



City of Aventura
Capital Improvement Program
2017/18 – 2021/22



CAPITAL IMPROVEMENT PROGRAM

2017/18 – 2021/22



CITY OF AVENTURA

CITY COMMISSION

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Commissioner Denise Landman
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Eric M. Soroka

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City of Aventura

Government Center
19200 West Country Club Drive
Aventura, Florida 33180

Office of the City Manager

June 2017

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, 2017 through September 30, 2022 and the proposed Capital Budget for the Fiscal period October 1, 2017 through September 30, 2018.

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 one 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 2016 to 2021. 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 (2021/22) 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 estimated cost and funding sources for the construction of the proposed Aventura Charter High School over the 2017-2019 fiscal years - \$12,000,000.
2. Added in 2021/22, replacing the pavilion roofs, playground pole padding and SplashPad water features at Founders Park - \$89,100.
3. Added in 2021/22 replacing the pavilion roof and 2 dugout roofs at Waterways Park - \$26,400.
4. Added in 2021/22 replacing the playground shade canopy and 2 shade structures at Veterans Park - \$28,600.
5. Added in 2021/22 resurfacing NE 188th Street, NE 183rd Street and NE 31st Street -\$641,000.
6. Added in 2017/18 an additional bike share station to be located at E. Country Club Drive/Mystic Point area- \$47,000.

The proposed 2017 – 2022 CIP includes 36 projects in five (5) functional categories with a total value of \$25,588,425. The following represents the percentage of total funding that each functional category has been allocated: Beautification & Parks Facilities (4%), Transportation, Drainage and Infrastructure Improvements (18%), Capital Equipment Purchase and Replacement (14%), Information/Communication Technology (16%) and Public Buildings and Facilities Improvements (48%).

Major emphasis was placed on the following projects:

Proposed Aventura Charter High School	\$12,000,000
Road Resurfacing	2,657,000
Park Improvements	995,750
Street Lighting Upgrades	980,000
Stormwater Drainage Improvements	770,000
Air Conditioning Unit Replacements	322,000

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 2017 - 2022 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
2017 – 2022
HIGHLIGHTS

- Construction and equipment for new \$12,000,000 Charter High School and Gym on NE 213th Street.
- Road maintenance projects that total \$2,657,000 to resurface asphalt and enhance safety are included 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, south portion of the hospital district and NE 188th Street, NE 183rd Street and NE 31st Street.
- Provides funding in the amount of \$980,000 to retrofit street lighting throughout the City with more energy efficient LED fixtures.
- Provides for improvements to Founders Park, Veterans Park, and Waterways Park, Don Soffer Exercise Trail and Waterways Dog Park in the amount of \$995,750 to address maintenance requirements.
- Adds a new additional bike share station at the E. Country Club Drive/Mystic Point area.
- Funds drainage improvements and upgrades to 10 stormwater outfall check valves to guard against rising sea levels. A total of \$770,000 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

2017 - 2022

TABLE OF CONTENTS

<u>INTRODUCTION</u>	<u>PAGE</u>
Purpose of the Capital Improvement Program	1
Legal Authority	2
Development of the Capital Improvement Program	2
Capital Improvement Program Policies	3
Preparing the Capital Budget	4
Locating a Specific Capital Project	4
Reading the Program Schedules	5
<u>OVERVIEW OF RECOMMENDED PROJECTS</u>	
Summary of Recommended Projects	7
Summary of Major Programs	7
Summary of Proposed Appropriations by Funding Source	8
Summary of Projects by Location and Year	9
<u>FUNDING PLAN</u>	
Introduction	11
Debt vs. Pay-As-You-Go Financing	11
Required Separation of Funding Sources	12
Summary of Financing Plan Model	13
Proposed Financing Plan General Fund	14
Proposed Financing Plan Transportation Fund	18
Proposed Financing Plan Stormwater Utility Fund	19

PROJECT DESCRIPTIONS AND FUNDING SCHEDULES

Beautification and Park Facilities Improvements	21
Transportation, Drainage and Infrastructure Improvements	30
Public Buildings and Facilities Improvements	37
Information/Communications Technology	42
Capital Equipment Purchases and Replacements	52



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 2017 - 2022. 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 2017 – 2022 CIP includes 36 projects in five (5) functional categories with a total value of \$25,588,425. The following represents the percentage of total funding that each functional category has been allocated: Beautification & Parks Facilities (4%), Transportation, Drainage and Infrastructure Improvements (18%), Capital Equipment Purchase and Replacement (14%), Information/Communication Technology (16%) and Public Buildings and Facilities Improvements (48%).

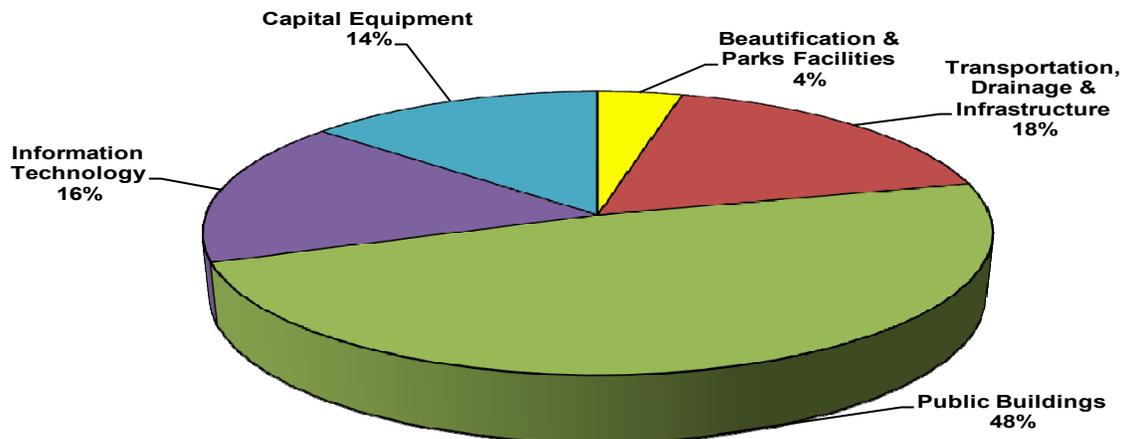
SUMMARY OF MAJOR PROGRAMS

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	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Beautification & Parks Facilities	\$ 246,500	\$ 214,850	\$ 62,500	\$ 308,050	\$ 163,850	\$ 995,750
Transportation, Drainage & Infrastructure	1,043,000	836,000	856,000	828,000	891,000	4,454,000
Public Buildings & Facilities	5,148,000	7,080,000	93,500	15,000	56,000	12,392,500
Information/Communication Technology	866,575	942,375	817,375	763,275	834,875	4,224,475
Capital Equipment	746,900	914,400	673,700	709,900	476,800	3,521,700
Totals	\$ 8,050,975	\$ 9,987,625	\$ 2,503,075	\$ 2,624,225	\$ 2,422,525	\$ 25,588,425

