



CITY OF AVENTURA

Capital Improvement Program

2018/19 - 2022/23



CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23



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City of Aventura

Government Center
19200 West Country Club Drive
Aventura, Florida 33180

Office of the City Manager

July 10, 2018

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, 2018 through September 30, 2023 and the proposed Capital Budget for the Fiscal period October 1, 2018 through September 30, 2019.

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 both the infrastructure needs and 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 two (22) years since the City's incorporation. This document represents an update of the CIP that was originally prepared for the five-year cycle of 2017/18 to 2021/22. The update process is important for the CIP to become a continuing and ongoing planning/implementation process. The last four (4) years of last year's program were re-evaluated in light of unanticipated needs, cost revisions, new project priorities and the City's financial condition. In addition, the CIP was updated to add new projects in the fifth (5th) year (FY 2022/23) 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 information represents the significant revisions or modifications to the projected CIP as compared to the prior year's CIP document:

- Beautification and Park Facility Improvement Projects
 - Added \$1.6M to complete a drainage and turf project at Waterways Park in FY 2019/20 that is contingent on the issuance of a Miami-Dade County Park Bond.
 - Added \$490,000 to replace playground equipment at Founders Park in FY 2022/23.
- Transportation System Improvement Projects
 - Added \$750,000 worth of Road Resurfacing Program cost to add Country Club Drive to the resurfacing schedule in FY 2022/23.
 - Added \$140,000 for two (2) new flashing pedestrian crossing signs.
 - Added \$250,000 for school crossing flashers at ACHS.
 - Provided \$25,500 in funding to replace bicycles utilized by the Bike Share Program.

- Drainage System Improvement Projects
 - Provided an additional \$455,000 in funding for various stormwater drainage improvements in FYs 2018/19 – 2022/23.
- Public Buildings and Facility Improvement Projects
 - Added \$100,000 in Police Department Improvements in FY 2020/21 to replace the console panels in the Communications Center.
 - Added approximately \$250,000 in Community Recreation Center Improvements in FYs 2018/19 – 2020/21 primarily for security enhancements and restroom renovations.
 - Added \$237,000 in Government Center Improvements in FYs 2019/20 – 2022/23, including roofing repairs (\$170,000) and to replace the carpet in the Commission Chambers at the Government Center (\$50,000).
- Capital Equipment Purchase and Replacement Projects
 - Added \$187,500 for classroom furniture at ACHS in FY 2019/20.

The proposed 2018/19 – 2022/23 CIP includes 40 projects in six (6) functional categories with a total value of \$18,801,635. The following represents the percentage of total funding that each functional category has been allocated:

- Beautification and Park Facility Improvement Projects (16%)
- Transportation System Improvement Projects (22%)
- Drainage System Improvement Projects (7%)
- Public Building and Facility Improvement Projects (7%)
- Information Technology Improvement Projects (27%)
- Capital Equipment Purchase & Replacement Projects (21%)

Major emphasis was placed on the following projects:

- Park Improvements (\$2,953,800)
- Road Resurfacing (\$2,906,000)
- Streetlight Improvements (\$610,000)
- Transportation System Improvements (\$660,000)
- Stormwater Drainage Improvements (\$1,225,000)
- Air Conditioning Unit Replacements (\$221,000)

It should be noted that the City and the 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 William Lehman Causeway. This project was not included in this document, as a traffic operations analysis, design plans and construction drawings will need to be prepared by the City and approved by FDOT and Miami-Dade County prior to moving forward. Funding for this analysis has been provided by the Aventura Mall and is available from the Capital Projects Fund.

Through the issuance of a \$7.1M Bond, the utilization of General Fund Reserves and other revenue sources, the approximate \$15.5M cost of constructing and equipping the ACHS will be fully reflected in the FY 2017/18 Budget. Any and all of the project funds that are not expended as of September 30, 2018 will be carried forward to complete the project in FY 2018/19.

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 conservative estimates and assumes that revenues and operating expenditures grow at specified levels and can be maintained at certain percentage increases, respectively.

I am proud of the many accomplishments and the support that the City Commission and residents have shown in the implementation of the capital projects since the City's incorporation. Our

beautification projects, park and open space additions, Government Center, Community Recreation Center, K-8 Charter School, proposed Charter High 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 those 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 of the Department Directors and their staff. Their professional efforts have assisted in the preparation of this important planning program. This document has been prepared with the assistance of CMCS Consulting Services.

