza

Mountain, paver brick, and trellis construction is underwa.

Downtown Parking Lot

BCI received permit Construction began

6. 731 MLK - Hammondville Road [13-211]

Resurface existing parking lot adjacent to Community Redevelopment Agency property.

Under construction. Updated schedule: Completion is anticipated by the end of October 2014.

Status as of March 16, 2016: Complete

Grand opening event took place on May 21. Project is complete.

7. Ali Building [13-212]

This project entails site development improvements to a CRA-owned parcel, a site with great historical value to the community. The proposed site improvements will support building upgrades, construction of a courtyard and parking facilities, etc. Once completed, the project will result in a modernized venue for community events and concerts, the home of historically-significant artifacts, and more.

Updated schedule: complete Phase 1 construction (renovation of exiting Ali Building) by the end of September 2014. Begin construction of Phase 2 (courtyard and shell of a 2,000 Sq. Ft. commercial building) by mid-August with completion by early January 2015. Build-out of commercial building is funded, but no interior plans have been prepared.

Status as of March 16, 2016: Complete

Project is complete.

8. 6th Ave Shops [13-214]

This CRA-owned site, located at the corner of MLK Boulevard and NW 6 Avenue, was platted in 2012 to allow future commercial development. The site occupies 3.2 gross acres and it is primed for a mixed-use development (retail, office, and residential).

Awarded to Landmark Development. Complete final negotiations and development contract by October 2013. Tax credits in place by March 2014. Develop site by December 2016.

Status update: Project is temporarily on hold.

Status as of March 16, 2016: Design

Designer continues to work on package for official DRC review. Team met with Utilities and Engineering to resolve conflicts, again. Team also secured a proposal to construct off-site improvements within budget.

9. Bailey Hotel [13-215]

This site, which was the original location of the hotel back in the early 1900s, is the subject of a CRA restoration plan to bring back to life the building. The design includes restoring the exterior façade to look the same as in times of yore and to complete interior improvements to accommodate a future art district facility. Artists will be able to lease space and the CRA and City will showcase their work.

Project is done.

Status as of March 16, 2016: Complete

Project is complete.

10. 370 North Flagler [13-217]

This site is planned as a future overflow parking facility to support growth in Old Pompano. The project will include design and construction of 26 new parking spaces onsite and as many as 7 more off-site. Design considerations will include tandem valet parking opportunities, shared access with Pompano Supermarket, and connectivity to the north in support of future development.

Subject to funding, complete design by April 2015. Complete construction by July 2015.

Status as of March 16, 2016: Design

Staff to hold NTP due to funding.

11. Beach Library Rehab/Relocation [13-219]

Relocation of existing 3,000 sq. ft. Beach Library facility. The building, which is presently located within the Pier Parking Lot (Pompano Beach Boulevard just north of NE 2 Street, west side of the road), must be demolished on/or before June 2014. As a result, the CRA is assisting with relocating the building on to a new site within the barrier island. Once a suitable site has been identified and selected, Staff will begin coordination with Broward County. The proposed site will be expanded to include a 1,000 sq. ft. meeting room. A conceptual design was completed and it includes outdoor seating and aesthetically pleasing elements.

Complete building and site work construction by October 31.

Receive and install FFE by mid-November.

Execute lease agreement with Broward County by the end of November.

Complete move by late December. Open for business first week of January 2015.

Begin design by June 2013.

Start construction by December 2013.

Complete construction of new facility by March 2014.

Finished Floor Elevation by Broward County from March 2014 through June 2014.

Demolish existing building prior to June 2014.

Building occupancy/Grand Opening by July 1, 2014.

Updated schedule: complete site work by mid-September 2014. Begin occupancy by October 1, 2014 and complete library relocation by October 31, 2014. This schedule is subject to executing a lease agreement with Broward County.

Status as of March 16, 2016: Cancelled

Project is complete.

12. Atlantic Boulevard Street Lighting [14-231]

The purpose of this project is to replace existing concrete-based light poles and Cobra head light fixtures with decorative lights from Federal Highway to A1A. PW and CRA Staff are considering installation of LED lights to replace the Cobra heads for energy efficiency.

Updated schedule: Due to FDOT review delays, complete design and construction documents by December 2015.

Complete construction by August 2016.

Status as of March 16, 2016: Design

Contractor received poles. Waiting for fixtures and pole bases. Fixtures delivery is complete. Per Staff's request, start of construction to occur in late April, early May.

