



City of Aventura

Capital Improvement Program

2016/17 – 2020/21



CAPITAL IMPROVEMENT PROGRAM

2016/17 – 2020/21



CITY OF AVENTURA

CITY COMMISSION

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Commissioner Enbar Cohen
Commissioner Teri Holzberg
Commissioner Denise Landman
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Eric M. Soroka

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Jeff Kittle, Arts & Cultural Center General Manager
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City of Aventura

Government Center
19200 West Country Club Drive
Aventura, Florida 33180

Office of the City Manager

June 2016

The Honorable Mayor and
Members of the City Commission
City of Aventura
Aventura, Florida 33180

Enclosed herein is the proposed City of Aventura (the "City") Capital Improvement Program (CIP) for the fiscal period October 1, 2016 through September 30, 2021 and the proposed Capital Budget for the Fiscal period October 1, 2016 through September 30, 2017.

The primary goal of the CIP is to develop a long-term plan of proposed capital expenditures, the means and methods of financing, and a schedule of priorities for implementation. It is important to stress that the CIP is a planning tool to evaluate infrastructure needs of the City as well as the financial capabilities of the City. In order to determine the impact of the CIP on the City's future operating budget, the City Commission and residents will be provided with the benefits of a CIP document which serves as a point of reference and includes an estimated long-term budget plan.

At this point in the City's history, the need for major capital improvement funding has decreased substantially due to a very ambitious schedule of completing major community facilities and infrastructure projects during the past twenty years since the incorporation of the City. This document represents an update of the CIP that was originally prepared for the five-year cycle of 2015 to 2020. The update process is important for the CIP to become a continuing and ongoing planning/implementation process. The last four years of last year's program were reevaluated in light of unanticipated needs, cost revisions, new project priorities and the financial condition of the City. In addition, the CIP was updated to add new projects in the fifth year (2020/21) to complete the cycle. Projects included within the framework of the program were based on input from Commissioners, staff, City consultants and citizens.

The following represents the significant revisions or modifications to the proposed CIP compared to the prior document:

1. Added in 2018/19 the renovation of the restrooms at Founders Park - \$155,000.
2. Added in 2020/21 replacing the playground and surfacing at Waterways Park - \$185,000.
3. Updated the cost and project scope in 2016/17 for the NE 183rd Street, NE 188th Street and NE 190th Street seawalls maintenance repairs and to guard against rising sea levels - \$1,280,000.
4. Added in 2020/21 resurfacing NE 190th Street, Yacht Club Way and the south portion of the Hospital District -\$653,000.
5. Added in 2016/17 Street Lighting for NE 30th Avenue north of NE 207th Street - \$200,000.

The proposed 2016 – 2021 CIP includes 32 projects in five (5) functional categories with a total value of \$15,417,855. The following represents the percentage of total funding that each functional category has been allocated: Beautification & Parks Facilities (3%), Transportation, Drainage and Infrastructure Improvements (42%), Capital Equipment Purchase and Replacement (24%), Information/Communication Technology (25%) and Public Buildings and Facilities Improvements (3%).

Major emphasis was placed on the following projects:

Stormwater Drainage Improvements	\$2,764,500
Road Resurfacing	2,304,000
Street Lighting Upgrades	1,400,000
Park Improvements	986,050
Air Conditioning Unit Replacements	407,000

As you are aware, earlier this year, the City Commission approved a contract for the preparation of a Comprehensive Stormwater Management Plan. This project is an update to our Stormwater Master Plan and studies the long-term impact of the rising sea levels on the City’s infrastructure. When the study is complete next year, it will also recommend solutions and capital projects to address improvements to our drainage system that will be included in future CIP documents. It should be noted that the City and Aventura Mall continue to work together to design a traffic flow improvement project to address congestion on Country Club Drive from motorists going east on the Lehman Causeway. This was not included in this document, as it is in the early stages of study and requires FDOT approval.

The document contains a detailed funding plan that forecasts revenues necessary to fund both the CIP and the operating budgets over the next five (5) years. The proposed funding plan is based on the assumption that operating expenditures can be maintained at certain percentage increases and revenues grow at specified levels. The plan is based on conservative estimates.

I am proud of the many accomplishments and the support the City Commission and residents have shown in the implementation of the capital projects since the incorporation of the City. Our beautification projects, park and open space additions, Government Center, Community Recreation Center, Charter School, Arts & Cultural Center, transportation improvements and many other community enhancements continue to exhibit our commitment to excellence and professionalism. This document serves many purposes. Importantly it serves as an aid to the residents in providing a better understanding of the City's long-term capital needs and how the City intends to meet these demands. It also details our continuing effort to address the needs and concerns of our citizens while making prudent financial decisions which contribute to the City's long-term financial health.

The preparation and formulation of this document could not have been accomplished without the dedicated efforts of all Department Directors and their staff. Their professional efforts have assisted in the preparation of this important planning program.

I request and recommend that you take the following actions regarding the proposed 2016 - 2021 Capital Improvement Program:

1. Review the CIP document at the June workshop meeting.
2. Hold a public hearing at the July Commission Meeting to conceptually adopt the final CIP document, by resolution, for implementation.

All questions relating to the CIP should be referred to my attention.

Respectfully submitted,


Eric M. Soroka
City Manager

CAPITAL IMPROVEMENT PROGRAM
2016 – 2021
HIGHLIGHTS

- Road maintenance projects that total \$2,764,000 to resurface asphalt and enhance safety are included for NE 27th Avenue, NE 28th Court, NE 30th Avenue, NE 209th Street, Yacht Club Drive, Mystic Point Drive, NE 187th Street, NE 185th Street, Aventura Boulevard, NE 34th Avenue, NE 28th Avenue, NE 190th Street, Yacht Club Way and south portion of the hospital district.
- Provides funding in the amount of \$1,400,000 to retrofit street lighting throughout the City with more energy efficient LED fixtures and \$200,000 for new street lights on NE 30th Avenue south of NE 207th Street.
- Provides for improvements to Founders Park, Veterans Park, and Waterways Park in the amount of \$816,500 to address maintenance requirements.
- Funds upgrades to seawalls along NE 183rd Street, NE 188th Street, NE 190th Street and adds 15 stormwater outfall check valves to guard against rising sea levels. A total of \$2,764,500 has been earmarked during the five-year period.
- Provides the necessary equipment to continue to provide high quality and effective police services.
- Continues the implementation of technology improvements and management information systems to enhance the productivity and efficiency of City operations.
- Ensures that the tools of production, vehicles, equipment and technology, are available for City operations.

CAPITAL IMPROVEMENT PROGRAM

2016 - 2021

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INTRODUCTION



INTRODUCTION

This section describes what a Capital Improvement Program (CIP) is and the process for developing the City of Aventura (the “City”) Capital Improvement Program and Capital Budget. This introduction also explains how to locate a specific project in this document.

PURPOSE OF THE CAPITAL IMPROVEMENT PROGRAM

The purpose of the CIP is to establish a long-term plan of proposed capital expenditures, the means and methods of financing, and a schedule of priorities for implementation. In order to determine the impact on the City's operating budget, debt service and the general trend of future expenditures, the City Commission will be provided with the advantage of a CIP document as a point of reference and estimated long-term budget plan. In accordance with the State's Growth Management Act, the City is required to undergo this process in order to meet the needs of its Comprehensive Plan.

The CIP is an official statement of public policy regarding long-range capital development within the City. A capital improvement is defined as a capital expenditure of \$5,000 or more, resulting in the acquisition, improvement or addition to fixed assets in the form of land, buildings or improvements, more or less permanent in character, and durable equipment with a life expectancy of more than one (1) year. In addition, equipment that has a value of \$5,000 or less is also included in this document for budgetary purposes.

The CIP lists proposed capital projects to be undertaken, the year in which they will be started, the amount expected to be expended in each year and the method of financing these projects. Based on the CIP, a department's capital outlay portion of the annual Operating Budget will be formulated for that particular year. The CIP document also communicates to the citizens, businesses and interested parties the City's capital priorities and plan for implementing projects.

The five-year CIP is updated annually to add new projects in the fifth year, to re-evaluate the program and project priorities in light of unanticipated needs, and to revise recommendations to take account of new requirements and new sources of funding. Capital Improvement programming thus becomes a continuing part of the City's budgeting and management procedures.

The annual capital programming process provides the following benefits:

1. The CIP is a tool for implementing the City's Comprehensive Plan.
2. The CIP process provides a mechanism for coordinating among projects with respect to function, location, and timing.

3. The yearly evaluation of project priorities ensures that the most crucial projects are developed first.
4. The CIP process facilitates long-range financial planning by matching estimated revenue against capital needs, establishing capital expenditures and identifying the need for municipal borrowing and indebtedness within a sound long-range fiscal framework.
5. The impact of capital projects on the City's operating budget can be projected.
6. The CIP serves as a source of information about the City's development and capital expenditures plan for the public, City operating departments and the City Commission.

LEGAL AUTHORITY

A capital programming process to support the comprehensive plan is required by the Local Government Comprehensive Planning and Land Development Regulations, incorporated as Chapter 163, Florida Statutes.

DEVELOPMENT OF THE CAPITAL IMPROVEMENT PROGRAM

The City's capital programming process began in January when operating departments were required to prepare requests for all proposed capital projects anticipated during the period of 2016 - 2021. A CIP Preparation Manual and related forms were distributed to all departments for this purpose.

In February, departmental prioritized project requests were submitted to the City Manager's Office. Department Directors were asked to justify projects in terms of benefits derived, necessity to health, safety and welfare of the City, enhancement to City plans and policies, need of residents and funding. Projects were prioritized on the basis of Urgency, Necessity, Desirability, and Deferability.

The City Manager reviewed departmental requests and conducted individual meetings with Department Directors. The departmental requests were prioritized and the five-year schedule of projects was compiled into document form by the City Manager. The methods of financing and revenue sources were then prepared by the Finance Director and City Manager and were incorporated into the CIP document. At this point, the proposed CIP is submitted to the City Commission and public for review.

In order to facilitate public involvement, public hearings and community meetings will be held to unveil and review the CIP document prior to the adoption of a Resolution approving the CIP in principle.

CAPITAL IMPROVEMENT PROGRAM POLICIES

1. Annually, the City will prepare a five-year capital improvement program analyzing all anticipated capital expenditures and identifying associated funding sources. Future capital expenditures necessitated by changes in population, changes in development, growth, redevelopment or changes in economic base will be calculated and included in the Capital update process.
2. The City will perform all capital improvements in accordance with an adopted CIP.
3. The classification of items as capital or operating will be determined by two criteria - cost and frequency. Generally, a capital project has a "useful life" of more than one (1) year and a value of \$5,000 or more. In addition, equipment that has a value of \$5,000 or less is also included in the document for budgetary purposes.
4. The City will coordinate development of the capital improvement budget with the development of the operating budget. Future operating costs associated with new capital improvements will be projected and included in the operating forecasts.
5. The first year of the five-year capital improvement program will be used as the basis for formal fiscal year appropriations during the annual budget process.
6. The City will maintain all of its assets at a level adequate to protect the City's capital investment and to minimize future maintenance and replacement costs.
7. The City will identify the estimated cost of capital projects and prepare a funding projection that considers revenues and operating costs to be included in the Capital Improvement Program document that is submitted to the City Commission for approval.
8. The City will determine the most appropriate financing method for all new projects.
9. If appropriate, the City will attempt to maintain a mixed policy of pay-as-you-go and borrowing against future revenues for financing capital projects.
10. The City will maintain ongoing maintenance schedules relating to road, sidewalk and drainage system improvements.
11. The City will address and prioritize infrastructure needs on the basis of protecting the health, safety and welfare of the community.
12. A CIP preparation calendar shall be established and adhered to.
13. Capital projects will conform to the City's Comprehensive Plan.
14. Long-term borrowing will not be used to fund current operations or normal maintenance.
15. The City will strive to maintain an unreserved General Fund Fund Balance at a level not less than 10% of the annual General Fund revenue.