Capital Improvement Program
2017/18 - 2021/22
Summary By Function



SUMMARY OF PROPOSED APPROPRIATIONS BY FUNDING SOURCE

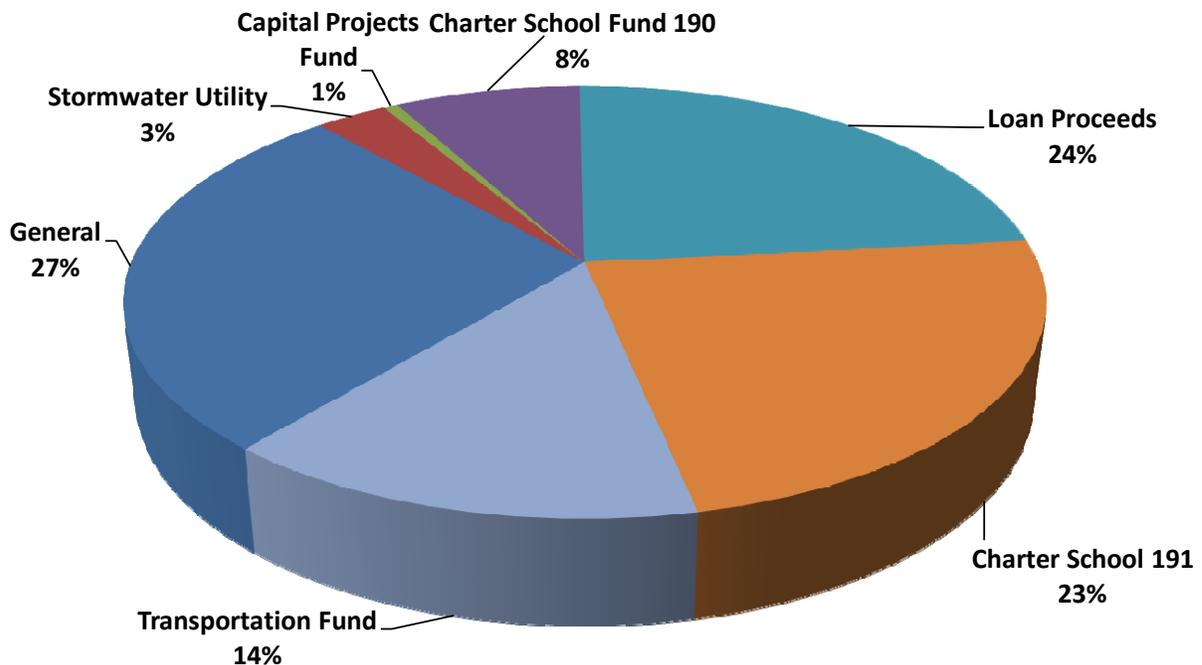
The following table reflects the distribution of all proposed projects to the funding source or mechanism, which is appropriate for funding the projects for each of the five (5) years of the program.

Table 2
Capital Improvement Program
2017/18 - 2021/22
Summary By Funding Source

Funding Source	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
General	\$ 1,500,975	\$ 1,753,625	\$ 1,196,575	\$ 1,461,825	\$ 1,070,525	\$ 6,983,525
Stormwater Utility	95,000	125,000	125,000	175,000	250,000	770,000
Capital Projects Fund	154,000	-	-	-	-	154,000
Loan Proceeds	5,000,000	1,000,000	-	-	-	6,000,000
Charter School 191	-	6,000,000	-	-	-	6,000,000
Charter School 190	353,000	398,000	450,500	334,400	461,000	1,996,900
Transportation Fund	948,000	711,000	731,000	653,000	641,000	3,684,000
	\$ 8,050,975	\$ 9,987,625	\$ 2,503,075	\$ 2,624,225	\$ 2,422,525	\$ 25,588,425

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
 2017/18- 2021/22
 Summary By Location

Location	Resurfacing Street Lighting Drainage Improvements	Park Improvements
Founders Park		2017 to 2021
Waterways Park		2019 to 2022
Veterans Park		2017 to 2021
Waterways Dog Park		2018 & 2021
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	
NE 188 th Street	2021/22	
NE 183 rd Street	2021/22	
NE 31 st Street	2021/22	



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 190
4. Charter School Fund 191
5. Capital Projects Fund

6. 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 five year amount of \$13,588,425 not including the Aventura Charter School Project.
2. Fund the estimated \$12,000,000 costs associated with the Aventura Charter School Project by utilizing \$6,000,000 from the General Fund Reserve and a \$6,000,000 Bank Loan. The cost of the new debt would have limited long term impact on the City’s finances, as the new debt service would be funded from a portion of the City’s Debt Service being paid off in 2019/20.
3. 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 2016/17 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

	2016/17	2017/18	2018/19	2019/20	2020/21	2020/21
CURRENT YEAR REVENUES AVAILABLE FOR GENERAL GOVERNMENT SERVICES						
AD VALOREM TAXES	\$16,254,804	\$16,571,893	\$17,897,644	\$18,613,550	\$ 19,358,092	\$20,132,416
FPL FRANCHISE FEES	1,825,000	1,825,000	1,861,500	1,898,730	1,936,705	1,975,439
FRANCHISE FEES	560,100	575,000	592,250	610,018	628,318	647,168
UTILITY TAXES	7,732,000	7,545,000	7,771,350	8,004,491	8,244,625	8,491,964
SECTION 185 PREMIUM TAX	318,000	325,000	318,000	318,000	318,000	318,000
CITY BUSINESS LICENSES TAX	945,000	975,000	984,750	994,598	1,004,543	1,014,589
BUILDING RELATED REVENUE	2,336,000	2,346,000	1,896,000	1,350,000	1,350,000	1,000,000
STATE SHARED REVENUES-UNRESTRICTED	770,650	795,320	819,180	843,755	869,068	895,140
HALF CENT SALES TAX	2,825,000	2,860,000	2,960,100	3,063,704	3,170,933	3,281,916
CHARGES FOR SERVICES	2,193,000	2,599,421	2,690,401	2,784,565	2,882,025	2,982,895
FINES AND FORFEITURES	1,054,000	1,079,000	1,111,370	1,144,711	1,179,052	1,214,424
MISC. REVENUES	280,000	290,000	280,000	280,000	280,000	280,000
COUNTY BUSINESS TAX	49,000	55,000	55,000	55,000	55,000	55,000
TOTAL AVAILABLE	\$37,142,554	\$37,841,634	\$39,237,545	\$39,961,120	\$41,276,361	\$42,288,950

NOTES TO ASSUMPTION OF PROJECTIONS

- (a) Ad Valorem Tax revenues are estimated to increase at 1.9% in 2017/18, and growth factor of 8% in 2018/19 and 4% in future years.
- (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 remain stable in 2017/18 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 2 to 3% per year after 2017/18.