13. East CRA Additional Streetscape Harbor Village Signs [15-270]

Streetscape improvements to be implemented in target area near Harbor Village or near the pier lot. Target activities include installation of new monument and gate signs in Harbor Village and electric car charging stations.

Complete design of monument and gate signs by October 31, 2014. Award contract for construction by December 2014. Install monument and gate signs by March 2015. Identify electric car charging stations model and style by December 31, 2014. Order car charging stations by February 28, 2015. Install two (2) or more stations by May 2015.

Status as of March 16, 2016: Complete

Monument/gate sign installation is complete. Staff processed final payments. Project was completed on time and on budget.

14. NW 737 MLK Blvd [15-293]

Rehabilitation and demolition of interior of existing building including replacement of windows (hurricane impact), new doors, new roof, HVAC, and electric panels/components.

Permitting August 2015

Construction completion March 2016

Status as of March 16, 2016: Not Initiated

CRA entertaining offers to occupy and/or build-to-suit. No new progress to report.

15. CRA Waterfront Promenade [16-296]

Construction of a public pedestrian walkway along the Intracoastal under the Atlantic Blvd Bridge to advertise Pompano Beach's waterfront assets.

Status as of March 16, 2016: Design

Project newly created in support of CRA's redevelopment plan in the East CRA.

16. CRA Public Parking [16-297]

Upgrades to existing lots and acquisition of new parcels for the purpose of creating additional public parking opportunities in the East CRA District.

Status as of March 16, 2016: Design

Project newly created to assist with public parking facilities and support merchants.

Existing Community Improvement Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Refurbish Park Amenities [02-821]	100%	\$66,336	\$66,336	---	---
2. Major Bridge Repair/Rehab [05-901]	100%	\$838,249	\$838,249	---	---
3. Replace Lost Trees [06-919]	100%	\$149,460	\$149,460	---	---
4. Public Safety Bldg. Improvement Overall Project [07-930]	100%	\$45,295	\$45,295	---	---
5. Seawall Maintenance [07-946]	100%	\$14,335	\$14,335	---	---
6. Rebuild Fire Station 11 [08-951]	100%	\$66,927	\$66,927	---	---
7. Court Resurfacing [09-985]	100%	\$118,419	\$118,419	---	---
8. City Parking Lot Improvements/ ADA [10-123]	100%	\$16,105	\$16,105	---	---
9. A1A Underground Electric [11-142]	100%	\$295,917	\$295,917	---	---
10. Cresthaven Fire Station #103 [11- 162]	100%	\$228,377	\$228,377	---	---
11. Traffic Calming Improvements [11- 189]	100%	\$41,500	\$41,500	---	---
12. Charlotte J. Burrie Community Center [11-192]	100%	\$1,168,824	\$1,168,824	---	---
13. Parks Security System [12-169]	100%	\$56,000	\$56,000	---	---
14. North Pompano Park Center Renovation [12-171]	100%	\$24,740	\$24,740	---	---
15. Tennis Center Court Resurfacing [12- 172]	100%	\$9,990	\$9,990	---	---
16. Skolnick Center Parking [13-201]	100%	\$36,815	\$36,815	---	---
Totals		\$3,177,289	\$3,177,289	---	---

Existing Community Improvement Projects

1. Refurbish Park Amenities [02-821]

This project involves the replacement of worn out park amenities at all City parks. Park amenities include playground equipment, shade structures, benches, trash receptacles, lighting, fences, grills, etc. The replacement of these facilities will be performed by in-house staff. Funding is recommended to be increased by \$50,000 per year to enhance the replacement of playground equipment.

Status as of March 16, 2016: Ongoing

At March 22nd meeting, City Commission approved purchase/installation of two playground modules at Harbor's Edge Park. Total cost \$72K.

2. Major Bridge Repair/Rehab [05-901]

This project provides for rehabilitation or replacement of various City-owned bridges. Major repairs and maintenance are vital to ensure the structural integrity of bridges.

Future projects are determined by the Florida Department of Transportation Yearly Bridge Inspection Report. Two bridges will need attention in the near future: McNab Road Bridge and SE 5th Avenue Bridge. Funding is necessary to offset anticipated costs to replace these bridges. Two bridges will need attention in the near future: McNab Road Bridge and SE 5th Avenue Bridge. Funding is necessary to offset anticipated costs to replace these bridges.