16. If new project appropriation needs are identified at an interim period during the fiscal year, the funding sources will be identified and mid-year budget amendments will be utilized to provide formal budgetary authority. In addition budget amendments may be utilized to increase appropriations for specific capital projects.

PREPARING THE CAPITAL BUDGET

The most important year of the schedule of projects is the first year. It is called the Capital Budget and is adopted separately from the five-year program as part of the annual budget review process.

Based on the CIP, each department's capital outlay portion will be formulated for that particular year. Each year the CIP will be revised and another year will be added to complete the cycle. Capital Improvement Programming thus becomes a continuing part of the City's budget and management process.

The Capital Budget is distinct from the Operating Budget. The Capital Budget authorizes capital expenditures, while the Operating Budget authorizes the expenditure of funds for employee salaries, supplies and materials.

Through the City's amendment process, changes can be made to the adopted Capital Budget during the fiscal year. A request for amendment is generated by an operating department based on an urgent need for new capital project or for additional funding for a previously approved project. The request is reviewed by the Finance Director and City Manager and, if approved by the City Manager, a budget amendment is presented to the City Commission.

LOCATING A SPECIFIC CAPITAL PROJECT

The Capital Improvement Program is divided into five (5) program areas as follows:

- Beautification and Parks (BP)
- Transportation, Drainage and Infrastructure Improvements (TDI)
- Public Buildings and Facilities (PBF)
- Information/Communications Technology (ICT)
- Capital Equipment Purchases & Replacement (CE)

Each project in the Capital Improvement Program has a unique project number. This project number appears at the beginning of the individual project descriptions and the Summary by Year tables. The first digit refers to functional category priority number assigned by the City Manager. The final digits outline the individual department requesting the project. For example, project BP1-CS is Beautification and Parks project number one which was requested by the Community Services Department.

READING THE PROGRAM SCHEDULES

Detailed information about each capital project is presented in the section titled "Capital Improvement Program Project Descriptions and Funding Schedules." The section is arranged by program area and functional category and includes a description of each project and the funding schedules. Project timetables for each functional category are indicated in the Summary by Year tables.

The funding schedules are based on the funding needed to complete an individual project. A project's funding may continue for several years depending on the development timetable. Each program has a separate Funding Plan Table that outlines the revenue sources proposed to fund project expenditures.



OVERVIEW



OVERVIEW OF RECOMMENDED PROJECTS

SUMMARY OF RECOMMENDED PROJECTS

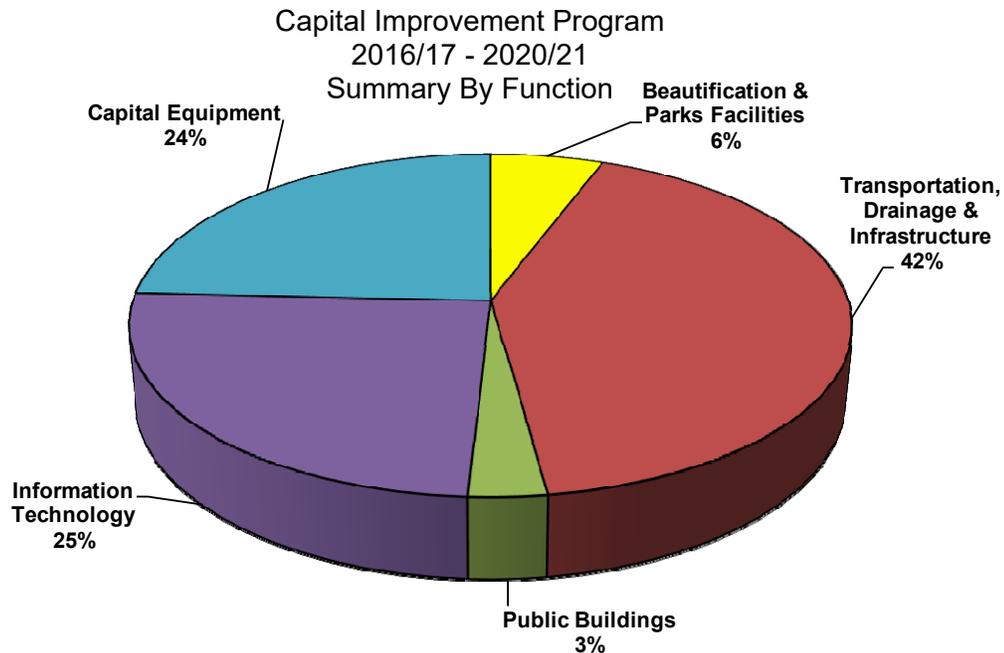
The proposed 2016 – 2021 CIP includes 32 projects in five (5) functional categories with a total value of \$15,417,855. The following represents the percentage of total funding that each functional category has been allocated: Beautification & Parks Facilities (3%), Transportation, Drainage and Infrastructure Improvements (42%), Capital Equipment Purchase and Replacement (24%), Information/Communication Technology (25%) and Public Buildings and Facilities Improvements (3%).

SUMMARY OF MAJOR PROGRAMS

The following table presents a summarized breakdown of the costs of the various projects recommended for funding categorized by major function for each of the five (5) years covered by the CIP.

Table 1

Program	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
Beautification & Parks Facilities	\$ 194,400	\$ 201,000	\$ 209,850	\$ 35,550	\$ 255,800	\$ 896,600
Transportation, Drainage & Infrastructure	2,307,500	1,151,000	1,106,000	1,001,000	903,000	6,468,500
Public Buildings & Facilities	30,000	83,000	130,500	181,500	50,000	475,000
Information/Communication Technology	684,175	689,875	766,675	786,375	906,375	3,833,475
Capital Equipment	805,150	795,100	687,230	804,400	652,400	3,744,280
Totals	\$ 4,021,225	\$ 2,919,975	\$ 2,900,255	\$ 2,808,825	\$ 2,767,575	\$ 15,417,855



SUMMARY OF PROPOSED APPROPRIATIONS BY FUNDING SOURCE

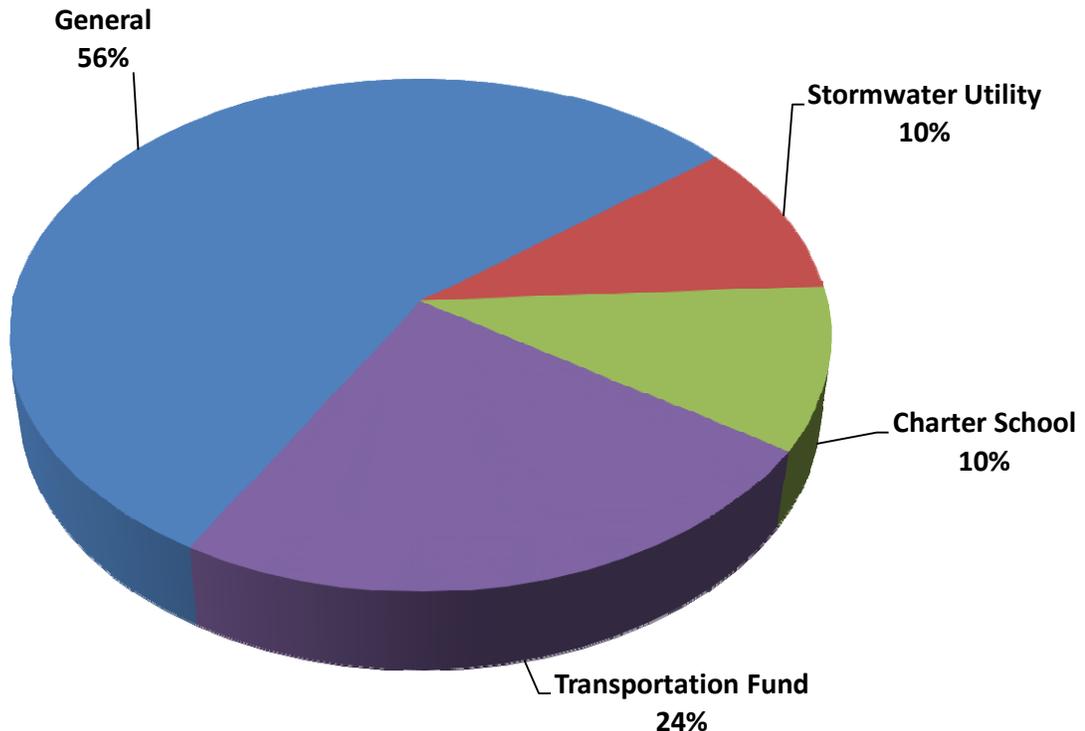
The following table reflects the distribution of all proposed projects to the funding source or mechanism, which is appropriate for funding the projects for each of the five (5) years of the program.

Table 2
Capital Improvement Program
2016/17 - 2020/21
Summary By funding Source

Funding Source	2016/17	2017/18	2018/19	2019/20	2020/21	TOTAL
General	\$ 2,701,225	\$ 1,516,475	\$ 1,444,755	\$ 1,450,325	\$ 1,532,075	\$ 8,644,855
Stormwater Utility	339,000	250,000	395,000	250,000	250,000	1,484,000
Charter School	293,000	252,500	349,500	357,500	332,500	1,585,000
Transportation Fund	688,000	901,000	711,000	751,000	653,000	3,704,000
	\$ 4,021,225	\$ 2,919,975	\$ 2,900,255	\$ 2,808,825	\$ 2,767,575	\$ 15,417,855

The proposed funding plan involves a commitment to “pay-as-you-go” annual appropriations established in yearly budgets and does not include additional long term debt.

Funding Source Summary



SUMMARY OF PROJECTS BY LOCATION AND YEAR

The following outlines the major projects by location and the year they are proposed to be funded:

Table 3
 Capital Improvement Program
 2016/17- 2020/21
 Summary By Location

Location	Resurfacing Street Lighting Drainage Improvements	Park Improvements
Founders Park		2016 to 2020
Waterways Park		2016 & 2020
Veterans Park		2017 to 2019
NE 30 th Avenue	2016/17	
NE 27 th Avenue	2016/17	
NE 28 th Court	2016/17	
NE 209 th Street	2016/17	
NE 183 rd Street Seawall Improvements	2016/17	
NE 18th Street Seawall Improvements	2016/17	
NE 190 th Street Seawall Improvements	2016/17	
Yacht Club Drive	2017/18	
Mystic Point Drive	2017/18	
NE 187 th Street	2018/19	
NE 185 th Street	2018/19	
Aventura Boulevard	2019/20	
NE 34 th Avenue	2019/20	
NE 28th Avenue	2019/20	
NE 190 th Street	2020/21	
Yacht Club Way	2020/21	
Hospital District	2020/21	



FUNDING PLAN



FUNDING PLAN

INTRODUCTION

In order for a CIP to be an effective management planning tool, the program must include not only a compilation of major capital needs and their costs but also a financing plan for the entire life of the program. This financing plan must include an analysis of the available resources which will be used to fund not only the CIP itself but the required operating expenses and debt service requirements of the City.

In order to ensure that the financing plan is complete in every respect, the plan formulation process must include:

1. A projection of revenues and resources which will be available to fund operating and capital expenditures during the life of the CIP.
2. A projection of future years' operating expenditure levels which will be required to provide ongoing services to City residents.
3. Once the CIP projects have been evaluated, a determination is made of the projects to be funded and the timing of the cash outflow for each project. The information is then tabulated to determine the amounts required to fund the CIP for each year.
4. From the information obtained in 1 through 3 above, the additional resources required to fund the CIP will be determined and a decision will be made on whether the program is to be financed by the issuance of debt, on a pay-as-you-go basis or some combination of the two (2).