Upon your review of the 2018/19 – 2022/23 CIP, I respectfully request and recommend the following:

- Hold a public hearing at the July 19, 2018 Commission Meeting to conceptually adopt (by Resolution), the final CIP document for implementation.

Upon your review, please let me know if you have any questions or require additional information.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Joanne Carr". The signature is written in a cursive, flowing style.

Joanne Carr
Interim City Manager

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FIVE-YEAR HIGHLIGHTS

Beautification and Park Facility Improvement Projects (BP)

- ✓ *Founders Park and Waterways Park Improvements* totaling \$948,100 and \$1,923,450, respectively to maintain and enhance these facilities.

Transportation Improvement Projects (TI)

- ✓ *Road Resurfacing projects* totaling \$2,906,000 to resurface asphalt and enhance safety on NE 187th Street, NE 185th Street, Aventura Boulevard, NE 34th Avenue, NE 28th Avenue, NE 190th Street, Yacht Club Way, the south portion of the Hospital District, NE 188th Street, NE 183rd Street, NE 31st Street and Country Club Drive.
- ✓ *Streetlight Improvement Projects* totaling \$610,000 for the continuation of retrofitting street lighting throughout the City with more energy efficient LED fixtures and to retrofit Median Up-Lighting with LED fixtures.
- ✓ *Transportation System Improvements* totaling \$660,000 to provide Crosswalk Solar Lighting (\$270,000) and two (2) additional Flashing Pedestrian Crossing Signs (\$140,000) as well as school crossing flashers related to the opening of the Aventura Charter High School (\$250,000).
- ✓ *Bike Share Program Projects* totaling \$25,500 for the continued maintenance of the Bike Share Program.

Drainage Improvement Projects (DI)

- ✓ Stormwater Drainage Improvements totaling \$1,225,000 to address the long-term impacts of the rising sea levels including the following:
 - Country Club Drive Irrigation Relocation
 - Swale Cut and Sod Projects at Country Club Drive and the William Lehman Causeway, Aventura Blvd., 34th Ave. and NE 201st St.
 - Storm Grate Installation at Various Locations
 - NE 209th Street Drainage Improvements
 - Country Club Drive F Curb Installation at Various Locations

Public Building and Facility Improvement Projects (PBF)

- ✓ Government Center Improvements totaling \$237,000 primarily for roofing repairs (\$170,000) and to replace the carpet in the Commission Chambers (\$50,000) at the Government Center Facility.

Information Technology Improvement Projects (IT)

- ✓ Continues the implementation of technology improvements and management information systems to enhance the productivity and efficiency of City operations.

Capital Equipment Purchase and Replacement Projects (CE)

- ✓ Provides the necessary equipment to continue to provide high quality and effective police services.
- ✓ Ensures that the tools of production, vehicles and equipment are available for City operations.
- ✓ Continues the installation and placement of classroom furniture related to the opening of the Aventura Charter High School.

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INTRODUCTION

This section describes what the City's CIP is, the process for developing it and the Capital Budget and 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 budgetary 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 less than \$5,000 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 the City's capital priorities and project implementing plan to its citizens, businesses and interested parties.

The five-year CIP is updated annually to add new projects in the fifth (5th) 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 an integral 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 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 2018/19 – 2022/23. 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 for a comprehensive review. 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, the needs of the residents and funding. Projects were prioritized on the basis of Urgency, Necessity, Desirability and Deferability.

The City Manager reviewed departmental requests and she and the Finance Director conducted individual meetings with the Department Directors. The departmental requests were prioritized by the City Manager and the five-year schedule of projects was compiled into document form by the Finance Director. 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 the public for their review.

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

Capital Improvement Program Policies

- Annually, the City will prepare a five-year CIP analyzing all anticipated capital expenditures and identifying associated funding sources. Future capital expenditures necessitated by changes in population, development, growth, redevelopment or changes in economic base will be calculated and included in the Capital update process.
- The City will perform all capital improvements in accordance with an adopted CIP.
- 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.
- 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.
- 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.
- 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.
- 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 CIP document that is submitted to the City Commission for approval.
- The City will determine the most appropriate financing method for all new projects.
- 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.
- The City will maintain ongoing maintenance schedules relating to transportation, sidewalk and drainage system improvements.
- The City will address and prioritize infrastructure needs on the basis of protecting the health, safety and welfare of the community.
- A CIP preparation calendar shall be established and adhered to.
- Capital projects will conform to the City's Comprehensive Plan.
- Long-term borrowing will not be used to fund current operations or normal maintenance.