Status as of March 16, 2016: Overall CIP

See sub project reports.

3. Replace Lost Trees [06-919]

This annually funded project is administered by the Public Works Department with the purpose of replacing damaged or diseased trees or enhancing City-owned properties.

Status as of March 16, 2016: Complete

Corrected CRA Project Deficiencies on NW 6th Ave Landscaping (re-planted trees and replaced dead trees)

4. Public Safety Bldg. Improvement Overall Project [07-930]

This project consists of a new roof, new fire alarm system, compliance with American Disability Act, HVAC repairs, repairs as well as repair of exterior wall finishes.

See individual projects.

Status as of March 16, 2016: Complete

See sub reports

5. Seawall Maintenance [07-946]

The City is responsible for the maintenance of seawalls along City-owned property; there is approximately 2,000 linear feet of seawall along various canals and waterways. In 2007, PBS & J produced a report that assessed and ranked all the City's seawalls. Maintenance can include rebuilding portions, grouting leaks and total reconstruction.

Status as of March 16, 2016: Ongoing

See individual projects for updates:

6. Rebuild Fire Station 11 [08-951]

New Fire Station, 109 N Ocean Blvd.

The new replacement Fire Station 11 consists of construction of a new 13,200 square foot two-story CBS three-bay fire station over and existing City public parking lot to be removed and prepped for new construction. The new beachside facility, currently under construction, is located along State Road A1A just north of Atlantic Avenue. The building will have a stucco finish, impact windows and doors, and a standing-seam metal roof over metal trusses. In addition, a full building back-up generator system is proposed to cover the entire building in the event of a power outage. The design provides for low flow plumbing, a solar heating system for hot water use, natural Xeriscape landscaping and irrigation principles, and efficient electrical and mechanical systems. When completed, the building will receive LEED Certification.

TCO issued in June, 2015.

Final CO is scheduled for the end of August, 2015

Fire Station Dedication/Opening is scheduled for September 2, 2015

Status as of March 16, 2016: Construction

Emergency generator start up and County acceptance occurred. It was uncovered that day tank fuel lines and contactors are required for emergency generator. Generator subcontractor asserts that these excluded items stem from contract with original contractor (JCon). Pricing is forthcoming and associated compensability is to be determined. Punch list is ongoing, but for the most part it has been completed. The County has issued a Surface Water Management System Inspection Report identifying deficiencies to be addressed. On 01/27, these above tasks were assigned to Public Works for resolution.

Mast arm updated design and permitting is in progress. Meeting with Broward County scheduled for 4/5/16 regarding mast arms. Code changes may require mast arm design be resubmitted for Broward County/FDOT approval.

7. Court Resurfacing [09-985]

The City has an inventory of over 60 athletic courts which include tennis, basketball, handball, volleyball, shuffleboard and bocce ball. The City must continuously maintain these courts to ensure a safe and enjoyable play.

Evaluation of courts to prioritize which courts to resurface.

Status as of March 16, 2016: Ongoing

Determine courts to be resurfaced

8. City Parking Lot Improvements/ADA [10-123]

This project consists of improvements to parking lots at City Facilities, including resurfacing and other improvements to comply with the Americans with Disability Act (ADA). Currently, the McNair Civic Center parking lot that is not ADA compliant is at McNair Civic Center. This parking lot revision is under design and will be completed in FY16. In addition, this project will fund other non-ADA compliant non-parking facilities.

obtain permits, commence construction

Status as of March 16, 2016: Ongoing

Submitted McNair ADA Compliance front-end documents to City Clerk/Administration for signatures and approval.

McNair restrooms are under construction for renovation to meet ADA compliance.

Founders Park is in for permitting to install a handicap parking stall and sidewalk.

9. A1A Underground Electric [11-142]

This project involves converting the overhead electrical lines along SR A1A from Hillsboro Inlet to Terra Mar Drive, which will lessen the risk of power outages during storms and improve the aesthetics of the neighborhood. This project will be accomplished as a partnership with FPL, AT&T, and Comcast.

The contract for surveying was awarded to Keith and Associates at the November 23, 2010 City Commission meeting.

The contract for Utility Engineering to coordinate the overhead to underground work was entered into January 2013.