The financing plan prepared in such a manner will be as accurate as possible and should be an informative document to all City residents. However, due to the uncertainty involved in projecting operating cost increases, the community's desire for service increases and the inflow of resources over a five-year period, the financing plan presented should be viewed as a theoretical framework to be adjusted each year based on the most recent information available at that time. This will be accomplished by updating the financing plan each year, adopting operating and capital budgets, and ordinances to implement fee structures which will be required to fund the program each year.

DEBT VS PAY-AS-YOU-GO FINANCING

Debt financing through the issuance of long term bonds is most appropriate when:

1. There are a small number of relatively large dollar value projects.
2. Larger projects cannot be broken into segments and the costs distributed over a longer time frame without impairing the usefulness of the project.

3. The projects are non-recurring.
4. Assets acquired have a relatively long useful life which equals or exceeds the life of the debt.

Through long-term bond financing, the costs of a project having a long useful life can be shared by future residents who will benefit from the projects.

In contrast, pay-as-you-go financing is most appropriate for a CIP which includes:

1. A large number of projects having a relatively small dollar value.
2. Projects which can be broken into phases with a portion completed each year without impairing the overall effectiveness of the project.
3. Projects which are of a recurring nature.
4. Projects where the assets acquired will have relatively short useful lives.

The primary advantage of pay-as-you-go financing is that the interest costs and costs of bringing a bond issue to market can be avoided. However, if inappropriately used, this financing plan may cause tax rates and fee structures to increase suddenly and may result in current residents paying a greater portion of projects which benefit future residents.

In summary, the choice of the appropriate financing plan will be contingent upon an analysis of the projects to be included in a CIP.

REQUIRED SEPARATION OF FUNDING SOURCES

In order to comply with accepted governmental accounting practices and to ensure compliance with City Codes and any related Bond Indentures, the analysis and financing plan contained herein will be presented within their respective funds. Projects funded on a pay-as-you-go basis will directly relate to the Capital Fund Budget from where the source of funding is derived. Each of these Budgets will appear in the Annual Operating and Capital Improvement Budget, which is adopted each year. Those funds are currently represented as follows:

1. General Fund
2. Transportation and Street Maintenance Fund
3. Charter School Fund
4. Capital Projects Fund
5. Stormwater Utility Fund

In accordance with accounting, legal and internal revenue requirements, all projects to be completed with the proceeds received from the sale of Bonds or loans will be accounted for in a Capital Construction Fund or Stormwater Utility Fund. In addition, capital outlay for the Charter School is included in a separate Budget adopted by the City Commission.

SUMMARY OF FINANCING PLAN MODEL

Detailed funding plans for individual funds of the City are enclosed herein in the following sections. The following represents an overview of the major points of the recommended funding plan:

1. Utilize “pay-as-you-go” financing through annual appropriations to fund the total five year amount of \$15,417,855. No additional debt is recommended.
2. Adjusts property tax revenues based on projected conservative growth in assessments.

PROPOSED FINANCING PLAN
GENERAL FUND

After evaluating the nature of the various projects that are included in the City's General CIP, it was decided that pay-as-you-go would be most appropriate for funding the program.

FINANCING PLAN TABLES

Based on this decision, the analysis which follows is aimed at developing a financing plan which will allow the City to fund General Government Services operating expenditures and all projects recommended for funding in the General CIP for each year of the program.

Table 1 presents a five-year projection of resources which will be available for General Government Services. Unless shown by an asterisk (*), the amount projected for each revenue is based on the tax rate or fee structure in effect during the 2015/16 fiscal year. Revenue descriptions followed by an asterisk (*) were computed based on a projected increase in the rate structure as discussed in the assumption of projections.

Table 2 presents a five-year projection of required operating expenses for General Government Services which utilize the cost data as outlined in the assumption of projections.

Table 3 is a recap of resources available to fund the General CIP based on projected revenues and expenditures and the proposed Capital Improvement Program appropriations for the five (5) years of the program. Please note that this analysis assumes that all available resources not needed to fund current operating expenditures will be transferred to the CIP Fund and that any balance in the CIP Fund will remain in the CIP. Through this process, the City will be able to accumulate a reserve which would be used to fund unexpected capital outlays or to fund future years' programs.

TABLE 1

PROJECTION OF RESOURCES AVAILABLE FOR GENERAL GOVERNMENT SERVICES

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
CURRENT YEAR REVENUES AVAILABLE FOR GENERAL GOVERNMENT SERVICES						
AD VALOREM TAXES	\$14,944,543	\$16,254,133	\$17,066,840	\$17,920,182	\$ 18,816,191	\$19,757,000 (a)
FPL FRANCHISE FEES	1,898,000	1,825,000	1,861,500	1,898,730	1,936,705	1,975,439 (b)
FRANCHISE FEES	519,000	560,100	576,903	594,210	612,036	630,397 (c)
UTILITY TAXES	7,838,000	7,732,000	7,963,960	8,202,879	8,448,965	8,702,434 (d)
SECTION 185 PREMIUM TAX	318,000	318,000	318,000	318,000	318,000	318,000
CITY BUSINESS LICENSES TAX	910,000	945,000	954,450	963,995	973,634	983,371 (e)
BUILDING RELATED REVENUE	2,068,000	2,336,000	1,600,000	1,300,000	1,300,000	1,000,000 (f)
STATE SHARED REVENUES-UNRESTRICTED	642,329	770,650	793,770	817,583	842,110	867,373 (g)
HALF CENT SALES TAX	2,725,000	2,825,000	2,923,875	3,026,211	3,132,128	3,241,752 (h)
CHARGES FOR SERVICES	2,153,000	2,193,000	2,269,755	2,349,196	2,431,418	2,516,518 (i)
FINES AND FORFEITURES	1,642,000	1,054,000	1,085,620	1,118,189	1,151,734	1,186,286 (j)
MISC. REVENUES	205,000	280,000	280,000	280,000	280,000	280,000
COUNTY BUSINESS TAX	49,000	49,000	49,000	49,000	49,000	49,000
TOTAL CURRENT YEAR REVENUES	\$35,911,872	\$37,141,883	\$37,743,672	\$38,838,173	\$40,291,922	\$41,507,571
TRANSFERS FROM E911 FUND	30,000	0	0	0	0	0
TOTAL AVAILABLE	\$ 35,941,872	\$ 37,141,883	\$ 37,743,672	\$ 38,838,173	\$ 40,291,922	\$ 41,507,571

NOTES TO ASSUMPTION OF PROJECTIONS

- (a) Ad Valorem Tax revenues are estimated to increase at 8.9% in 2016/17 and grow at the rate of 5% each year thereafter.
- (b) FPL Franchise Fees from the County will grow at the rate of 2% per year.
- (c) Franchise fees will grow at the rate of 3% per year.
- (d) Utility taxes will grow at the rate of 3% per year.
- (e) Business License Tax will grow at the rate of 1.0% per year.
- (f) Building related revenues will increase in 2016/17 and then decrease over the remaining 4 year period.
- (g) State shared revenues will grow at the rate of 3% per year.
- (h) Half-cent sales tax will grow at the rate 3.5% per year.
- (i) Charges for services will grow at the rate of 3.5% per year.
- (j) Fines & forfeitures will grow at the rate of 3% per year after 2016/17.

TABLE 2

PROJECTION OF OPERATING EXPENDITURES FOR GENERAL GOVERNMENT SERVICES

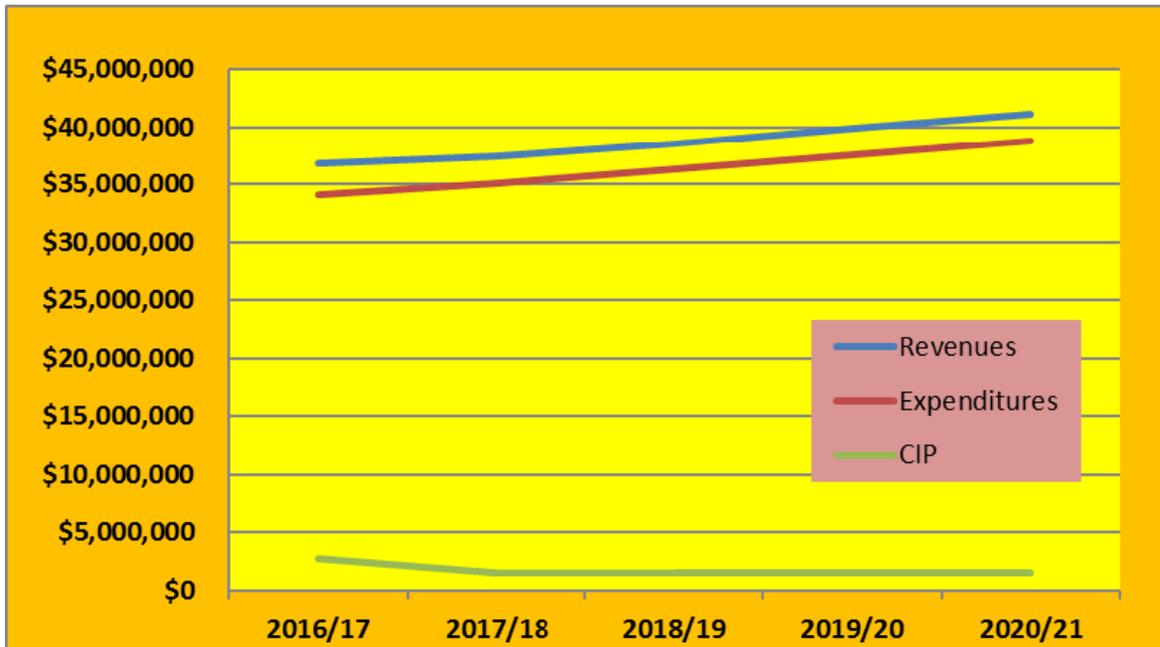
DEPARTMENT	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
City Commission	\$ 142,563	\$ 144,307	\$ 147,193	\$ 151,609	\$ 156,157	\$ 160,842
Office of the City Manager	821,742	729,895	759,091	789,454	821,033	853,874
Legal	280,000	305,000	305,000	305,000	305,000	305,000
City Clerk	287,685	319,568	335,546	372,324	398,386	446,273
Finance	1,003,892	1,024,635	1,075,867	1,129,660	1,186,143	1,245,450
Information Technology	1,013,438	1,084,598	1,133,405	1,190,075	1,249,579	1,312,058
Public Safety	18,068,337	18,560,073	19,302,476	20,074,575	20,877,558	21,712,660
Arts & Cultural Center	798,183	782,250	792,451	828,112	865,377	904,319
Community Development	2,401,633	2,571,182	2,398,317	2,395,267	2,417,125	2,414,639
Community Services	4,760,648	2,094,732	2,178,521	2,265,662	2,356,289	2,450,540
Public Works/Transportation	-	2,916,942	3,004,450	3,094,584	3,187,421	3,283,044
Non - Departmental	1,481,000	1,526,500	1,557,030	1,588,171	1,619,934	1,652,333
TOTAL PROJECTED OPERATING EXPENDITURES GENERAL GOVERNMENTAL SERVICES	\$ 31,059,121	\$ 32,059,682	\$ 32,989,348	\$ 34,184,492	\$ 35,440,002	\$ 36,741,032
TOTAL PROJECTED DEBT SERVICE REQUIREMENTS	2,208,590	2,207,863	2,220,979	2,220,979	2,220,979	2,220,979
TOTAL PROJECTED EXPENDITURES	\$ 33,267,711	\$ 34,267,545	\$ 35,210,327	\$ 36,405,471	\$ 37,660,981	\$ 38,962,011

NOTES TO ASSUMPTION OF PROJECTIONS

Operating expenditures are projected to increase on average of 3% to 4% each year.