TABLE 2

PROJECTION OF OPERATING EXPENDITURES FOR GENERAL GOVERNMENT SERVICES

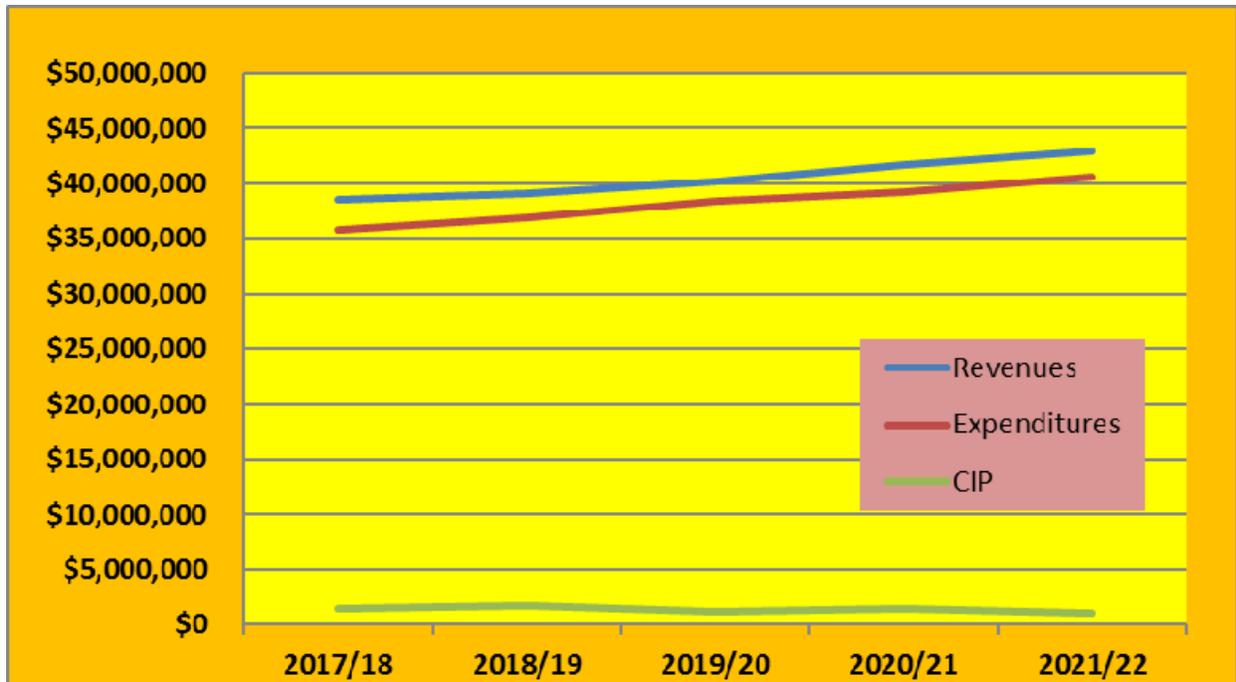
DEPARTMENT	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
City Commission	\$ 144,307	\$ 146,150	\$ 149,073	\$ 153,545	\$ 158,152	\$ 162,896
Office of the City Manager	729,895	746,865	776,740	807,809	840,122	873,726
Legal	305,000	305,000	305,000	305,000	305,000	305,000
City Clerk	319,568	307,197	357,557	375,435	401,715	449,835
Finance	1,024,635	1,059,843	1,112,835	1,168,477	1,226,901	1,288,246
Information Technology	1,084,598	1,122,810	1,173,336	1,232,003	1,293,603	1,358,284
Public Safety	18,563,269	19,442,439	20,220,137	21,028,942	21,870,100	22,744,904
Arts & Cultural Center	782,250	809,899	821,344	858,305	896,929	937,290
Community Development	2,571,182	2,579,139	2,442,015	2,095,726	2,125,297	2,055,756
Community Services	2,334,732	2,410,796	2,507,228	2,607,517	2,711,818	2,820,290
Public Works/Transportation	2,901,942	3,033,616	3,124,624	3,218,363	3,314,914	3,414,362
Non - Departmental	1,526,500	1,468,900	1,498,278	1,528,244	1,558,808	1,589,985
TOTAL PROJECTED OPERATING EXPENDITURES GENERAL GOVERNMENTAL SERVICES	\$ 32,287,878	\$ 33,432,654	\$ 34,488,168	\$ 35,379,366	\$ 36,703,358	\$ 38,000,574
TOTAL PROJECTED DEBT SERVICE REQUIREMENTS	2,208,590	2,058,255	2,054,667	2,563,953	2,043,042	2,043,042
TOTAL PROJECTED EXPENDITURES	\$ 34,496,468	\$ 35,490,909	\$ 36,542,835	\$ 37,943,319	\$ 38,746,400	\$ 40,043,616

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**

	2017/18	2018/19	2019/20	2020/21	2021/22
TOTAL PROJECTED AVAILABLE RESOURCES	\$37,841,634	\$39,237,545	\$39,961,120	\$41,276,361	\$42,288,950
PROJECTED OPERATING EXPENDITURES	33,432,654	34,488,168	35,379,366	36,703,358	38,000,574
DEBT SERVICE REQUIREMENTS	2,058,255	2,054,667	2,563,953	2,043,042	2,043,042
SUBTOTAL - EXPENDITURES	35,490,909	36,542,835	37,943,319	38,746,400	40,043,616
BALANCE AFTER OPERATING COSTS	2,350,725	2,694,710	2,017,801	2,529,961	2,245,334
LESS CIP APPROPRIATIONS	1,500,975	1,753,625	1,196,575	1,461,825	1,070,525
BALANCE	\$ 849,750	\$ 941,085	\$ 821,226	\$ 1,068,136	\$ 1,174,809