Status as of March 16, 2016: Design

Coordination with Burkhardt took place March 31, 2016. Burkhardt currently engaged in undergrounding design of the side streets between Terra Mar and SE 10th St. Keith and Associates performing additional survey work required.

10. Cresthaven Fire Station #103 [11-162]

This project is for the construction of a new fire station in the north section of the City. Fire and EMS services are currently being provided out of a converted community center located at 3721 NE 12th Avenue.

Status as of March 16, 2016: Construction

Received Certificate of Occupancy March 29, 2016 from Building Dept.

11. Traffic Calming Improvements [11-189]

This project provides funding for the installation of speed humps or other traffic calming measures on various City roadways on an as requested and warranted basis. The project addresses the need for traffic calming outside of the

Cresthaven neighborhood.

The Broward Sheriff's Office evaluates requests for devices and recommends the installation. Installation of speed humps is administered by the Public Works Department.

Status as of March 16, 2016: Ongoing

No new projects have been proposed by the Broward Sheriff's Office.

12. Charlotte J. Burrie Community Center [11-192]

This project consist of design and construction of a new 8,000- 10,000 square foot Community Center in the Cresthaven neighborhood. The City acquired a vacant site located on the west side of North Federal Highway, between NE 25th and NE 28th Streets.

Submit to pre-DRC.

Status as of March 16, 2016: Design

Project has been submitted and received approval from DRC, AAC, P&Z, and will be presented to Parks & Recreation on April 5, 2016. Design 95% complete.

13. Parks Security System [12-169]

Provide enhanced security in right of ways and parks throughout the City. Staff met with the Broward County Sheriffs office to scope the project. The City managers office conducted a feasibility study that was completed in the spring of 2013.

The resolution for the feasibility study was approved at the March 13th 2012 City Commission meeting agenda.

Status as of March 16, 2016: Complete

Installation is complete. The vendor and Sheriffs office are working on configuring the software and training the officers. All personnel will be trained by December 18th 2014

14. North Pompano Park Center Renovation [12-171]

After assessing the following vectors, it was agreed to modify the building program to be more efficient and responsive: 1) the needs of the community as represented by the Parks and Recreation Staff; 2) the existing facilities of the park; 3) the proposed construction budget; and 4) the preliminary findings of the Park Master Plan. Accordingly, an interior build-out of the existing community building with improvements to the existing parking lot will be undertaken. In July 2015, after award of work, structural engineers assessed unforeseen structural conditions. The A/E and the GC are collaborating on the assessment of the viability of building a new replacement building in lieu of rehabilitation of the existing outmoded building.

01/2015 - Design Build Awarded

04/2015 - Design Completed

05/2015 - Preliminary Budgets Established

05/2015 - Building Permit Review

06/2015 - Special Engineering inspection and Assessment of Existing Conditions (May generate structural revisions)

07/2015 - Evaluation of replacement building in lieu of rehabilitating existing building

11/2015 - Project Re-scoped for 3rd Time from replacement building to existing building interior modifications.

02/2016 - Renovation completed

Status as of March 16, 2016: Construction

Conducted third re-scoping meeting with Parks and Rec personnel and obtained estimate from GC for interior renovations of existing activity center building improvements. Design 90% complete, negotiation of fees to commence.

15. Tennis Center Court Resurfacing [12-172]

Change the remaining 8 tennis courts from above ground watering to below ground filtration system
substantial completion

Status as of March 16, 2016: Complete

Project complete.

16. Skolnick Center Parking [13-201]

The project involves the construction of additional parking spaces. This project addresses the crowded parking

situation caused by increased attendance for some of the center's activities.

Status as of March 16, 2016: Complete

Project complete

Existing Parking Fund 472 Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Divito's Parking Lot [14-264]	100%	\$79,503	\$41,742	\$37,761	---
2. Pier Parking Garage [15-271]	100%	\$713,509	\$713,509	---	---
Totals		\$793,012	\$755,251	\$37,761	---

Existing Parking Fund 472 Projects

1. Divito's Parking Lot [14-264]

Design and construction of approximately 20 parking spaces in vacant parcel leased by the City north of Harbor Village. Project includes drainage, landscaping, irrigation pavement and striping as necessary. The project is desirable to support CRA funded growth in the East CRA. Whereas the existing parking condition are limited to accommodate tenants and merchants, the site is intended to be used as overflow parking for employees during regular business hours and valet parking in the evening.