**TABLE 3
 RECAP OF AVAILABLE RESOURCES vs PROPOSED APPROPRIATIONS
 GENERAL FUND CAPITAL IMPROVEMENT PROGRAM**

	2016/17	2017/18	2018/19	2019/20	2020/21
TOTAL PROJECTED AVAILABLE RESOURCES	\$37,141,883	\$37,743,672	\$38,838,173	\$40,291,922	\$41,507,571
PROJECTED OPERATING EXPENDITURES	32,059,682	32,989,348	34,184,492	35,440,002	36,741,032
DEBT SERVICE REQUIREMENTS	2,207,863	2,220,979	2,220,979	2,220,979	2,220,979
SUBTOTAL - EXPENDITURES	34,267,545	35,210,327	36,405,471	37,660,981	38,962,011
BALANCE AFTER OPERATING COSTS	2,874,338	2,533,345	2,432,702	2,630,941	2,545,561
LESS CIP APPROPRIATIONS	2,701,225	1,516,475	1,444,755	1,450,325	1,532,075
BALANCE	\$ 173,113	\$ 1,016,870	\$ 987,947	\$ 1,180,616	\$ 1,013,486
AMOUNT NEEDED FROM CIP RESERVE OR NEW REVENUES	\$ -	\$ -	\$ -	\$ -	\$ -



**PROPOSED FINANCING PLAN
TRANSPORTATION FUND**

This fund was established to account for restricted revenues and expenditures which by State Statute and County Transit System Surtax Ordinance are designated for transportation enhancements, street maintenance and construction costs. This table reflects the anticipated revenues available and the proposed appropriations.

**TABLE 4
TRANSPORTATION AND STREET MAINTENANCE FUND
RECAP OF AVAILABLE RESOURCES AND PROPOSED APPROPRIATIONS
SUMMARY BY YEAR**

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
REVENUES						
LOCAL OPTION GAS TAX	\$ 516,000	\$ 516,000	\$ 528,900	\$ 542,123	\$ 555,676	\$ 544,000
INTEREST EARNINGS	2,000	2,000	2,000	2,000	2,000	2,000
STATE SHARED REVENUES-RESTRICTED	240,000	295,000	302,375	309,934	317,683	184,000
FDOT	490,000	-	-	-	-	-
CARRYOVER	2,421,260	379,718	539,191	473,837	584,664	639,541
COUNTY TRANSIT SYSTEM SURTAX	1,371,000	1,433,000	1,468,825	1,505,546	1,543,184	1,581,764
TOTAL REVENUES	\$5,040,260	\$2,625,718	\$2,841,291	\$ 2,833,440	\$3,003,206	\$ 2,951,305
EXPENDITURES						
Maintenance Operating Expenditures	\$ 537,405	\$ 613,527	\$ 644,204	\$ 676,414	\$ 710,234	\$ 745,746
Bikeshare Program Operating Expenditures	-	40,000	40,000	40,000	40,000	40,000
Transit Services	470,000	745,000	782,250	821,363	862,431	1,055,552
TOTAL EXPENDITURES	\$ 1,007,405	\$ 1,398,527	\$ 1,466,454	\$ 1,537,776	\$ 1,612,665	\$ 1,841,298
Total For Capital	4,032,855	1,227,191	1,374,837	1,295,664	1,390,541	1,110,007
CAPITAL EXPENDITURES						
Project Title	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Street Lighting	\$ 718,600	\$ 400,000	\$ 400,000	\$ 400,000	\$ 200,000	\$ -
Sidewalk Additions	32,000	-	-	-	-	-
Bikeshare Program	215,000	-	-	-	-	-
Transportation Improvements	1,140,218	-	-	-	-	-
Road Resurfacing Program	1,547,319	288,000	501,000	311,000	551,000	653,000
TOTAL CAPITAL EXPENDITURES	\$ 3,653,137	\$ 688,000	\$ 901,000	\$ 711,000	\$ 751,000	\$ 653,000

**PROPOSED FINANCING PLAN
STORMWATER UTILITY FUND**

The City is responsible for stormwater management activities within its corporate boundaries. In order to address deficiencies and develop an ongoing maintenance program, a Stormwater Utility Fund was created. The Fund generates revenues for stormwater management costs, permitting, maintenance and capital improvements from a source other than the General Fund. The Utility relies on user fees charged to residents and businesses for generating revenues.

Table 5 reflects the anticipated revenues available and the proposed appropriations for the Stormwater Utility Fund for the five-year period.

A total of \$2,764,000 from this fund will be utilized to fund of stormwater drainage projects during the five-year period. The monthly rate charged to users per unit was \$2.50 for 2015/16. It is recommended that the fee be increased to \$3.50 to fund the necessary improvements in the CIP. The fee has not increased in twenty years. A Comprehensive Study of the City's Stormwater Management System and future impacts to the system based on the rise of sea levels is currently underway and will be complete by the end of September 2017. The results of that study will be incorporated into future CIP document updates.

TABLE 5
RECAP OF AVAILABLE RESOURCES vs PROPOSED APPROPRIATIONS
STORMWATER UTILITY FUND

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Revenues:						
Stormwater Utility Billings (1)	\$875,670	\$1,050,804	\$1,071,820	\$1,093,256	\$1,115,122	\$1,137,424
State Grant	-	-	-	-	-	-
Interest	1,000	1,000	1,000	1,000	1,000	1,000
Carry Over of Surplus	2,002,000	-	111,002	307,948	356,295	545,471
	<u>\$ 2,878,670</u>	<u>\$ 1,051,804</u>	<u>\$ 1,183,822</u>	<u>\$ 1,402,204</u>	<u>\$ 1,472,416</u>	<u>\$ 1,683,895</u>
Operating Expenses: (2)	578,656	601,802	625,874	650,909	676,946	704,024
Available for CIP & Debt Service	<u>\$ 2,300,014</u>	<u>\$ 450,002</u>	<u>\$ 557,948</u>	<u>\$ 751,295</u>	<u>\$ 795,471</u>	<u>\$ 979,871</u>
Annual CIP Expenditures:	<u>2,300,000</u>	<u>339,000</u>	<u>250,000</u>	<u>395,000</u>	<u>250,000</u>	<u>250,000</u>
Annual Surplus/(Deficit):	<u>\$ 14</u>	<u>\$ 111,002</u>	<u>\$ 307,948</u>	<u>\$ 356,295</u>	<u>\$ 545,471</u>	<u>\$ 729,871</u>



PROJECT DESCRIPTIONS

BEAUTIFICATION AND PARK FACILITIES IMPROVEMENTS

This section includes beautification projects and improvements to the City's park system and recreational facilities. There are five (5) projects in the CIP, which total \$896,600. Special emphasis was given to upgrading existing park facilities.

Policies

The City's investment in improvements to the City park system is based on the following policies:

Goal: Provide adequate and accessible parks and facilities to meet the recreational needs of all current and future residents.

- Provide a variety of quality recreation facilities that will meet the needs of all age groups within the City and enhance the overall environmental characteristics of the area.
- Maximize the utilization of all public facilities through the provision of variety in the type of facility offered.
- Provide exercise/walking paths and designated areas for bike riders to enhance the physical well being of residents.
- Provide recreational facilities on the basis of 2.75 acres per 1,000 population.
- Encourage the integration of recreational facilities into the development of residential, commercial, industrial, and open space land uses.

Goal: Update the five-year CIP on an annual basis.

- Provide parks whereby residents have access to neighborhood parks within a 2 mile radius and community parks which serve the entire City.

Goal: Increase Safety Standards

- Provide for adequate security measure including limited access facilities.
- Replace dangerous equipment and eliminate visual barriers to reduce criminal opportunities.
- Employ vandal-resistant equipment and facilities.
- Maintain a Parks Usage Plan to protect the City's investment in the park system and insure the residents' safety.

Goal: Protect and preserve environmentally sensitive land and water areas.

- Preserve and enhance open space with environmental impact.

Existing Facilities

There is 32 acres of open space and public park land in the City.

Aventura Founders Park was opened in November 1998. This 11 acre site located on West Country Club Drive and NE 190th Street includes both active and passive recreational opportunities. The park encompasses the following components: Splash pad, Jogging Path, tennis courts, gated entries, One ball field w/ dugouts and backstops, Restroom Buildings, Decorative Fencing, Playground, picnic area, passive play areas, baywalk, landscaping, two parking lots, multi-purpose plaza areas, signage, benches, and security lighting.

Don Soffer Exercise/Walking Path contains 5.5 acres that is classified as open space recreation area. This facility is used by residents for both recreational and exercise purposes.

Waterways Dog Park was acquired by the City in 1998 from a private developer. This 1.5 acre site was previously constructed by a private developer. The City converted this site to a dog park in 2008.

Waterways Park was purchased in 2006. The 7 acre site that includes a multipurpose sports field, playground, basketball court, fitness trail, parking and restroom facilities was opened in 2008.

Arthur I Snyder Memorial Park was purchased in 1998. This 3.5 acre site was one of the last remaining waterfront undeveloped parcels in the City. This site contains the Community/Recreation Center. Open passive and sitting areas are available at this location.

Veterans Park was acquired by the City from a private developer in 2001. This 2 acre site is located on NE 31st Avenue. Facilities and amenities include: parking lot; 1.5 acre open playfield area; playground facilities; restroom facilities and landscaping with shade trees. This park was modified in 2008 by removing the dog play area and expanding the children's play area and adding a restroom facility.

NE 188th Street Park contains 1.5 acres and was dedicated to the City in 2013. Development of this site is scheduled to be complete in 2016.

Prior Accomplishments

The following projects have been completed or are scheduled for completion as of the 2015/16 fiscal year:

Project Title	Year
Conceptual Design of Aventura Founders Park	1996/97
Design of Country Club Drive Exercise Safety Improvements	1996/97
Purchase of 5.5 acres for Aventura Founders Park	1996/97
Bus Shelter & Bench Replacements	1996/97, 1997/98, 1998/99 1999/00, 2000/01, 2001/02 2005/06
Aventura Blvd Beautification Improvements	1997/98
Northern Entrance Beautification Improvements	1997/98
Aventura Founders Park Development	1997/98
Country Club Drive Exercise/Walking Path Improvements	1997/98
NE 183 rd Street Beautification Improvements	1997/98
NE 34 th Avenue Beautification Improvements	1997/98
Library Landscaping Project	1997/98
Huber Tract Open Space Land Purchase	1998/99
NE 207 th Street Beautification Improvements	1998/99
Country Club Dr. Exercise Path Safety Improvements	1998/99, 2004/05, 2009/10
NE 190 th Street Beautification Improvements	1998/99
Biscayne Boulevard Phase I Beautification Improvements	1998/99
FEC Landscape Buffer	1998/99
NE 191 st Street Beautification Improvements	1998/99
Waterways Park Improvements	1999/00
Founders Park Improvements	1999/00, 2001/02, 2002/03 2003/04, 2005/06, 2010/11 2013/14, 2014/15, 2015/16
Biscayne Boulevard Phase II Beautification Improvements	1999/00
NE 185 th Street & NE 28 th Ave Beautification Improvements	1999/00
NE 213 th Street Beautification Improvements	2001/02
Aventura Blvd. Entrance Features	2001/02
Community/Recreation Center Conceptual Design	2000/01
Community Recreation Center Development	2001/02
Expanded Waterways Park Purchase	2003/04
Biscayne Boulevard Phase II Beautification Improvements	2001/02
Country Club Drive Beautification Improvements	2002/03
Newspaper Racks	2002/03, 2003/04
NE 188 th Street Beautification Improvements	2002/03
Yacht Club Way Beautification Improvements	2003/04
William Lehman Causeway Beautification Improvements	2003/04, 2004/05
Veterans Park Development	2003/04
Waterways Park Design	2005/06
Founders Park Parking Lot Expansion	2005/06
NE 207 th Street Swale Beautification Improvements	2005/06
Waterways Park Development	2006/07, 2007/08
Splashpad Addition to Founders Park	2006/07
Miami Gardens Drive Beautification Improvements	2006/07
Waterways Dog Park Development	2007/08

Veterans Park Modifications & Improvements	2007/08, 2013/14
Entrance Features Upgrades	2010/11
Waterways Park Improvements	2013/14, 2014/15, 2015/16
NE 188 th Street Park Design	2014/15
NE 188 th Street Park Construction	2015/16
Exercise Trail Path Lighting System	2015/16

Park Facilities/Open Space Recreation

The City’s estimated current population is 37,239. The City’s Comprehensive Plan recommended standard is 2.75 acres of park and recreation land for every 1,000 potential residents. The amount of park and recreation land required by the park standards for this population is 102 acres. In calculating the number of recreation acres the City has available for use by residents, public private, golf courses and marinas are accounted for at a different degree depending on accessibility to citizens of the City. Assuming that public facilities can be accounted for at 100%, private recreation facilities at 50%, and marinas and the golf course at 25%, the City existing and proposed recreation areas total 117. Therefore, no deficiency exists under the City’s standards. Table PFOS1 contains an inventory of existing and proposed recreation and open space areas. The City owns 32 park/open space acres.