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

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
<u>REVENUES</u>						
LOCAL OPTION GAS TAX	\$ 516,000	\$ 527,000	\$ 540,175	\$ 553,679	\$ 567,521	\$ 544,000
INTEREST EARNINGS	2,000	2,000	2,000	2,000	2,000	2,000
STATE SHARED REVENUES-RESTRICTED	295,000	290,000	297,250	304,681	312,298	184,000
BIKESHARE REVENUES	-	40,000	40,000	40,000	40,000	40,000
CARRYOVER	3,293,908	1,778,125	1,632,125	1,707,140	1,744,028	1,838,508
COUNTY TRANSIT SYSTEM SURTAX	1,433,000	1,400,000	1,435,000	1,470,875	1,507,647	1,545,338
TOTAL REVENUES	\$ 5,539,908	\$ 4,037,125	\$ 3,946,550	\$ 4,078,376	\$ 4,173,495	\$ 4,153,846
<u>EXPENDITURES</u>						
Maintenance Operating Expenditures	\$ 613,527	\$ 640,000	\$ 672,000	\$ 705,600	\$ 740,880	\$ 777,924
Bikeshare Program Operating Expenditures	40,000	72,000	74,160	76,385	78,676	81,037
Transit Services	830,000	745,000	782,250	821,363	862,431	1,055,552
TOTAL EXPENDITURES	\$ 1,483,527	\$ 1,457,000	\$ 1,528,410	\$ 1,603,347	\$ 1,681,987	\$ 1,914,513
Total For Capital	4,056,381	2,580,125	2,418,140	2,475,028	2,491,508	2,239,333
<u>CAPITAL EXPENDITURES</u>						
Project Title	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Street Lighting	\$ 929,241	\$ 400,000	\$ 400,000	\$ 180,000	\$ -	\$ -
Transit System Improvements	267,349	-	-	-	-	-
Bikeshare Program	-	47,000	-	-	-	-
Transportation Improvements	-	-	-	-	-	-
Road Resurfacing Program	1,081,666	501,000	311,000	551,000	653,000	641,000
TOTAL CAPITAL EXPENDITURES	\$ 2,278,256	\$ 948,000	\$ 711,000	\$ 731,000	\$ 653,000	\$ 641,000

**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 \$770,000 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 \$3.50 for 2016/17.

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

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Revenues:						
Stormwater Utility Billings (1)	\$1,240,804	\$1,278,000	\$1,303,560	\$1,329,631	\$1,356,224	\$1,383,348
State Grant	-	-	-	-	-	-
Interest	1,000	7,500	7,500	7,500	7,500	7,500
Carry Over of Surplus	2,265,033	-	540,500	1,050,560	1,559,651	2,017,213
	<u>\$ 3,506,837</u>	<u>\$ 1,285,500</u>	<u>\$ 1,851,560</u>	<u>\$ 2,387,691</u>	<u>\$ 2,923,375</u>	<u>\$ 3,408,062</u>
Operating Expenses: (2)	601,802	650,000	676,000	703,040	731,162	760,408
Available for CIP & Debt Service	<u>\$ 2,905,035</u>	<u>\$ 635,500</u>	<u>\$ 1,175,560</u>	<u>\$ 1,684,651</u>	<u>\$ 2,192,213</u>	<u>\$ 2,647,654</u>
Annual CIP Expenditures:	<u>2,536,887</u>	<u>95,000</u>	<u>125,000</u>	<u>125,000</u>	<u>175,000</u>	<u>250,000</u>
Annual Surplus/(Deficit):	<u>\$ 368,148</u>	<u>\$ 540,500</u>	<u>\$ 1,050,560</u>	<u>\$ 1,559,651</u>	<u>\$ 2,017,213</u>	<u>\$ 2,397,654</u>

NOTES TO ASSUMPTION OF PROJECTIONS

- (1) Projected to increase by 2% annually.
- (2) Includes Operation and Maintenance, Engineering and Administration .
Projected to continue to grow at an annual rate of 4%.



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 six (6) projects in the CIP, which total \$995,750. 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 ensure 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.

Peace Park contains 1.5 acres and was dedicated to the City in 2013. The park was opened in 2016. Facilities and amenities include: children's playground, adult exercise equipment; open playfield area; playground facilities; walkways and landscaping with shade trees.

Prior Accomplishments

The following projects have been completed or are scheduled for completion as of the 2016/17 fiscal year:

<u>Project Title</u>	<u>Year</u>
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 2016/17
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
	2016/17
Peace Park Design	2014/15
Peace 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	Peace 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>

TABLE 1
 PROPOSED BEAUTIFICATION AND PARK FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2017/18	2018/19	2019/20	2020/21	2021/22	Total
BP1	Founders Park Improvements	CS	\$ 72,500	\$ 185,000	\$ 35,000	\$ 50,000	\$ 89,100	\$ 431,600
BP2	Waterways Park Improvements	CS	-	-	6,900	248,050	26,400	281,350
BP3	Veterans Park Improvements	CS	154,000	5,500	-	-	28,600	188,100
BP4	Waterways Dog Park Improvements	CS		4,000	-	-	9,750	13,750
BP5	Exercise Trail Improvements	PW/T	10,400	10,600	10,800	-	-	31,800
BP6	City-wide Beautification Improvements	PW/T	9,600	9,750	9,800	10,000	10,000	49,150
Totals			\$ 246,500	\$ 214,850	\$ 62,500	\$ 308,050	\$ 163,850	\$ 995,750

TABLE 2
 PROPOSED BEAUTIFICATION AND PARK FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	General Fund	Capital Projects Fund
BP1	Founders Park Improvements	CS	\$ 431,600	\$ 431,600	\$ -
BP2	Waterways Park Improvements	CS	281,350	281,350	-
BP3	Veterans Park Improvements	CS	188,100	34,100	154,000
BP4	Waterways Dog Park Improvements	CS	13,750	13,750	-
BP5	Exercise Trail Improvements	PW/T	31,800	31,800	-
BP6	City-wide Beautification Improvements	PW/T	49,150	49,150	-
Totals			\$ 995,750	\$ 841,750	\$ 154,000

PROPOSED PROJECTS

1 – CS

Founders Park Improvements

2017/18 \$72,500 2018/19 \$185,000 2019/20 \$35,000
 2020/21 \$50,000 2021/22 \$89,100

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

2017/18	Replace SplashPad Water Features	43,000
	Replace Tennis Court Fencing	17,500
	Replace 2 Dugout Roofs	12,000
2018/19	Replace Sunpad Furniture	23,000
	Replace SplashPad Pumps	12,000
	Renovate 4 Restrooms	150,000
2019/20	Replace Benches and Trash Cans	15,000
	Replace SplashPad Water Features	20,000
2020/21	Replace SplashPad Surface	45,000
	Replace Tables and Chairs	5,000
2021/22	Replace SplashPad Water Features	40,000
	Replace 3 Pavillion Roofs	39,600
	Replace Playground Pole Padding	9,500

2-CS

Waterways Park Improvements

2019/20 \$6,900 2020/21 \$248,050 2021/22 \$26,400

This project consists of the following maintenance projects.

2019/20	Replace 2 Bleacher Shade Structures	6,900
2020/21	Replace Playground Equipment and Surfacing	230,000
	Replace Table and Chairs	5,000
	Replace Soccer Nets	6,000
	Replace Playground Pole Padding	7,050
2021/22	Replace Pavilion Roof	13,200
	Replace 2 Dugout Roofs	13,200

3-CS

Veterans Park Improvements

2017/18 \$154,000 2018/19 \$5,500 2021/22 \$28,600

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
	Replace Playground Pole Padding	4,000
2018/19	Replace Drinking Fountain	5,500
2021/22	Replace Playground Shade Canopy	17,600
	Replace 2 Shade Structures	11,000

4-CS

Waterways Dog Park Improvements

2018/19 \$4,000 2021/22 \$9,750

This project consists of the following maintenance projects.