Complete design by December 2014. Complete construction by March 2015.

Status as of March 16, 2016: Construction

Solar powered lights have been installed and are operational.

2. Pier Parking Garage [15-271]

The City and CRA invested over \$10 million to revitalize and modernize Pompano Beach Boulevard between Atlantic Boulevard and N.E. 5th Street. Work included replacing and widening sidewalks, adding new pedestrian light fixtures, new on-street parking spaces, upgrading the existing playground and installation of exercise equipment, upgrading the landscape and creating inviting gathering areas for private and public events. The improvements completed in April 2013, have resulted in parking demands that far exceeded everyone's expectations; the beach area has quickly become a great attraction to locals and tourists alike. The need for a parking garage comes as a result of the popularity of the beachfront improvements and the future development of the Pier site.

In 2011 the City selected a partner to develop the site known as the "Pier Parking Lot." This 4.2-acre parcel will be converted into a destination with new restaurants, retail shops, and a potential hotel establishment. To that effect, the City intends to construct a parking garage to be able to provide adequate parking facilities in the area. The site of the proposed garage is located at the southeast intersection of A1A and N.E. 3rd Street in Pompano Beach. This project also includes the construction of Pier Street, a new roadway connecting A1A and Pompano Beach Boulevard; in addition, this project will fund the design and construction of Sea breezeway (alley), a driveway/street connecting NE 2 and NE 3 Street.

Updated: Complete design by April 2015. Begin construction early summer 2015. Complete construction by May 2016.

Status as of March 16, 2016: Construction

During the month of March contractor mobilized the landscaper to the jobsite. Landscaper started the installation of the Silva Cell on the N side of the building, turned south and proceeded installation all the way down Seabreeze Way until NE 2nd Ave. To date, only the 2 Silva Cell areas bordering 2nd Ave. remain unfinished. Metromont continued patching and punch work as well as placing the concrete for the floors of the roof planters. The mason also continued installation on the W electric room wall, the west crash wall, the west louver wall masonry, the west display area wall, the elevator machine room, the domestic water pump room, and the bathroom separation walls. The concrete subcontractor prepped and poured the entire SOG from the West Side of the garage to the East side and from the N side of the S Liner building through the North side of the garage. The only SOG that remains is the S liner building, entrances, and elevator lobby. The concrete sub also poured the planter walls located on the roof. The steel subcontractor continued and finished the entire structural steel scope. The civil subcontractor completed the storm work on A1A as well as the sidewalk. The repair of this road will take place upon asphaltting of the interior roads. The fine grading of the building was also completed. The backflow preventer was installed for the fire line and the fire line site work was brought into the building. The change order work for the sanitary line on S Seabreeze is also ongoing. The Electrical subcontractor completed the FPL primary duct which was surveyed and submitted to FPL. The city commission is expected to approve an easement to FPL. Electrical rough also continued in the building. 90% of the electrical and FACP back boxes have been installed in the electrical room. Fire alarm work also continued and is about 90% done to date. The generator arrived onsite and was put into place. The metal fabrications subcontractor started and completed the handrails on the NW stair. They also began installation of the eyebrow at the S liner building as well as delivered the louvers for the West louver wall. The roofer mobilized to site as well and completed the roof on the N liner building including the coping cap. Lotspeich completed the stucco on the N liner building wall, completed the framing at the west display parapet, and completed the framing and sheathing of the S liner building parapet. They also prepped the S liner building parapet for stucco. Additionally, many of the "infill" walls inside the garage extending from the top of the masonry to the bottom of the deck were completed. Work on the fire sprinkler pipe completed on floors 1-4 except for the risers. After the SOG was poured, work started and continues on the first floor. The delivery of the sail material took place during the month of March and erection began on the East elevation. Work also began on the rooftop canopies and 2 out of the 3 rows of steel canopies have been erected.

Fireproofing also began during March and was completed on the N liner building joists. The Storefront subcontractor mobilized to site and began work on the elevator curtain wall. By months end, approximately 60% of the aluminum for the curtain was installed. The HVAC subcontractor mobilized to site and installed the roof curbs and RTU's at the N liner building. The plumber completed installation of the grease traps and sanitary line on S Seabreeze Way. The drains for the rooftop planters were also installed.