Table PFOS 1
CITY OF AVENTURA
Recreation/Open Space Inventory

<u>TYPE</u>	<u>FACILITY</u>	<u>ACRES</u>	<u>APPLICABLE ACRES</u>
<i>Public Recreation Areas</i>			
C	Don Soffer Exercise/Walking path	5.5	5.5
C	Arthur I Snyder Memorial Park	3.5	3.5
N	Veterans Park	2.0	2.0
N	Waterways Park	7.0	7.0
N	Waterways Dog Park	1.5	1.5
N	NE 188 th Street Park	1.5	1.5
N	Aventura Founders Park	<u>11.0</u>	<u>11.0</u>
	Public Recreation Subtotal	<u>32.0</u>	<u>32.0</u>
<i>Private Recreation Areas</i>			
	Private Recreation Sites	63.61	31.81
	Marina Complexes	9.40	2.35
	Golf Courses	<u>203.17</u>	<u>50.79</u>
	Private Recreation Subtotal	<u>276.18</u>	<u>84.95</u>
	Total Recreation Areas	<u>306.68</u>	<u>116.95</u>

C = Community Park
N = Neighborhood Park

PROPOSED BEAUTIFICATION AND PARK FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2016/17	2017/18	2018/19	2019/20	2020/21	Total
BP1	Founders Park Improvements	CS	\$ 155,000	\$ 31,000	\$ 185,000	\$ 15,000	\$ 50,000	\$ 436,000
BP2	Waterways Park Improvements	CS	30,000	-	-	-	196,000	226,000
BP3	Veterans Park Improvements	CS	-	150,000	4,500	-	-	154,500
BP4	Exercise Trail Improvements	PW/T	-	10,400	10,600	10,800	-	31,800
BP5	City-wide Beautification Improvements	PW/T	9,400	9,600	9,750	9,750	9,800	48,300
Totals			\$ 194,400	\$ 201,000	\$ 209,850	\$ 35,550	\$ 255,800	\$ 896,600

TABLE 2
 PROPOSED BEAUTIFICATION AND PARK FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	General Fund
BP1	Founders Park Improvements	CS	\$ 436,000	\$ 436,000
BP2	Waterways Park Improvements	CS	226,000	226,000
BP3	Veterans Park Improvements	CS	154,500	154,500
BP4	Exercise Trail Improvements	PW/T	31,800	31,800
BP5	City-wide Beautification Improvements	PW/T	48,300	48,300
Totals			\$ 896,600	\$ 896,600

PROPOSED PROJECTS

1 – CS

Founders Park Improvements

2016/17 \$155,000 2017/18 \$31,000 2018/19 \$185,000
 2019/20 \$15,000 2020/21 \$50,000

This project consists of maintenance projects which replace and update equipment as well as enhancements to the existing features.

2016/17	Replace SplashPad Water Features	30,000
	Resurface Parking Lot and Exercise Trail	119,000
	Replace Playground Pole Padding	6,000
2017/18	Replace SplashPad Water Features	31,000
2018/19	Replace Sunpad Furniture	23,000
	Replace SpalshPad Pumps	12,000
	Renovate 4 Restrooms	150,000
2019/20	Replace Benches and Trash Cans	15,000
2020/21	Replace SplashPad Surface	45,000
	Replace Tables and Chairs	5,000

2-CS

Waterways Park Improvements

2016/17 \$30,000 2020/21 \$196,000

This project consists of the following maintenance projects.

2016/17	Replace Soccer Nets	5,000
	Replace Exercise Stations Surface	25,000
2020/21	Replace Playground Equipment and Surfacing	185,000
	Replace Table and Chairs	5,000
	Replace Soccer Nets	6,000

3-CS

Veterans Park Improvements

2017/18 \$150,000 2018/19 \$4,500

This project consists of maintenance projects which replace and update equipment as well as enhancements to the existing features.

2017/18	Replace Playground Equipment	150,000
2018/19	Replace Playground Equipment	4,500

4-PW/T

Exercise Trail Improvements

2017/18 \$10,400 2018/19 \$10,600 2019/20 \$10,800

This project consists of maintenance requirements for the Don Soffer Exercise Path:

2017/18	Replace 2 Water Fountains	10,400
2018/19	Replace 2 Water Fountains	10,600
2019/20	Replace 2 Water Fountains	10,800

5 – PW/T

City-Wide Beautification Improvements

2016/17 \$9,400 2017/18 \$9,600 2018/19 \$9,750
 2019/20 \$9,750 2020/21 \$9,800

This project consists of replacing aging street furniture that is no longer useful.

2016/17	Purchase Trash Cans and Benches	9,400
2017/18	Purchase Trash Cans and Benches	9,600
2018/19	Purchase Trash Cans and Benches	9,750
2019/20	Purchase Trash Cans and Benches	9,750
2020/21	Purchase Trash Cans and Benches	9,800

TRANSPORTATION, DRAINAGE AND INFRASTRUCTURE IMPROVEMENTS

This section includes improvements to the City's transportation system, roadways, drainage system, sidewalks, pedestrian pathways, street lighting, transit and other infrastructure improvements. There are three (3) improvement projects in the Capital Improvement Program, which total \$6,468,500. Special emphasis was given to seawall maintenance, street lighting, correcting drainage deficiencies, road resurfacing and addressing maintenance considerations. The projects outlined in this section have been developed based on a survey of all areas of the City, with respect to the improvement items, by the City's consulting engineer and staff. The projects were prioritized according to the urgency of the improvements needed and age of the areas to be improved.

Policies

The City's investment in improvements to its transportation system, roads, sidewalks, street lighting and drainage system is based on the following policies:

Goal: Utilize the Stormwater Utility Fund to provide revenue sources to fund drainage improvements contained in the CIP.

- Coordinate area-wide storm water developments with major street improvements.
- Provide adequate storm drainage as defined by present standards for different types of areas of the City.
- Upgrade areas of the City to conform to present drainage standards to eliminate flood prone areas.
- Implement projects that address the long-term problems of the rising sea levels.

Goal: Improve local roads to meet road safety requirements and serve the transportation needs of the City.

- Systematically provide local street improvements throughout the City based upon the existing condition and age of the street and the cost of maintenance of the street.
- Implement improvements to meet safety standards.
- Improve safety by installing street lighting on all appropriate public roadways.
- Provide walkways and sidewalks to improve the safety of residents traveling throughout the City.

- Accept the dedication of private roads throughout the City in accordance with the Policy governing the conversion of private roads to public roads as outlined in Resolution No. 97-05.

Goal: Address traffic flow along the major roadways and intersections by implementing projects that create improvements to the system.

Existing Facilities

The following is a list of current public roads under the jurisdiction of the City:

NE 185 th Street	NE 27th Court
NE 28 th Place	NE 28 th Avenue
NE 29 th Avenue	NE 29th Court
NE 29 th Place	NE 30 th Avenue
NE 34 th Avenue	NE 187 th Street
NE 188 th Street	NE 190 th Street
NE 191 st Street	NE 192 nd Street
NE 193 rd Street	Aventura Boulevard
West Country Club Drive	North Country Club Drive
East Country Club Drive	NE 201 Terrace
NE 203 rd Street	NE 205 th Street
NE 206 th Street	NE 207 th Street
NE 208 th Street	NE 208 th Terrace
NE 209 th Street	NE 211 th Street
NE 213 th Street	NE 214 th Terrace
NE 214 th Street	NE 183 rd Street
Yacht Club Drive	Turnberry Way
NE 27 th Court	

Prior Accomplishments

Since the inception of the CIP, the following projects have been completed or are scheduled for completion as of the 2015/16 fiscal year:

<u>Project Title</u>	<u>Year</u>
Country Club Drive Drainage Improvements	1996/97
Sidewalk Installation – Southside of Lehman Causeway	1996/97
Pedestrian Safety Study	1996/97
Aventura Boulevard Street Lighting Improvements	1997/98
NE 183 rd Street & Drainage Improvements	1997/98
NE 183 rd Street Lighting Improvements	1997/98
NE 207 th Street Lighting Improvements	1997/98
North Aventura Stormwater Collector (213 th Street)	1997/98
Pedestrian Transportation Circulation Safety Improvements	1997/98
NE 190 th Street Lighting Improvements	1998/99
South Aventura Stormwater Collector	1998/99
Sidewalk Improvements & Replacements	1998/99, 1999/00, 2000/01

NE 34 th avenue Street Lighting Improvements	1999/00
NE 185 th Street & NE 28 th Avenue Improvements	1999/00
Safety Improvements – Country Club Drive	1999/00
NE 30 th Avenue Drainage Improvements	2000/01
NE 213 th Street Lighting Improvements	2000/01
NE 34 th Avenue Safety/Road Improvements	2000/01
Biscayne Lake Gardens Area Drainage Improvements	2001/02
NE 188 th Street, Lighting & Drainage Improvements	2002/03
Country Club Drive Improvements	2002/03, 2012/13, 2013/14
NE 190 TH Street Drainage Improvements	2002/03
Yacht Club way Drainage and Lighting Improvements	2003/04
NE 31 st Avenue Decorative Street Lighting	2003/04
Extension of Lehman Causeway Westbound Service Road	2003/04
Illuminated Street Signs	2003/04
Hospital District NE 213 TH Street Drainage Connector	2003/04
Hospital District North Collector	2004/05
NE 207 th Street Resurfacing	2004/05
Traffic Video Monitoring Program	2004/05, 2005/06
Directional Signs	2004/05
Yacht Club Drive Seawall Improvements	2005/06
Miami Gardens Drive	2005/06
Aventura Boulevard Resurfacing	2005/06
NE 213 th Street Outfall Drainage Improvement	2006/07
Miami Gardens Drive Extension and Street Lighting	2006/07
Ne 29 th Avenue Street Lighting Improvements	2006/07
Yacht Club Drive Resurfacing	2006/07
Countdown Pedestrian Walkway Signals	2006/07
Traffic Video Monitoring Program – Phase I	2006/07
Traffic Video Monitoring Program – Phase II	2007/08
NE 29 th Pace and Yacht Club Way Resurfacing	2007/08
NE 190 th Street Drainage Improvements	2007/08
NE 209 th Street/Biscayne Boulevard Traffic Improvements	2007/08
NE 187 th Street Traffic Improvements	2007/08
NE 180 th & NE 182 nd Street /Biscay Boulevard Signage	2007/08
NE 199 th Street/West Country Club Drive Turning Lane	2008/09
NE 190 th Street Resurfacing	2008/09
NE 191 st Street/Biscayne Boulevard Traffic Improvements	2008/09
NE 191 st /29 th Avenue Drainage Improvements	2008/09
Hospital District Resurfacing	2009/10
NE 183 rd Street Resurfacing & Road Improvements	2009/10
Yacht Club Way Bridge Improvements	2009/10
Country Club Drive Bus Shelters	2010/11
NE 29 th Avenue and NE 187 th Street Resurfacing	2010/11
NE 34 th Avenue Street Resurfacing	2010/11
Biscayne Boulevard Street Light Upgrades Phase 1	2010/11
Biscayne Boulevard Street Light Upgrades Phase 2	2011/12