2018/19	Replace Pole Padding	4,000
2021/22	Replace 2 Doggie Drinking Fountains	9,750

5 - 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

6 – PW/T

City-Wide Beautification Improvements

2017/18 \$9,600 2018/19 \$9,750 2019/20 \$9,800
 2020/21 \$10,000 2021/22 \$10,000

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

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	9,800
2020/21	Purchase Trash Cans and Benches	10,000
2021/22	Purchase Trash Cans and Benches	10,000

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 four (4) improvement projects in the Capital Improvement Program, which total \$4,454,000. 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 28 th Avenue
NE 28 th Place	NE 30 th Avenue
NE 29 th Avenue	NE 187 th Street
NE 29 th Place	NE 190 th Street
NE 34 th Avenue	NE 192 nd Street
NE 188 th Street	Aventura Boulevard
NE 191 st Street	North Country Club Drive
NE 193 rd Street	NE 205 th Street
West Country Club Drive	NE 207 th Street
East Country Club Drive	NE 208 th Terrace
NE 203 rd Street	NE 211 th Street
NE 206 th Street	NE 214 th Terrace
NE 208 th Street	NE 183 rd Street
NE 209 th Street	Turnberry Way
NE 213 th Street	NE 214 th Street
Yacht Club Drive	
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 2016/17 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	

TABLE 1
 PROPOSED TRANSPORTATION, DRAINAGE AND INFRASTRUCTURE IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2017/18	2018/19	2019/20	2020/21	2021/22	Total
TD11	Stomwater Drainage Improvements	PWT	\$ 95,000	\$ 125,000	\$ 125,000	\$ 175,000	\$ 250,000	\$ 770,000
TDI2	Road Resurfacing Program	PWT	501,000	311,000	551,000	653,000	641,000	2,657,000
TDI3	Bike Share Station Addition	PWT	47,000	-	-	-	-	47,000
TDI3	Street Lighting Improvements	PWT	400,000	400,000	180,000	-	-	980,000
Totals			\$ 1,043,000	\$ 836,000	\$ 856,000	\$ 828,000	\$ 891,000	\$ 4,454,000

TABLE 2
 PROPOSED TRANSPORTATION, DRAINAGE AND INFRASTRUCTURE IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	Stormwater Utility Fund	General Transportation Fund
TD11	Stomwater Drainage Improvements	PWT	\$ 770,000	\$ 770,000	\$ -
TDI2	Road Resurfacing Program	PWT	2,657,000	-	2,657,000
TDI3	Bike Share Station Addition	PWT	47,000	-	47,000
TDI3	Street Lighting Improvements	PWT	980,000	-	980,000
Totals			\$ 4,454,000	\$ 770,000	\$ 3,684,000

PROPOSED PROJECTS

1-PW/T

Stormwater Drainage Improvements

2017/18 \$95,000	2018/19 \$125,000	2019/20 \$125,000
2020/21 \$175,000	2021/22 \$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.

2017/18	Replace Country Club Drive Pump Station	95,000
2018/19	2 Stormwater Outflow Check Valves	125,000
2019/20	2 Stormwater Outflow Check Valves	125,000
2020/21	2 Stormwater Outflow Check Valves NE 209 th Street	125,000 50,000
2021/22	4 Stormwater Outflow Check Valves	250,000

2-PW/T

Road Resurfacing Program

2017/18 \$501,000	2018/19 \$311,000	2019/20 \$551,000
2020/21 \$653,000	2021/22 \$641,000	

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

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

2021/22	NE 188 th Street	310,000
	NE 183 rd Street	290,000
	NE 31 st Street	41,000

3-PW/T Bike Share Station 2017/18 \$47,000		
This project involves adding an additional bike share station at E. Country Club Drive/Mystic Point area.		

4-PW/T Streetlight Improvements 2017/18 \$400,000 2018/19 \$400,000 2019/20 \$180,000		
2017/18	Retrofit Street Lighting with LED fixtures	400,000
2018/19	Retrofit Street Lighting with LED fixtures	400,000
2019/20	Retrofit Median Lighting with LED fixtures	180,000

Funding:

General Fund	\$230,500
Charter School Fund 190	162,000
Charter School fund 191 transfer form General Fund Reserve	6,000,000
Bank Loan	6,000,000

TABLE 1
 PROPOSED PUBLIC BUILDING AND FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2017/18- 2021/22
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2017/18	2018/19	2019/20	2020/21	2021/22	Total
PBF1	Aventura Charter High School Construction	CS	\$ 5,000,000	\$ 7,000,000	-	\$ -	-	\$ 12,000,000
PBF2	HVAC Replacements	PW/T	114,000	80,000	57,000	15,000	56,000	322,000
PBF3	Community Recreation Center Improvements	CS	34,000	-	13,500	-	-	47,500
PBF4	AACC Improvements	AACC	-	-	23,000	-	-	23,000
Totals			\$ 5,148,000	\$ 7,080,000	\$ 93,500	\$ 15,000	\$ 56,000	\$ 12,392,500

TABLE 2
 PROPOSED PUBLIC BUILDING AND FACILITIES IMPROVEMENTS
 PROJECTS SCHEDULED FOR 2017/18- 2021/22
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	Charter Fund 191	Charter Fund 190	General Fund	Bank Loan
PBF1	Aventura Charter High School Construction	CS	\$12,000,000	\$ 6,000,000			\$ 6,000,000
PBF2	HVAC Replacements	PW/T	\$ 322,000		\$ 162,000	\$ 160,000	
PBF3	Community Recreation Center Improvements	CS	47,500		-	47,500	
PBF4	AACC Improvements	AACC	23,000		-	23,000	
Totals			\$12,392,500	\$ 6,000,000	\$ 162,000	\$ 230,500	\$ 6,000,000

PROPOSED PROJECTS

1 – CS

Aventura Charter High School Construction

2017/18 \$5,000,000 2018/19 7,000,000

This project consists of constructing a four-story Charter school on NE 213th Street adjacent to Waterways Park along with a Gym to accommodate 800 students at full capacity. Project includes furniture and equipment.

2 – PW/T

HVAC Replacements

2017/18 \$114,000 2018/19 \$80,000 2019/20 \$57,000

2020/21 \$15,000 2021/22 \$56,000

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

2017/18	Replace HVACs at ACES	\$62,000
	Replace HVACs at Community Recreation Center	36,000
	Replace Smoke Evacuation Fans at Government Center	16,000
2018/19	Replace air Handler at Government Center	\$16,000
	Replace HVACs at ACES	46,000
	Replace Smoke Evacuation Fans at Government Center	18,000
2019/20	Replace 17.5 ton HVAC at ACES	\$25,000
	Replace 30 ton HVAC at ACES	32,000
2020/21	Replace 3 ton HVAC at Government Center	\$15,000
2021/22	Replace 17.5 ton HVAC at ACES	\$28,000
	Replace 20 ton HVAC at ACES	28,000

3 – CS

Community Recreation Center Improvements

2017/18 \$34,000 2019/20 \$13,500

2017/18 Replace Gym Bleachers, Wall Padding and Curtain.