- The City will strive to maintain an unreserved/undesignated General Fund Fund Balance at a level not less than 10% of the annual General Fund revenue.
- If new project appropriation needs are identified for a specific capital project(s) at an interim period during the fiscal year, the funding sources will be identified and a budget amendment will be utilized to provide the formal budgetary authority.

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. The CIP preparation 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 a 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 CIP is divided into six (6) program areas as follows:

1. Beautification and Park Facility Improvement Projects (BP)
2. Transportation Improvement Projects (TI)
3. Drainage Improvement Projects (DI)
4. Public Building and Facility Improvement Projects (PBF)
5. Information Technology Improvement Projects (IT)
6. Capital Equipment Purchase and Replacement Projects (CE)

Each project in the CIP 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 the functional category number assigned by the City Manager and the final digits outline the individual department requesting the project. For example, project BP1-CS is Beautification and Park Facility Improvement Projects number one (1) requested by the Community Services Department.

Reading the Program Schedules

Detailed information about each capital project is provided directly under the Project Number and above the related detailed Funding Schedule. 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 area has a separate Funding Plan Table that outlines the revenue sources proposed to fund project expenditures.

**CIP Preparation Calendar
2018/19**

<u>Date</u>	<u>Responsibility</u>	<u>Action Required</u>
January 19	Finance Director	CIP Preparation Manual and Request Forms are distributed to All Department Directors via email.
January 22 to February 16	All Department Directors	Completed CIP request packages are submitted to City Manager.
March 1 to March 30	City Manager Finance Director	Review of departmental requests and conduct individual departmental CIP meetings. Departmental requests are prioritized.
April 2 to April 30	City Manager Finance Director	Five Year schedule of projects is prepared and method of financing is determined. Five year revenue and expenditure forecasts are prepared.
May 1 to May 31	Finance Director	Proposed CIP document is prepared and printed in final form.
June 14	City Manager	Proposed CIP document is submitted to City Commission.
June 21	City Commission City Manager	Workshop review meeting.
July 19	City Commission	Public Hearing on CIP and adoption.

**CITY OF AVENTURA
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**OVERVIEW OF
RECOMMENDED PROJECTS**

Summary of Recommended Projects

The proposed 2018/19 – 2022/23 CIP includes 40 projects in six (6) functional categories with a total value of \$18,801,635. The following represents the percentage of total funding that each functional category has been allocated:

1. Beautification and Park Facility Improvement Projects (16%)
2. Transportation System Improvement Projects (22%)
3. Drainage System Improvement Projects (7%)
4. Public Building and Facility Improvement Projects (7%)
5. Information Technology Improvement Projects (27%)
6. Capital Equipment Purchase and Replacement Projects (21%)

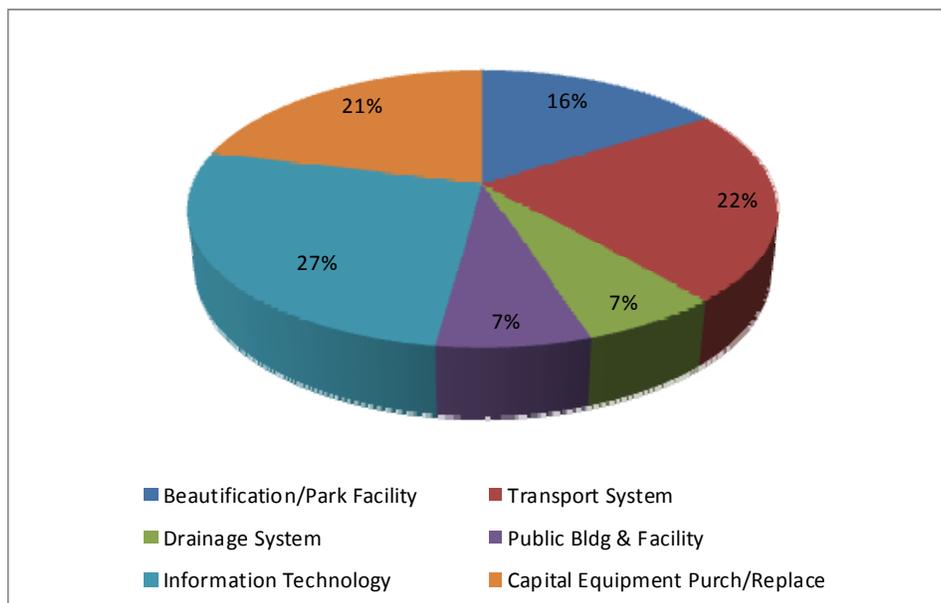
Summary of Major Programs by Year

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
CAPITAL IMPROVEMENT PROGRAM
SUMMARY OF MAJOR PROGRAMS BY YEAR
PROJECTS SCHEDULED FOR 2018/19 - 2022/23