NE 185 th /NE 31 th Avenue, NE 188 th Street and NE 191 Street	
Resurfacing	2011/12
Biscayne Boulevard Street Light Upgrades Phase 3	2012/13
Traffic Signal @ NE 185 th Street & NE 28 th Court	2012/13
Turning Lane at N. Country Club Drive and NE 34 th Avenue	2012/13
Biscayne Boulevard Street Light Upgrades Phase 4	2013/14
Traffic Flow Improvements NE 185 th Street	2013/14
NE 29 th Place Drainage Improvements & Resurfacing	2014/15
Biscayne Lake Gardens Resurfacing	2014/15
NE 207 th Street Resurfacing	2014/15
Traffic Video Monitoring System Upgrades	2014/15, 2015/16
NE 185 th Street Turning Lane Improvements	2014/15
NE 191 st Street Drainage Improvements & Resurfacing	2015/16
NE 29th Place (South) Drainage Improvements, Street lights & Resurfacing	2015/16
NE 213 th Street Resurfacing	2015/16
NE 213 th Street Seawall Repairs	2015/16
Yacht Club Way Bridge Repairs	2015/16
Stormwater Master Plan Phase I	2015/16
Country Club Drive Flashing Pedestrian Crossing Signs	2015/16
NE 30 th Avenue Street Lighting	2015/16

Road, Drainage and Infrastructure Improvements

The majority of the projects outlined herein can be also be classified as drainage improvements and road resurfacing in accordance with established maintenance schedules.

Funding Plan

Funding for the proposed roadway, drainage and infrastructure improvement projects will be provided by the following sources:

Total Category Budget	\$6,468,500
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Funding:

Transportation Fund	\$3,704,000
Stormwater Utility Fund	1,484,000
General Fund	1,280,500

Tables 1 and 2 showing these improvement projects and funding schedules are followed by detailed project descriptions.

TABLE 1
 PROPOSED TRANSPORTATION, DRAINAGE AND INFRASTRUCTURE IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2016/17	2017/18	2018/19	2019/20	2020/21	Total
TD11	Stormwater Drainage Improvements	PW/T	\$ 1,619,500	\$ 250,000	\$ 395,000	\$ 250,000	\$ 250,000	\$ 2,764,500
TDI2	Road Resurfacing Program	PW/T	288,000	501,000	311,000	551,000	653,000	2,304,000
TDI3	Street Lighting Improvements	PW/T	400,000	400,000	400,000	200,000	-	1,400,000
Totals			\$ 2,307,500	\$ 1,151,000	\$ 1,106,000	\$ 1,001,000	\$ 903,000	\$ 6,468,500

TABLE 2
 PROPOSED TRANSPORTATION, DRAINAGE AND INFRASTRUCTURE IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	Stormwater Utility Fund		General Transportation Fund	
TD11	Stormwater Drainage Improvements	PW/T	\$ 2,764,500	\$ 1,484,000	\$ 1,280,500	\$ -	
TDI2	Road Resurfacing Program	PW/T	2,304,000	-	-	2,304,000	
TDI3	Street Lighting Improvements	PW/T	1,400,000	-	-	1,400,000	
Totals			\$ 6,468,500	\$ 1,484,000	\$ 1,280,500	\$ 3,704,000	

PROPOSED PROJECTS

1-PW/T

Stormwater Drainage Improvements

2016/17 \$1,619,500	2017/18 \$250,000	2018/19 \$395,000
2019/20 \$250,000	2020/21 \$250,000	

Projects included provide for drainage improvements in areas prone to flooding and addressing the long-term impacts of the rising sea levels by installing check valves in the various drainage outflows throughout the City.

2016/17	Stormwater Master Plan Phase II	153,000
	3 Stormwater Outflow Check Valves	186,000
	NE 183 rd Street, NE 188 th Street and NE 190 th Street Seawall Improvements	1,280,500
2017/18	4 Stormwater Outflow Check Valves	250,000
2018/19	Replace Country Club Drive Pump Station	95,000
	4 Stormwater Outflow Check Valves	250,000
	NE 209 th Street	50,000
2019/20	4 Stormwater Outflow Check Valves	250,000
2020/21	4 Stormwater Outflow Check Valves	250,000

2-PW/T

Road Resurfacing Program

2016/17 \$288,000	2017/18 \$501,000	2018/19 \$311,000
2019/20 \$551,000	2020/21 \$653,000	

This project consists of resurfacing roadways as determined by the City's maintenance standards and the Public Works/Transportation Department.

2016/17	NE 27 th Avenue	58,000
	NE 28 th Court between 185 and 187 Streets	69,000
	NE 30 th Avenue	100,000
	NE 209 th Street	61,000
2017/18	Yacht Club Drive	385,000
	Mystic Point Drive	116,000
2018/19	NE 187 th Street	155,000
	NE 185 th Street	156,000

2019/20	Aventura Boulevard	365,000
	NE 34 th Avenue	68,000
	NE 28 th Avenue	118,000
2020/21	NE 190 th Street	326,000
	Yacht Club Way	125,000
	Hospital District	202,000

3-PW/T		
Streetlight Improvements		
2016/17	\$400,000	2017/18 \$400,000
2018/19	\$400,000	2019/20 \$200,000
2016/17	NE 30th Avenue north of NE 207th Street. Retrofit Street Lighting with LED fixtures	200,000 200,000
2017/18	Retrofit Street Lighting with LED fixtures	400,000
2018/19	Retrofit Street Lighting with LED fixtures	400,000
2019/20	Retrofit Street Lighting with LED fixtures	200,000

PUBLIC BUILDINGS AND FACILITIES IMPROVEMENTS

Capital projects in this functional category include providing new facilities to serve City residents or improvements to existing facilities in the City. The CIP includes 3 projects totaling \$475,000.

Policies

The City's investment in improvements to public buildings and operational facilities is based on the following policies:

- Provide easily accessible services to City residents and adequate parking for City facilities.
- Repair and maintain all buildings and facilities in proper order to increase life of said facilities.

Prior Accomplishments

The following projects have been completed or are scheduled for completion as of the 2015/16 fiscal year:

<u>Project Title</u>	<u>Year</u>
Government Center/Police Station Needs Assessment Study	1996/97
Government Center Land Purchase	1997/98
Design of Government Center/Police	1997/98
Construction of Government Center	1999/00, 2000/01
Purchase of Charter Elementary School Property	2001/02
Construction of Charter Elementary School	2002/03
Community Center Improvements	2003/04, 2004/05, 2006/07, 2007/08
Construction of Middle School Wing to Charter School	2004/05
Holiday Lighting for Government Center	2005/06
Design of Arts & Cultural Center	2007/08
Classroom Additions to Charter School	2008/09
Arts & Cultural Center Construction	2008/09, 2009/10
Government Center Chiller Replacements	2009/10
Police Department Office Improvement	2009/10
Government Center Security Equipment Upgrade	2010/11
Government Center Commission Chambers Video Upgrade	2010/11
Government Center Parking Expansion Design	2011/12
Government Center Parking Garage	2012/13
Police Communications Center Improvements	2014/15

Funding Plan

Funding for the proposed Public Buildings Projects will be provided by the following sources: Total Category Budget \$475,000

Funding:

General Fund	\$308,000
Charter School Fund	167,000

TABLE 1
 PROPOSED PUBLIC BUILDING AND FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2016/17- 2020/21
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2016/17	2017/18	2018/19	2019/20	2020/21	Total
PBF1	HVAC Replacements	PW/T	\$ 30,000	\$ 83,000	\$ 99,500	\$ 145,000	\$ 50,000	\$ 407,500
PBF2	Community Recreation Center Improvements	CS	-	-	31,000	13,500	-	44,500
PBF3	AACC Improvements	AACC	-	-	-	23,000	-	23,000
Totals			\$ 30,000	\$ 83,000	\$ 130,500	\$ 181,500	\$ 50,000	\$ 475,000

TABLE 2
 PROPOSED PUBLIC BUILDING AND FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2016/17- 2020/21
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	Charter Fund	General Fund
PBF1	HVAC Replacements	PW/T	\$ 407,500	\$ 167,000	\$ 240,500
PBF2	Community Recreation Center Improvements	CS	44,500	-	44,500
PBF3	AACC Improvements	AACC	23,000	-	23,000
Totals			\$ 475,000	\$ 167,000	\$ 308,000

PROPOSED PROJECTS

1 – PW/T

HVAC Replacements

2016/17 \$30,000 2017/18 \$83,000 2018/19 \$99,500
 2019/20 \$145,000 2020/21 \$50,000

This project consists of replacing the air conditioning units at various City facilities.

2016/17	Replace 20 ton HVAC at ACES	\$30,000
2017/18	Replace 30 ton HVAC at ACES	\$42,000
	Replace 3-5 ton HVAC at Community Recreation Center	16,000
	Replace Air Handler at Government Center	25,000
2018/19	Replace 12 ton HVAC at Community Recreation Center	\$30,000
	Replace 3 8-ton HVAC at ACES	35,000
	Replace Smoke Evacuation Fans at Government Center	34,500
2019/20	Replace 20 ton HVAC at ACES	\$30,000
	Replace 20 ton HVAC at Community Recreation Center	30,000
	Replace Chiller at AACC	85,000
2020/21	Replace 20 ton HVAC at ACES	\$30,000
	Replace Server Room/Dispatch	20,000

2 – CS

Community Recreation Center Improvements

2018/19 \$31,000 2019/20 \$13,500

2018/19 Replace Gym Bleachers, Wall Padding and Curtain.

2019/20 Replace Gym Lighting with LED Lights

3 – AACC

AACC Improvements

2019/20 \$23,000

This project consists of replacing the carpet at the Aventura & Arts and Cultural Center.

INFORMATION/COMMUNICATIONS TECHNOLOGY

This functional category includes improvements to the City’s information/communication systems, data processing and the automation of certain operations by utilizing the latest technology to enhance productivity and efficiency. There are 13 projects totaling \$3,833,475.

Policies

The City’s investment in information/technology projects is based on the following policies:

- Continue the implementation upgrade of the Management Information System for all key City operations to automate functions and improve efficiency and productivity.
- Maintain state of the art City-wide radio communications capabilities for Police operations.
- Develop and maintain computerized capabilities of the various City departments and information systems.
- Utilize the latest state-of-the-art technology including the use of the Internet and social media for the delivery of services.
- Maintain the E911 system to enhance police response times to emergencies.
- Utilize the latest technology for education and teaching at the Charter School.