2019/20 Replace Gym Lighting with LED Lights

4 – 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 \$4,224,475.

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 \$4,224,475

Funding:

General Fund	\$2,400,575
Charter School Fund	1,823,900

TABLE 1
 PROPOSED COMMUNICATIONS AND COMPUTERS EQUIPMENT
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2017/18	2018/19	2019/20	2020/21	2021/22	Total
ICT1	Police Computers Systems<\$5000	PD	\$ 205,375	\$ 175,375	\$ 111,375	\$ 130,375	\$ 136,375	\$ 758,875
ICT2	Central Computer System>\$5000	IT	240,000	210,000	255,000	240,000	255,000	1,200,000
ICT3	Radios	PD	35,200	172,000	20,000	32,000	10,000	269,200
ICT4	Computer Equipment<\$5000	ACES	237,000	242,000	261,000	232,400	272,000	1,244,400
ICT5	Computer Equipment>\$5000	ACES	102,000	110,000	132,500	102,000	133,000	579,500
ICT6	Computer Equipment<\$5000	IT	6,000	6,000	6,000	6,000	6,000	30,000
ICT7	Computer Equipment<\$5000	F	3,000	3,000	5,000	2,000	3,000	16,000
ICT8	Computer Equipment<\$5000	CM	2,000	-	-	-	-	2,000
ICT9	Computer Equipment<\$5000	PW/T	6,000	8,000	2,000	2,000	2,000	20,000
ICT10	Computer Equipment<\$5000	CS	17,000	5,500	8,000	9,000	6,000	45,500
ICT11	Computer Equipment<\$5000	CD	4,000	4,500	3,500	4,500	3,500	20,000
ICT12	Computer Equipment<\$5000	AACC	6,000	5,000	11,000	2,000	6,000	30,000
ICT13	Computer Equipment<\$5000	CC	3,000	1,000	2,000	1,000	2,000	9,000
Totals			\$ 866,575	\$ 942,375	\$ 817,375	\$ 763,275	\$ 834,875	\$ 4,224,475

TABLE 2
 PROPOSED COMMUNICATIONS AND COMPUTERS EQUIPMENT
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	General Fund	Charter School Fund
ICT1	Police Computers Systems<\$5000	PD	\$ 758,875	\$ 758,875	-
ICT2	Central Computer System>\$5000	IT	1,200,000	1,200,000	-
ICT3	Radios and E911 System	PD	269,200	269,200	-
ICT4	Computer Equipment<\$5000	ACES	1,244,400	-	1,244,400
ICT5	Computer Equipment>\$5000	ACES	579,500	-	579,500
ICT6	Computer Equipment<\$5000	IT	30,000	30,000	-
ICT7	Computer Equipment<\$5000	F	16,000	16,000	-
ICT8	Computer Equipment<\$5000	CM	2,000	2,000	-
ICT9	Computer Equipment<\$5000	PW/T	20,000	20,000	-
ICT10	Computer Equipment<\$5000	CS	45,500	45,500	-
ICT11	Computer Equipment<\$5000	CD	20,000	20,000	-
ICT12	Computer Equipment<\$5000	AACC	30,000	30,000	-
ICT13	Computer Equipment<\$5000	CC	9,000	9,000	-
Totals			\$ 4,224,475	\$ 2,400,575	\$ 1,823,900

PROPOSED PROJECTS

1 - PD

Police Computers Systems < \$5000

2017/18 \$205,375 2018/19 \$175,375 2019/20 \$111,375

2020/21 \$130,375 2021/22 \$136,375

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

2017/18	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	40 Vehicle Modems	56,000
	Replace Server	7,000
	15 Vehicle Printers	7,875
	Desktop Scanners	4,000
	Laser Printer	1,500
	Replace Smart Board	10,000
	Key Track System	40,000
2018/19	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	Vehicle Modems	56,000
	Replace Server	7,000
	15 Vehicle Printers	7,875
	Desktop Scanners	4,000
	Replace 2 Smart Board	10,000
	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	7,000
	15 Vehicle Printers	7,875
	Desktop Scanners	2,000
	2 Laser Printer	1,500
2020/21	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	10 Vehicle Modems	14,000

	Replace 1 Server	7,000
	15 Vehicle Printers	7,875
	Desktop Scanners	2,000
	Laser Printer	1,500
	Replace In-Car Video Server	15,000
	Laptop-Ruggized	4,000
2021/22	Upgrades	\$ 5,000
	Replace 25 Mobile Laptops	50,000
	20 Desktop Computers	24,000
	10 Vehicle Modems	14,000
	Replace 1 Server	7,000
	15 Vehicle Printers	7,875
	Desktop Scanners	3,000
	Laser Printer	1,500
	EOC Desktop Computers	12,000
	Laptop-Ruggized	4,000
	Replace Smartboard	8,000

2 - IT		
Central Management Information System > \$5000		
2017/18	\$240,000	2018/19 \$210,000
		2019/20 \$255,000
2020/21	\$240,000	2021/22 \$255,000
<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>		
2017/18	Software/Licenses/Upgrades	\$25,000
	Servers/ Security/UPS/Switches	105,000
	AS 400 Upgrades	30,000
	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
2021/22	Software/Licenses/Upgrades	\$20,000
	Servers/ Security/UPS/Switches	100,000
	AS 400 Upgrades	5,000
	Upgrade Phone System	10,000
	TVMS Equipment Upgrades	100,000
	Security Cameras/Recorders	20,000
<hr/>		
3 - PD		
Radios		
2017/18	\$35,200	2018/19 \$172,000 2019/20 \$20,000
2020/21	\$32,000	2021/22 \$10,000
<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>		
2017/18	8 Replacement Mobile Radios	35,200
2018/19	5 Mobile Radios	22,000
	System Console Upgrade	150,000
2019/20	4 Mobile Radios	20,000
2020/21	8 Mobile Radios	32,000
2016/17	2 Mobile Radios	10,000
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4 - ACES		
Computer Equipment < \$5,000		
2017/18	\$237,000	2018/19 \$242,000 2019/20 \$261,000
2020/21	\$232,400	2021/22 \$272,000