PROGRAM	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
Beautification & Park Facility Improvement Projects	\$ 208,350	\$ 1,832,900	\$ 304,050	\$ 125,750	\$ 563,850	\$ 3,034,900
Transportation System Improvement Projects	901,000	1,011,000	661,500	759,500	868,500	4,201,500
Drainage System Improvement Projects	275,000	275,000	275,000	200,000	200,000	1,225,000
Public Building & Facility Improvement Projects	541,380	378,500	247,000	91,000	81,000	1,338,880
Information Technology Improvement Projects	870,125	903,375	1,004,375	1,069,375	1,164,125	5,011,375
Capital Equipment Purchase & Replacement Projects	1,006,450	969,550	735,580	663,600	614,800	3,989,980
Totals	\$ 3,802,305	\$ 5,370,325	\$ 3,227,505	\$ 2,909,225	\$ 3,492,275	\$ 18,801,635

Capital Improvement Program
 2018/19 - 2022/23
 Summary of Major Programs by Function



Summary of Proposed Appropriations by Funding Source

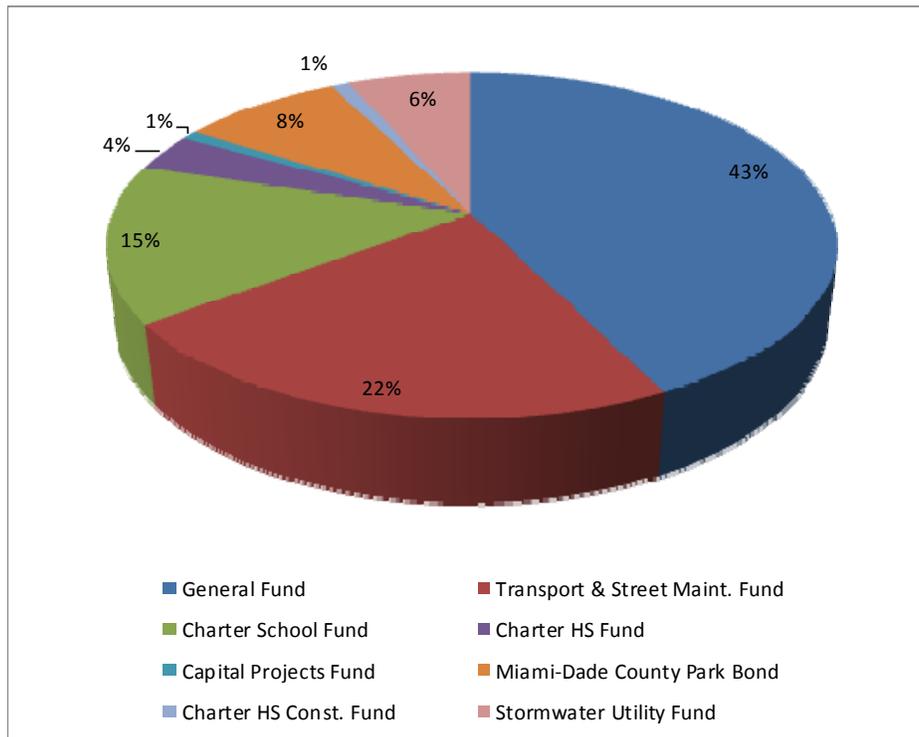
The following table reflects the distribution of all proposed projects to the funding source or mechanism, which is appropriate for funding the projects for each of the five (5) years of the program.