Funding Plan

Funding for the proposed Information Technology Projects will be provided by the following sources: Total Category Budget \$3,833,475

Funding:

General Fund	\$2,385,475
Charter School Fund	1,448,000

TABLE 1
 PROPOSED COMMUNICATIONS AND COMPUTERS EQUIPMENT
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2016/17	2017/18	2018/19	2019/20	2020/21	Total
ICT1	Police Computers Systems<\$5000	PD	\$ 133,375	\$ 153,375	\$ 197,375	\$ 111,375	\$ 138,375	\$ 733,875
ICT2	Central Computer System>\$5000	IT	170,000	240,000	210,000	255,000	240,000	1,115,000
ICT3	Radios	PD	50,000	50,000	13,000	50,000	200,000	363,000
ICT4	Computer Equipment<\$5000	ACES	227,500	138,500	204,500	195,000	207,500	973,000
ICT5	Computer Equipment>\$5000	ACES	65,500	72,000	110,000	132,500	95,000	475,000
ICT6	Computer Equipment<\$5000	IT	6,000	6,000	6,000	6,000	6,000	30,000
ICT7	Computer Equipment<\$5000	F	2,000	3,000	3,000	5,000	2,000	15,000
ICT8	Computer Equipment<\$5000	CM	4,000	-	-	-	-	4,000
ICT9	Computer Equipment<\$5000	PW/T	4,300	7,000	11,300	9,000	3,000	34,600
ICT10	Computer Equipment<\$5000	CS	12,000	7,000	1,000	6,000	7,000	33,000
ICT11	Computer Equipment<\$5000	CD	3,500	4,000	4,500	3,500	4,500	20,000
ICT12	Computer Equipment<\$5000	AACC	6,000	6,000	5,000	11,000	2,000	30,000
ICT13	Computer Equipment<\$5000	CC	-	3,000	1,000	2,000	1,000	7,000
Totals			\$ 684,175	\$ 689,875	\$ 766,675	\$ 786,375	\$ 906,375	\$ 3,833,475

TABLE 2
 PROPOSED COMMUNICATIONS AND COMPUTERS EQUIPMENT
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	General Fund	Charter School Fund
ICT1	Police Computers Systems<\$5000	PD	\$ 733,875	\$ 733,875	-
ICT2	Central Computer System>\$5000	IT	1,115,000	1,115,000	-
ICT3	Radios and E911 System	PD	363,000	363,000	-
ICT4	Computer Equipment<\$5000	ACES	973,000	-	973,000
ICT5	Computer Equipment>\$5000	ACES	475,000	-	475,000
ICT6	Computer Equipment<\$5000	IT	30,000	30,000	-
ICT7	Computer Equipment<\$5000	F	15,000	15,000	-
ICT8	Computer Equipment<\$5000	CM	4,000	4,000	-
ICT9	Computer Equipment<\$5000	PW/T	34,600	34,600	-
ICT10	Computer Equipment<\$5000	CS	33,000	33,000	-
ICT11	Computer Equipment<\$5000	CD	20,000	20,000	-
ICT12	Computer Equipment<\$5000	AACC	30,000	30,000	-
ICT13	Computer Equipment<\$5000	CC	7,000	7,000	-
			\$ 3,833,475	\$ 2,385,475	\$ 1,448,000

PROPOSED PROJECTS

1 - PD

Police Computers Systems < \$5000

2016/17 \$133,375 2017/18 \$153,375 2018/19 \$197,375

2019/20 \$111,375 2020/21 \$138,375

This project consists of purchasing computer equipment and software that utilizes the latest technology for the Police Department.

2016/17	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	Vehicle Modems	14,000
	Replace 1 Server	5,000
	15 Vehicle Printers	7,875
	10 EOC PCS	12,000
	Laptop-Ruggized	4,000
	Replace Smart Board	8,000
	Desktop Scanner	2,000
	Laser Printer	1,500
2017/18	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	40 Vehicle Modems	56,000
	Replace Server	5,000
	15 Vehicle Printers	7,875
	Desktop Scanners	4,000
	Laser Printer	1,500
2018/19	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	Vehicle Modems	56,000
	Replace Server	5,000
	15 Vehicle Printers	7,875
	Desktop Scanners	4,000
	Replace 2 Smart Board	20,000
	Key Track System	14,000
	Laptop-Ruggized	10,000
	Laser Printer	1,500
2019/20	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000

	20 Desktop Computers	24,000
	10 Vehicle Modems	14,000
	Replace Server	5,000
	15 Vehicle Printers	7,875
	Desktop Scanners	2,000
	2 Laser Printer	3,500
2020/21	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	10 Vehicle Modems	14,000
	Replace 1 Server	5,000
	15 Vehicle Printers	7,875
	Desktop Scanners	2,000
	Laser Printer	1,500
	Key Track System	14,000
	Replace In-Car Video Server	15,000
<hr/>		
2 - IT		
Central Management Information System > \$5000		
2016/17 \$170,000 2017/18 \$240,000 2018/19 \$210,000		
2019/20 \$255,000 2020/21 \$240,000		
<p>This project consists of purchasing new and replacement computer hardware and software that utilize the latest technology for the City's general information management system, which is used by all City Departments.</p>		
2016/17	Software/Licenses/Upgrades	\$20,000
	Servers/ Security/UPS/Switches	80,000
	AS 400 Upgrades	5,000
	Upgrade Phone System	10,000
	TVMS Equipment Upgrades	50,000
	Security Cameras/Recorders	5,000
2017/18	Software/Licenses/Upgrades	\$25,000
	Servers/ Security/UPS/Switches	95,000
	AS 400 Upgrades	40,000
	Upgrade Phone System	10,000
	TVMS Equipment Upgrades	50,000
	Equipment for Redundant Site	15,000
	Security Cameras/Recorders	5,000
2018/19	Software/Licenses/Upgrades	\$20,000
	Servers/ Security/UPS/Switches	85,000
	AS 400 Upgrades	5,000

	Upgrade Phone System	15,000
	TVMS Equipment Upgrades	65,000
	Security Cameras/Recorders	20,000
2019/20	Software/Licenses/Upgrades	\$15,000
	Servers/ Security/UPS/Switches	85,000
	AS 400 Upgrades	5,000
	Upgrade Phone System	25,000
	TVMS Equipment Upgrades	75,000
	Security Cameras/Recorders	50,000
2020/21	Software/Licenses/Upgrades	\$20,000
	Servers/ Security/UPS/Switches	80,000
	AS 400 Upgrades	5,000
	Upgrade Phone System	5,000
	Upgrade Video System Solution	10,000
	TVMS Equipment Upgrades	100,000
	Security Cameras/Recorders	20,000

3 - PD Radios		
2016/17	\$50,000	2017/18 \$50,000
2018/19	\$13,000	2019/20 \$50,000
2020/21	\$200,000	
<p>This project consists of upgrading the equipment for the 800 Mhz police radio system to ensure a state-of-the-art system and maintain the E911 system.</p>		
2016/17	8 Replacement Mobile Radios	50,000
2017/18	8 Replacement Mobile Radios	50,000
2018/19	2 Mobile Radios	13,000
2019/20	5 Handheld and 2 Mobile Radios	50,000
2020/21	8 Mobile Radios	50,000
	Sytem Console Upgrade	150,000

4 - ACES		
Computer Equipment < \$5,000		
2016/17	\$227,500	2017/18 \$138,500
2018/19	\$204,500	2019/20 \$195,000
2020/21	\$207,500	

This project consists of the regular replacement of the computers, laptops, servers and network infrastructure at the Aventura City of Excellence School.

2016/17	Replace 85 Laptops/Computers	102,000
	Add 90 New Laptops	108,000
	Mobile Learning Computer Labs	9,000
	Replace Color Laser Printer Scanner	3,500
	Replace Security Cameras	5,000
2017/18	Replace 100 Laptops/Computers	120,000
	21 Tablet Computers	10,500
	Mobile Learning Computer Lab	3,000
	Replace Security Cameras	5,000
2018/19	Replace 150 Laptops/Computers	180,000
	21 Tablet Computers	10,500
	Mobile Learning Computer Lab	3,000
	Replace Desktop Scanner	1,000
	Replace Security Cameras	10,000
2019/20	Replace 140 Laptops/Computers	168,000
	21 Tablet Computers	10,500
	Mobile Learning Computer Lab	6,000
	Replace Color Laser Printer	3,500
	Replace Security Cameras	7,000
2020/21	Replace 150 Laptops/Computers	180,000
	21 Tablet Computers	10,500
	Mobile Learning Computer Lab	6,000
	Replace Desktop Scanner	1,000
	Replace Security Cameras	10,000

5 - ACES

Computer Equipment > \$5000

2016/17 \$65,500	2017/18 \$72,000	2018/19 \$110,000
2019/20 \$132,500	2020/21 \$95,000	

This project consists of the regular replacement of smartboards and network infrastructure at the Aventura City of Excellence School that exceeds \$5,000.

2016/17	Replace Network Switches and Routers	10,000
	Replace 2 Servers	10,000
	Replace AV equipment and/or Smart boards	45,500
2017/18	Replace Network Switches and Routers	15,000

	Phone System Upgrade	5,000
	Replace AV equipment and/or Smart boards	52,000
2018/19	Replace Network Switches and Routers	45,000
	Replace AV equipment and/or Smart boards	65,000
2019/20	Replace Network Switches and Routers	20,000
	Phone System Upgrade	15,000
	Replace AV equipment and/or Smart boards	97,500
2020/21	Replace Network Switches and Routers	20,000
	Replace 1 Server	10,000
	Replace AV equipment and/or Smart boards	65,000

6 - IT		
Computer Equipment < \$5000		
2016/17	\$6,000	2017/18 \$6,000 2018/19 \$6,000
2019/20	\$6,000	2020/21 \$6,000
<p>This project includes the replacement of existing equipment for the various employees of the department.</p>		

7 - F		
Computer Equipment < \$5000		
2016/17	\$2,000	2017/18 \$3,000 2018/19 \$3,000
2019/20	\$5,000	2020/21 \$2,000
<p>This project includes the replacement of existing equipment for the various employees of the department.</p>		

8 - CM		
Computer Equipment < \$5000		
2016/17	\$4,000	
<p>This project consists of upgrading computer equipment in the Office of the City Manager.</p>		

9 - PW/T		
Computer Equipment < \$5000		
2016/17	\$4,300	2017/18 \$7,000 2018/19 \$11,300
2019/20	\$9,000	2020/21 \$3,000

This project consists of purchasing and upgrading computer equipment in the Public Works/Transportation Department.

2016/17	Replace 2 Computers	\$2,000
	Upgrade GIS Software	2,300
2017/18	Replace 2 Computers	\$2,000
	Replace HVAC Computer	4,000
	Upgrade GIS Software	1,000
2018/19	3 Computers	\$3,000
	Replace 1 Plotter	6,000
	Upgrade GIS Software	2,300
2019/20	2 Computers	\$2,000
	Replace 1 Scanner	1,000
	Replace 1 Visitor ID System	5,000
	Upgrade GIS Software	1,000
2020/21	Replace 2 Computers	\$2,000
	Upgrade GIS Software	1,000

10 - CS

Computer Equipment < \$5000

2016/17 \$12,000	2017/18 \$7,000	2018/19 \$1,000
2019/20 \$6,000	2020/21 \$7,000	

This project consists of purchasing and upgrading computer equipment in the Community Services Department and Community Recreation Center.

2016/17	Replace 2 Computers	\$2,000
	3 Biometric Time Clocks	10,000
2017/18	Replace 3 Computers	\$3,000
	Replace 1 ID Printer	4,000
2018/19	1 Computer	\$1,000
2019/20	2 Computers	\$2,000
	Replace 1 ID Printer	4,000
2020/21	Replace 3 Computers	\$3,000
	Replace 1 ID Printer	4,000

11 - CD

Computer Equipment < \$5000

2016/17 \$3,500	2017/18 \$4,000	2018/19 \$4,500
2019/20 \$3,500	2020/21 \$4,500	

This project consists of computer upgrades, replacement printers and the implementation of field computers for code compliance and building inspections for the Community Development Department.