Existing Parking Fund 473 Project Summary

* Balances as of
March 16, 2016

	<u>Percent Expended</u>	<u>Approved Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Balance</u>
1. Pier Parking Garage [15-271]	92%	\$21,565,536	\$11,547,706	\$8,274,236	\$1,743,594
Totals		\$21,565,536	\$11,547,706	\$8,274,236	\$1,743,594

Existing Parking Fund 473 Projects

1. Pier Parking Garage [15-271]

The City and CRA invested over \$10 million to revitalize and modernize Pompano Beach Boulevard between Atlantic Boulevard and N.E. 5th Street. Work included replacing and widening sidewalks, adding new pedestrian light fixtures, new on-street parking spaces, upgrading the existing playground and installation of exercise equipment, upgrading the landscape and creating inviting gathering areas for private and public events. The improvements completed in April 2013, have resulted in parking demands that far exceeded everyone's expectations; the beach area has quickly become a great attraction to locals and tourists alike. The need for a parking garage comes as a result of the popularity of the beachfront improvements and the future development of the Pier site.

In 2011 the City selected a partner to develop the site known as the "Pier Parking Lot." This 4.2-acre parcel will be converted into a destination with new restaurants, retail shops, and a potential hotel establishment. To that effect, the City intends to construct a parking garage to be able to provide adequate parking facilities in the area. The site of the proposed garage is located at the southeast intersection of A1A and N.E. 3rd Street in Pompano Beach. This project also includes the construction of Pier Street, a new roadway connecting A1A and Pompano Beach Boulevard; in addition, this project will fund the design and construction of Sea breezeway (alley), a driveway/street connecting NE 2 and NE 3 Street.

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Glossary of Terms

Americans with Disabilities Act (ADA):	Federal Law passed in 1990 which prohibits discrimination in employment or the provision of services and facilities on the basis of disability.
Appropriation:	The legal authorization given by the City Commission to make expenditures and incur obligations using City funds.
Bonds:	Obligations to pay back a specific amount of borrowed funds plus interest payments on specific dates.
Budgetary Fund Balance:	The amount available within a fund at the close of a fiscal period which can be carried over as revenue for the upcoming fiscal period.
Capital Budget:	The first year of the capital improvement plan includes capital project appropriations and the revenues required to support the projects.
Capital Improvement Plan:	All capital expenditures planned for the next five years. The plan specifies both proposed projects and the resources estimated to be available to fund project expenditures.
Capital Outlay:	Expenditures which result in the acquisition of or addition to fixed assets.
Comprehensive Plan:	Mandated by Florida Statutes. All local governments must develop and adopt a Comprehensive Plan to ensure adequate infrastructure to serve population growth and to protect the natural environment.
Debt Service:	Payments of principal and interest on obligations resulting from the issuance of bonds.
Enterprise Fund:	A fund which pays for the costs of its operations and capital improvements from user fees and does not generally receive property tax support. City Enterprise Funds include Water & Sewer, Solid Waste, Air Park, Golf and the Storm Water Utility.
Fiscal Year:	The period of time for which funds are appropriated and accounted for. The City fiscal year begins annually on October 1st and ends on September 30th of the next calendar year.
Fund:	Monies set aside and accounted for separately in order to ensure they are spent for a specific purpose.
General Capital Revenue:	The utility taxes, interest income and fund balance appropriated to support capital projects within the general capital projects fund capital budget. These projects normally include improvements to public safety facilities, parks, information systems, and general government facilities, none of which produce significant amounts of revenues.

Grants:	Contributions or gifts of cash or other assets from another government to be used or expended for specific purpose, activity or facility.
Impact Fees:	Funds collected from a developer to fund the improvements required to serve the residents or users of the development. The only impact fee the City currently collects is for parks.
Infrastructure:	The equipment, facilities and other capital improvements necessary to provide services.
Interest Earnings:	Revenues earned on invested cash.
Project Contingency:	Appropriation set aside for costs, which may arise as a result of conditions undetermined or not recognizable during the initial project scoping phases.
Reserves:	Accounts used to earmark funds to be expended for a specific purpose in the future.
Revenue:	The taxes, fees, charges, special assessments, grants and other funds collected and received by the City in order to support the services provided.
Transfers:	Transfers of cash or other resources between funds.
User Charges:	The payment of a fee for direct receipt of a public service by the person benefiting from the service.

City of Pompano Beach



Department of Development Services

100 West Atlantic Boulevard
Pompano Beach, Florida 33060