**TABLE 2
CAPITAL IMPROVEMENT PROGRAM
SUMMARY BY PROPOSED APPROPRIATIONS BY FUNDING SOURCE
PROJECTS SCHEDULED FOR 2018/19 - 2022/23**

FUNDING SOURCE	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
General Fund - 001	\$ 1,621,225	\$ 1,694,825	\$ 1,671,505	\$ 1,208,225	\$ 1,809,275	\$ 8,005,055
Transportation and Street Maintenance Fund - 120	901,000	1,011,000	661,500	759,500	868,500	4,201,500
Charter School Fund - 190	870,380	523,000	413,500	541,500	414,500	2,762,880
Charter High School Fund - 191	-	62,500	200,000	200,000	200,000	662,500
Capital Projects Fund - 392	134,700	16,500	6,000	-	-	157,200
Miami-Dade County Park Bond	-	1,600,000	-	-	-	1,600,000
Aventura Charter High School Construction Fund - 393	-	187,500	-	-	-	187,500
Stormwater Utility Fund - 410	275,000	275,000	275,000	200,000	200,000	1,225,000
Totals	\$ 3,802,305	\$ 5,370,325	\$ 3,227,505	\$ 2,909,225	\$ 3,492,275	\$ 18,801,635

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.

**Capital Improvement Program
2018/19 - 2022/23
Summary of Proposed Appropriations by Funding Source**



Summary of Projects by Location and Year

The following table outlines the major Beautification and Park Facility and Transportation Improvement Projects by location and the year in which they are proposed to be funded:

**TABLE 3
CAPITAL IMPROVEMENT PROGRAM
2018/19 - 2022/23
SUMMARY OF PROJECTS BY LOCATION AND YEAR**

Location	Beautification and Park Facility Improvement Projects	Transportation Improvement Projects
Founders Park	2018/19 to 2022/23	N/A
Waterways Park	2018/19 to 2022/23	N/A
Waterways Dog Park	2019/20	N/A
	2021/22 to 2022/23	N/A
Veterans Park	2019/20 to 2020/21	N/A
Citywide Beautification Improvements	2018/19 to 2022/23	N/A
Road Resurfacing Program		
NE 187 th Street	N/A	2018/19
NE 185 th Street	N/A	2018/19
Aventura Boulevard	N/A	2019/20
NE 34 th Avenue	N/A	2019/20
NE 28 th Avenue	N/A	2019/20
NE 190 th Street	N/A	2020/21
Yacht Club Way	N/A	2020/21
Hospital District (south portion)	N/A	2020/21
NE 188 th Street	N/A	2021/22
NE 183 rd Street	N/A	2021/22
NE 31 st Street	N/A	2021/22
Country Club Drive	N/A	2022/23
Streetlight Improvements		
Retrofit Street Lighting with LED fixtures	N/A	2018/19
Retrofit Median Up-Lighting with LED fixtures	N/A	2019/20
Transportation System Improvements		
Crosswalk Solar Lighting	N/A	2018/19 2021/22 - 2022/23
Flashing Pedestrian Crossing Signs (2)	N/A	2018/19
School Crossing Flashers	N/A	2019/20

CITY OF AVENTURA
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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 – 001
2. Transportation and Street Maintenance Fund – 120
3. Charter School Fund – 190
4. Charter High School Fund – 191
5. Capital Projects Fund – 392
6. Aventura Charter High School Construction Fund – 393
7. Miami-Dade County Park Bond (a new fund will be created if necessary)
8. Stormwater Utility Fund – 410

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. In FY 2019/20, capital outlay for the Aventura Charter High School is anticipated to be included in a separate Budget that would be 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. Utilizes “pay-as-you-go” financing through annual appropriations to fund the five year amount of \$18,801,635 not including the Aventura Charter High School Construction Project.
2. Through the issuance of a \$7.1M Bond, the utilization of General Fund Reserves and other revenue sources, the approximate \$15.5M cost of constructing and equipping the ACHS will be fully reflected in the FY 2017/18 Budget. Any and all of the project funds that are not expended as of September 30, 2018 will be carried forward to complete the project in FY 2018/19.
3. Adjusts property tax revenues based on projected conservative growth in assessments.

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**PROPOSED FINANCING PLAN
FOR THE
GENERAL FUND – 001**

Proposed Financing Plan for the General Fund – 001

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

Table 4 presents a five-year projection of available resources 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 FY 2017/18. Revenue descriptions followed by an asterisk (*) were computed based on a projected increase in the rate structure as outlined in the **REVENUE ASSUMPTIONS UTILIZED FOR PROJECTIONS** section immediately following the Table.

Table 5 presents a five-year projection of required operating expenditures for General Government Services which utilize the cost data as outlined in the **OPERATING EXPENDITURE ASSUMPTIONS UTILIZED FOR PROJECTIONS** section immediately following the Table.