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

2017/18	Replace 155 Laptops/Computers	115,000
	Add 30 New Laptops	30,000
	Mobile Learning Computer Labs	24,000
	150 Tablet Computers	63,000
	Replace Security Cameras	5,000
2018/19	Replace 150 Laptops/Computers	150,000
	150 Tablet Computers	63,000
	Mobile Learning Computer Lab	18,000
	Replace Desktop Scanner	1,000
	Replace Security Cameras	10,000
2019/20	Replace 165 Laptops/Computers	165,000
	150 Tablet Computers	63,000
	Mobile Learning Computer Lab	21,000
	Replace Color Laser Printer	2,000
	Replace Security Cameras	10,000
2020/21	Replace 150 Laptops/Computers	150,000
	120 Tablet Computers	50,400
	Mobile Learning Computer Lab	21,000
	Replace Desktop Scanner	1,000
	Replace Security Cameras	10,000
2021/22	Replace 170 Laptops/Computers	170,000
	150 Tablet Computers	63,000
	Mobile Learning Computer Lab	27,000
	Replace Color Laser Printer	2,000
	Replace Security Cameras	10,000

5 - ACES

Computer Equipment > \$5000

2017/18 \$102,000 2018/19 \$110,000 2019/20 \$132,500

2020/21 \$102,000 2021/22 \$133,000

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

2017/18	Replace Network Switches and Routers	45,000
	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	25,000
	Replace 2 Servers	12,000
	Replace AV equipment and/or Smart boards	65,000
2021/22	Replace Network Switches and Routers	50,000
	Replace 3 Servers	18,000
	Replace AV equipment and/or Smart boards	65,000

6 - IT		
Computer Equipment < \$5000		
2017/18 \$6,000	2018/19 \$6,000	2019/20 \$6,000
2020/21 \$6,000	2021/22 \$6,000	
<p>This project includes the replacement of existing equipment for the various employees of the department.</p>		

7 - F		
Computer Equipment < \$5000		
2017/18 \$3,000	2018/19 \$3,000	2019/20 \$5,000
2020/21 \$2,000	2021/22 \$3,000	
<p>This project includes the replacement of existing equipment for the various employees of the department.</p>		

8 - CM		
Computer Equipment < \$5000		
2017/18 \$2,000		
<p>This project consists of upgrading computer equipment in the Office of the City Manager.</p>		

9 - PW/T		
Computer Equipment < \$5000		
2017/18 \$6,000	2018/19 \$8,000	2019/20 \$2,000
2020/21 \$2,000	2021/22 \$2,000	

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

2017/18	Replace 1 Computers	\$1,000
	Replace HVAC Computer	4,000
	Upgrade GIS Software	1,000
2018/19	1 Computer	\$1,000
	Replace 1 Plotter	6,000
	Upgrade GIS Software	1,000
2019/20	1 Computer	\$1,000
	Upgrade GIS Software	1,000
2020/21	Replace 1 Computers	\$1,000
	Upgrade GIS Software	1,000
2021/22	Replace 1 Computers	\$1,000
	Upgrade GIS Software	1,000

10 - CS

Computer Equipment < \$5000

2017/18 \$17,000	2018/19 \$5,500	2019/20 \$8,000
2020/21 \$9,000	2021/22 \$6,000	

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

2017/18	Replace 5 Computers	\$5,000
	Replace 1 ID Printer	4,000
	Kiosk for CRC Registration	8,000
2018/19	Replace 4 Computers	\$4,000
	Replace 1 Laptop	1,500
2019/20	Replace 4 Computers	\$4,000
	Replace 1 ID Printer	4,000
2020/21	Replace 5 Computers	\$5,000
	Replace 1 ID Printer	4,000
2021/22	Replace 4 Computers	\$4,000
	Replace Scanner	1,000
	Replace Large Format Printer	1,000

11 - CD

Computer Equipment < \$5000

2017/18 \$4,000	2018/19 \$4,500	2019/20 \$3,500
2020/21 \$4,500	2021/22 \$3,500	

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.

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
2021/22	Replace 3 Computers	\$3,000
	Replace 1 Laserjet Printer	500

12 - AACC

Computer Equipment < \$5000

2017/18 \$6,000	2018/19 \$5,000	2019/20 \$11,000
2020/21 \$2,000	2021/22 \$6,000	

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

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

2021/22	Replace 4 Computers	4,000
	Replace Network Switches	2,000
<hr/>		
13 - CC		
Computer Equipment < \$5000		
2017/18 \$3,000	2018/19 \$1,000	2019/20 \$2,000
2020/21 \$1,000	2021/22 \$2,000	
<p>This project consists of upgrading and replacing computer equipment in the City Clerk's Office.</p>		

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 9 projects totaling \$3,521,700.

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.
- 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 2017/18 to 2021/22 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: Total Category Budget \$3,521,700

Funding:

General Fund	\$3,507,700
Charter School Fund	14,000

TABLE 1
 PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 SUMMARY BY YEAR

CIP #	Project Title	Dept. #	2017/18	2018/19	2019/20	2020/21	2021/22	Total
CE1	Vehicle Purchase & Replacements	PD	\$ 410,000	\$ 535,000	\$ 458,000	\$ 430,500	\$ 187,000	\$ 2,020,500
CE2	Equipment Purchase and Replacement>5000	PD	106,000	137,500	124,500	143,000	109,000	620,000
CE3	Equipment Purchase and Replacement<5000	PD	73,800	77,700	29,600	15,600	15,600	212,300
CE4	Equipment Purchase and Replacement>5000	CS	40,850	51,200	15,100	16,800	26,200	150,150
CE5	Equipment Purchase and Replacement>5000	PW/T	28,000	30,000	-	-	60,000	118,000
CE6	Equipment Purchase and Replacement<5000	CS	16,050	15,000	6,500	2,000	7,500	47,050
CE7	Equipment Purchase and Replacement>5000	AACC	58,200	43,000	40,000	102,000	71,500	314,700
CE8	Equipment Purchase and Replacement>5000	CD	-	25,000	-	-	-	25,000
CE9	Equipment Purchase and Replacement>5000	ACES	14,000	-	-	-	-	14,000
Totals			\$ 746,900	\$ 914,400	\$ 673,700	\$ 709,900	\$ 476,800	\$ 3,521,700

TABLE 2
 PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT
 PROJECTS SCHEDULED FOR 2017/18 - 2021/22
 FUNDING PLAN

CIP #	Project Title	Dept. #	Total	General Fund	Charter School Fund
CE1	Vehicle Purchase & Replacements	PD	\$ 2,020,500	\$ 2,020,500	
CE2	Equipment Purchase and Replacement>5000	PD	620,000	620,000	
CE3	Equipment Purchase and Replacement<5000	PD	212,300	212,300	
CE4	Equipment Purchase and Replacement>5000	CS	150,150	150,150	
CE5	Equipment Purchase and Replacement>5000	PW/T	118,000	118,000	
CE6	Equipment Purchase and Replacement<5000	CS	47,050	47,050	
CE7	Equipment Purchase and Replacement>5000	AACC	314,700	314,700	
CE8	Equipment Purchase and Replacement>5000	CD	25,000	25,000	
CE9	Equipment Purchase and Replacement>5000	ACES	14,000	-	14,000
Totals			\$ 3,521,700	\$ 3,507,700	\$ 14,000