2016/17	Replace 3 Computers	\$3,000
	Replace 1 Laserjet Printer	500
2017/18	Replace 3 Computers	\$3,000
	Replace 2 Laserjet Printers	1,000
2018/19	Replace 3 Computers	\$3,000
	Replace 1 Laserjet Printer	500
	Replace Desktop Scanner	1,000
2019/20	Replace 3 Computers	\$3,000
	Replace 1 Laserjet Printer	500
2020/21	Replace 3 Computers	\$3,000
	Replace Laserjet Printers	500
	Replace Desktop Scanner	1,000

12 - AACC

Computer Equipment < \$5000

2016/17 \$6,000	2017/18 \$6,000	2018/19 \$5,000
2019/20 \$11,000	2020/21 \$2,000	

This project consists of purchasing and upgrading computer equipment in the Arts & Cultural Center.

2016/17	Replace 4 Computers	4,000
	Replace Network Switches	2,000
2017/18	Replace 2 Laptop/tablets	4,000
	Replace Color Laser Printer	2,000
2018/19	Replace 4 Computers/laptops	5,000
2019/20	Upgrade Point of Sale System	11,000
2020/21	Replace Laptop/tablets	2,000

13 - CC

Computer Equipment < \$5000

2017/18 \$3,000 2018/19 \$1,000 2019/20 \$2,000

2020/21 \$1000

This project consists of upgrading and replacing computer equipment in the City Clerk's Office.

CAPITAL EQUIPMENT PURCHASES AND REPLACEMENTS

This section includes projects relating to Capital Equipment Purchases and Replacements for all operating departments. There are a total of 8 projects totaling \$3,744,280.

Policies

The City's investment in capital equipment purchases and replacements is based on the following policies:

Goal: Provide capital equipment that will meet the needs of all departments in order to maintain the efficiency and productivity of providing municipal services to the City's residents.

- Replace all present equipment that is required when they become unusable, unsafe or when maintenance costs outweigh the total cost of replacement.
- Develop and maintain an "Equipment Evaluation and Replacement Guide" to determine replacement schedules and costs.
- Purchase more economical, fuel efficient and multi-functional vehicles.
- Purchase "green" or electric vehicles where practical.
- Purchase new equipment that will increase productivity and reduce personnel and maintenance costs.
- Maintain all City assets at a level adequate to protect the City's capital investment and to minimize future maintenance and replacement costs.

Proposed Capital Equipment Purchase And Replacement

Most projects outlined in the 2016/17 to 2020/21 Capital Improvement Program are either pertaining to vehicles or operational equipment. Detailed project descriptions and a funding schedule follow. The CIP guidelines provide that capital equipment shall be defined as having a useful life of more than one year and a value of \$5,000 or more. Equipment that has a value of \$5,000 or less is also included in this document for budgetary purpose.

Funding Plan

Funding for the proposed Capital Equipment Purchase and Replacement Projects will be provided by annual appropriations from the General Fund:

TABLE 1
 PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2016/17	2017/18	2018/19	2019/20	2019/20	Total
CE1	Vehicle Purchase & Replacements	PD	\$ 387,000	\$ 499,000	\$ 410,000	\$ 496,000	\$ 392,500	\$ 2,184,500
CE2	Equipment Purchase and Replacement>5000	PD	282,000	137,000	110,500	169,000	95,000	793,500
CE3	Equipment Purchase and Replacement<5000	PD	36,200	48,600	69,600	29,600	15,600	199,600
CE4	Equipment Purchase and Replacement>5000	CS	12,250	48,250	29,000	-	-	89,500
CE5	Equipment Purchase and Replacement>5000	PW/T	31,000	-	-	62,000	46,000	139,000
CE6	Equipment Purchase and Replacement<5000	CS	7,300	6,550	9,750	7,800	8,300	39,700
CE7	Equipment Purchase and Replacement>5000	AACC	49,400	55,700	35,380	40,000	95,000	275,480
CE8	Equipment Purchase and Replacement>5000	CD	-	-	23,000	-	-	23,000
Totals			\$ 805,150	\$ 795,100	\$ 687,230	\$ 804,400	\$ 652,400	\$ 3,744,280

TABLE 2
 PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT
 PROJECTS SCHEDULED FOR 2016/17 - 2020/21
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	General Fund
CE1	Vehicle Purchase & Replacements	PD	\$ 2,184,500	\$ 2,184,500
CE2	Equipment Purchase and Replacement>5000	PD	793,500	793,500
CE3	Equipment Purchase and Replacement<5000	PD	199,600	199,600
CE4	Equipment Purchase and Replacement>5000	CS	89,500	89,500
CE5	Equipment Purchase and Replacement>5000	PW/T	139,000	139,000
CE6	Equipment Purchase and Replacement<5000	CS	39,700	39,700
CE7	Equipment Purchase and Replacement>5000	AACC	275,480	275,480
CE8	Equipment Purchase and Replacement>5000	CD	23,000	23,000
Totals			\$ 3,744,280	\$ 3,744,280

PROPOSED PROJECTS

1 - PD

Vehicle Purchase & Replacements

2016/17 \$387,000 2017/18 \$499,000 2018/19 \$410,000
 2019/20 \$496,000 2020/21 \$392,500

This project consists of purchasing police vehicles to accommodate new employee additions and establish a vehicle replacement program in the Police Department.

2016/17	Replace 11 Patrol Vehicles	\$352,000
	Replace Crime Prevention Van	35,000
2017/18	Replace 14 Patrol Vehicles	\$429,000
	Replace Crime Scene Van	35,000
	Replace K-9 Vehicles	35,000
2018/19	Replace 10 Patrol Vehicles	\$340,000
	Replace 2 Traffic Vehicles	70,000
2019/20	Replace 9 Patrol Vehicles	\$324,000
	Replace Crime Scene Van	38,000
	Replace Prisoner Van	40,000
	Replace Traffic Truck	35,000
	Replace K-9 Vehicles	35,000
	Replace Boat Trailer	12,000
	Replace Firearms Trailer	12,000
2020/21	Replace 10 Patrol Vehicles	\$380,000
	Replace Crime Prevention Trailer	12,500

2 - PD

Equipment Purchase and Replacement > \$5000

2016/17 \$282,000 2017/18 \$137,000 2018/19 \$110,500
 2019/20 \$169,000 2020/21 \$95,000

This project consists of purchasing equipment for the Police Department. The following is a breakdown of the items to be replaced:

2016/17	11 Vehicle Equipment	\$65,000
	Replace K-9	12,000
	Crime Prevention Van Equipment	5,000
	In Car Video Phase II	200,000

2017/18	13 Vehicle Equipment	\$82,000
	Replace Segway	10,000
	Crime Scene Equipment	8,000
	K-9 Vehicle Equipment	10,000
	Replace K-9	12,000
	Message Board	12,000
	Crime Prevention Van Equipment	3,000
2018/19	10 Vehicle Equipment	\$70,500
	Replace In-Car Video	25,000
	2 Traffic Vehicle Equipment	15,000
2019/20	9 Vehicle Equipment	\$63,500
	Traffic Vehicle Equipment	7,500
	Crime Scene Equipment	8,000
	K-9 Vehicle Equipment	10,000
	Replace 2 Marine Engines	30,000
	Prisoner Van Equipment	25,000
	Replace In-Car Video	15,000
	Dive Team Equipment	10,000
2020/21	10 Vehicle Equipment	\$70,000
	Replace In-Car Video	25,000

3 - PD		
Equipment Purchase and Replacement < \$5000		
2016/17	\$36,200	2017/18 \$48,600
2018/19	\$69,600	
2019/20	\$29,600	2020/21 \$15,600
2016/17	Replace 21 Ballistic Vests	\$27,300
	Replace 2 Bikes	3,500
	Replace Dive Team Equipment	2,400
	Replace Office Chairs	3,000
2017/18	Replace 11 Ballistic Vests	\$14,300
	AR Rifles & Accessories	13,200
	Repelling Gear	7,600
	10 Tasers	13,500
2018/19	Replace 14 Ballistic Vests	\$18,200
	2 Laser Units	4,000
	Replace Dive Team Equipment	2,400
	10 Swat Vests	30,000
	Replace Swat Rifles	15,000

2019/20	Replace 12 Ballistic Vests	\$15,600
	3 Glockes	2,000
	6 Tasers	8,000
	2 digital Cameras	4,000
2020/21	Replace 12 Ballistic Vests	\$15,600
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4 - CS		
Equipment Purchase and Replacement > \$5,000		
2016/17	\$12,250	2017/18 \$48,250
		2018/19 \$29,000
<p>This project consists of the replacement of equipment that has become inefficient, defective, or unusable and to add new equipment to provide improved services in the Community Services Department. The following is a breakdown of the items to be purchased:</p>		
2016/17	Replace 2 Treadmill	\$12,250
2017/18	1 Electric Low Speed Vehicles	14,250
	Replace Gym Curtains, Bleachers and Padding	34,000
2018/19	2 Electric Low Speed Vehicles	29,000
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5 – PW/T		
Equipment Purchase and Replacement > \$5,000		
2016/17	\$31,000	2019/20 \$62,000
		2020/21 \$46,000
<p>This project consists of the replacement of equipment that has become inefficient, defective, or unusable and to add new equipment to provide improved services in the Public Works/Transportation Department. The following is a breakdown of the items to be purchased:</p>		
2016/17	Replace Hybrid Utility Vehicle	31,000
2019/20	Replace 2 Hybrid Utility Vehicles	62,000
2020/21	Replace Pickup Truck	23,000
	Replace Sedan	23,000
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6 - CS		
Equipment Purchase and Replacement < \$5,000		
2016/17	\$7,300	2017/18 \$6,550
		2018/19 \$9,750

2019/20 \$7,800 2020/21 \$8,300

This project consists of the replacement of equipment that has become inefficient, defective, or unusable in the Community Recreation Center. The following is a breakdown of the items to be replaced:

2016/17	Replace 1 Recumbent Bicycle	2,500
	Replace Sports Fencing Panels	3,000
	Replace 2 Tents	1,800
2017/18	Replace Stair Climber	1,750
	Replace 2 Tents	1,800
	Replace Sports Fencing Panels	3,000
2018/19	Replace 10 Tables	1,750
	Replace 40 Chairs	3,000
	Replace 2 Soccer Goals	5,000
2019/20	Replace Leg Press	4,500
	Replace Dip Machine	3,300
2020/21	Replace Sports Fencing Panels	3,000
	Replace 2 Tents	1,800
	Replace Chest Press Machine	3,500

7 - AACC

Equipment Purchase and Replacement > \$5,000

2016/17 \$49,400 2017/18 \$55,700 2018/19 \$35,380

2019/20 \$40,000 2020/21 \$95,000

This project consists of purchasing equipment for the Arts & Cultural Center:

2016/17	ADA Listening Devices	\$2,200
	Seachangers for Stage Lighting	35,200
	Additional Wireless Lavalier Mics	12,000
2017/18	Replacement of Lobby Furniture	20,700
	Replacement of Projector	35,000
2018/19	Replacement of Music Stands	2,880
	Replacement of Stage Monitors	6,000
	Refinish Grand Piano	6,500
	Additional Outdoor Lighting	20,000
2019/20	Replace Cyclorama	\$5,000
	Replace Lighting Consoles	20,000

	Replace of Dance Floor	15,000
2020/21	Replacement of Clear Comm System	30,000
	Adiitional Moving Lights	20,000
	Replacement of Audio Console	45,000

8 - CD		
Equipment Purchase and Replacement > \$5,000		
2018/19 \$23,000		
<p>This project consists of the addition of equipment or the replacement of equipment that has become inefficient, defective, or unusable in the Community Development Department. The following is a breakdown of the items to be replaced:</p>		
2018/19	Pickup Truck	\$23,000