PROPOSED PROJECTS

1 - PD

Vehicle Purchase & Replacements

2017/18 \$410,000 2018/19 \$535,000 2019/20 \$458,000
 2020/21 \$430,500 2021/22 \$187,000

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

2017/18	Replace 13 Patrol Vehicles	\$410,000
2018/19	Replace 10 Patrol Vehicles	\$340,000
	Replace 2 Traffic Vehicles	70,000
	Replace K-9 Vehicles	35,000
	Replace Crime Scene Van	35,000
	Replace Fleet Truck	25,000
	Replace Crime Prevention Van	30,000
2019/20	Replace 9 Patrol Vehicles	\$324,000
	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
	Replace Crime Scene Van	38,000
2021/22	Replace 4 Patrol Vehicles	\$152,000
	Replace Marine Patrol Truck	35,000

2 - PD

Equipment Purchase and Replacement > \$5000

2017/18 \$106,000 2018/19 \$137,500 2019/20 \$124,500
 2020/21 \$143,000 2021/22 \$109,000

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

2017/18	13 Vehicle Equipment	\$80,000
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	Replace Segway	10,000
	Message Board	13,000
	Trailer Build-Out	3,000
2018/19	10 Vehicle Equipment	\$61,500
	Replace In-Car Video	25,000
	2 Traffic Vehicle Equipment	15,000
	Crime Scene Equipment	8,000
	K-9 Vehicle Equipment	10,000
	Replace K-9	15,000
	Crime Prevention Van Equipment	3,000
2019/20	9 Vehicle Equipment	\$57,000
	Traffic Vehicle Equipment	7,500
	K-9 Vehicle Equipment	10,000
	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
	Crime Scene Equipment	8,000
	Replace 2 Marine Engines	40,000
2021/22	4 Vehicle Equipment	\$28,000
	Replace Marine Patrol Truck Equipment	6,000
	Replace Boat Engines	60,000
	Replace In-Car Video	15,000
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3 - PD		
Equipment Purchase and Replacement < \$5000		
2017/18	\$73,800	2018/19 \$77,700
2019/20	\$29,600	2020/21 \$15,600
2021/22	\$15,600	
2017/18	Replace 13 Ballistic Vests	\$13,000
	AR Rifles & Accessories	13,200
	Repelling Gear	7,600
	10 Tasers	13,500
	Equipment for New Employees	13,000
	Portable License Plate Readers	2,100
	Camera	4,000
	Mounted Arrow Boards	2,700
	Mounted Radar Unit	2,200

	1 Laser Unit	2,500
2018/19	Replace 16 Ballistic Vests	\$17,600
	2 Laser Units	4,000
	Replace Dive Team Equipment	2,400
	10 Swat Vests	30,000
	Replace Swat Rifles	13,500
	Equipment for New Employees	3,000
	Replace 12 SWAT Handguns	7,200
2019/20	Replace 12 Ballistic Vests	\$15,600
	3 Glocks	2,000
	6 Tasers	8,000
	2 digital Cameras	4,000
2020/21	Replace 12 Ballistic Vests	\$15,600
2021/22	Replace 12 Ballistic Vests	\$15,600

4 - CS		
Equipment Purchase and Replacement > \$5,000		
2017/18	\$40,850	2018/19 \$51,200
2019/20	\$15,100	
2020/21	\$16,800	2021/22 \$26,200
<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>		
2017/18	Purchase 1 Pickup Truck	\$25,000
	Repair Partition Wall at CRC	7,450
	Replace 2 Strength Machines at CRC	8,400
2018/19	2 Electric Low Speed Vehicles	\$29,000
	Replace 2 Treadmills at CRC	13,000
	Replace 2 Strength Machines at CRC	9,200
2019/20	Replace 2 Treadmills at CRC	\$6,500
	Replace 2 Strength Machines at CRC	8,600
2020/21	Replace 2 Recumbent Bikes at CRC	\$6,000
	Replace 2 Strength Machines at CRC	10,800
2021/22	Replace 2 Ellipticals at CRC	\$11,000
	Replace 2 Strength Machines at CRC	9,200

	Replace Soccer Goals	6,000

5 – PW/T		
Equipment Purchase and Replacement > \$5,000		
2017/18	\$28,000	2018/19 \$30,000 2021/22 \$60,000
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:		
2017/18	Replace Hybrid Utility Vehicle	\$28,000
2018/19	Replace Hybrid Utility Vehicle	\$30,000
2021/22	Replace Pickup Truck	\$30,000
	Replace Sedan	30,000

6 - CS		
Equipment Purchase and Replacement < \$5,000		
2017/18	\$16,050	2018/19 \$15,000 2019/20 \$6,500
2020/21	\$2,000	2021/22 \$7,500
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:		
2017/18	Replace Stair Climber	\$1,750
	Replace 2 Tents	2,000
	Replace Shade Structure at CRC	4,900
	Replace Lobby Benches at CRC	2,400
	Replace Drinking Fountains at CRC	5,000
2018/19	Replace 10 Tables	\$2,400
	Replace 40 Chairs and 3 Carts	4,700
	Replace 2 Soccer Goals	4,900
	Replace 3 Tents	3,000
2019/20	Replace Sports Fencing Panels	\$3,500
	Replace 3 Tents	3,000
2020/21	Replace 2 Tents	\$2,000
2021/22	Replace 4 Tents	\$4,000

Replace Sports Fencing Panels 3,500

7 - AACC

Equipment Purchase and Replacement > \$5,000

2017/18 \$58,200 2018/19 \$43,000 2019/20 \$40,000

2020/21 \$102,000 2021/22 \$71,500

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

2017/18	Replace Lobby, & Patio Furniture	\$14,200
	Replace Green Room Furniture	3,500
	Replace Dressing Room Chairs	3,000
	Ground Row Strips	26,400
	Wireless microphones	8,600
	Wireless Vdideo Transmitter and Camera	2,500
2018/19	Replace Radios	\$3,500
	Replace Stage Monitors	6,000
	Refinish Grand Piano	6,500
	Additional Outdoor Lighting	20,000
	Replace ALD Listening System	2,000
	Replace Cyclorama	5,000
2019/20	Replace Scrim	\$5,000
	Replace Lighting Consoles	20,000
	Replace of Dance Floor	15,000
2020/21	Replace Clear Comm System	\$30,000
	Additional Moving Lights	20,000
	Replace Audio Console	45,000
	Replace ALD Listening System	7,000
2021/22	Replace Lobby Furniture	\$10,000
	Replace Projector	30,000
	Replace Green Room Furniture	3,500
	Replace Microphones	8,000
	Replace borders	20,000

8 - CD

Equipment Purchase and Replacement > \$5,000

2018/19 \$25,000

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:

2018/19 Pickup Truck \$25,000

9 – ACES
Equipment Purchase and Replacement > \$5,000
2017/18 \$14,000

This project consists of the replacement classroom desks

2017/18 ACES Classroom Furniture \$14,000