Table 6 is a recap of resources available to fund the General Fund CIP based on projected revenues and expenditures and the proposed CIP 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 may be transferred to the General Fund Capital Reserves which could be used to fund unexpected capital outlays or to fund future years' programs.

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TABLE 4
GENERAL FUND
PROJECTION OF AVAILABLE RESOURCES FOR GENERAL GOVERNMENT SERVICES
SUMMARY BY YEAR

REVENUES	ADOPTED 2017/18	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
Ad Valorem Taxes	\$ 16,571,893	\$ 17,072,856	\$ 17,977,016	\$ 18,424,566	\$ 18,883,305	\$ 19,353,513 (a)
Section 185 Premium Tax	325,000	330,000	333,300	336,633	339,999	343,399
Utility Taxes	5,695,000	6,015,000	6,195,450	6,381,314	6,572,754	6,769,936 (b)
Unified Communications Tax	1,850,000	1,850,000	1,850,000	1,850,000	1,850,000	1,850,000
City Business Tax	975,000	900,000	909,000	918,090	927,271	936,544 (c)
Building Related Revenue	2,346,000	2,426,000	2,000,000	1,526,000	1,176,000	1,176,000 (d)
Franchise Fee-Electric	1,825,000	1,425,000	1,453,500	3,336,723	3,403,457	3,471,526 (e)
Franchise Fee-Other	575,000	620,000	637,100	654,713	672,854	691,540 (f)
State Revenue Sharing	740,000	825,000	849,750	875,243	901,500	928,545 (g)
Half Cent Sales Tax	2,860,000	2,935,000	3,023,050	3,113,742	3,207,154	3,303,369 (h)
County Business Tax	55,000	50,000	50,500	51,005	51,515	52,030 (i)
Intergovernmental Revenues-Other	55,320	47,670	48,147	48,629	49,115	49,607 (j)
Charges for Services	2,599,421	2,558,106	2,622,059	2,687,611	2,754,802	2,823,673 (k)
Fines & Forfeitures	1,079,000	1,427,500	1,470,325	1,514,435	1,559,868	1,606,664 (l)
Misc. Revenues	290,000	280,000	280,000	280,000	280,000	280,000
Total Available	\$ 37,841,634	\$ 38,762,132	\$ 39,699,197	\$ 41,998,704	\$ 42,629,594	\$ 43,636,346

REVENUE ASSUMPTIONS UTILIZED FOR PROJECTIONS

- (a) Ad Valorem Taxes are projected to increase 7% in FY 2019/20 (net of a projected \$267,000 revenue loss as a result of the Additional Homestead Exemption that will be voted on in November 2018) and then 2.5% thereafter.
- (b) Utility Taxes are projected to increase at a rate of 3% per year.
- (c) City Business Tax is projected to increase at a rate of 1% per year.
- (d) Building Related Revenue is projected to remain stable in FY 2018/19 and then begin to decrease as overall building activity is anticipated to decrease.
- (e) Franchise Fee-Electric is projected to decrease in FY 2018/19, stabilize in FY 2019/20 and then to increase beginning in FY 2020/21 under the newly adopted FPL agreement that will become effective in June of 2020.
- (f) Franchise Fee-Other is projected to increase at a rate of 3% per year (for gas and sanitation) while towing is projected to remain stable over the same period.
- (g) State Revenue Sharing is projected to increase at a rate of 3% per year.
- (h) Half Cent Sales Tax is projected to increase at a rate 3% per year.
- (i) County Business Tax is projected to increase at a rate of 1% per year.
- (j) Intergovernmental Revenues-Other are projected to increase at a rate of 1% per year.
- (k) Charges for Services, including the Police Services Agreement with the Aventura Mall are projected to increase at a rate of 2.5% per year.
- (l) Fines & Forfeitures is projected to increase at a rate of 3% per year.

TABLE 5

GENERAL FUND
 PROJECTION OF OPERATING EXPENDITURES FOR GENERAL GOVERNMENT SERVICES
 SUMMARY BY YEAR

DEPARTMENT	ADOPTED 2017/18	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
City Commission	\$ 146,150	\$ 147,644	\$ 150,597	\$ 153,609	\$ 156,681	\$ 159,815
Office of the City Manager	746,865	661,547	681,393	701,835	722,890	744,577
Legal	305,000	305,000	305,000	305,000	305,000	305,000
City Clerk's Office	307,197	344,183	354,508	365,143	376,097	387,380
Finance	1,059,843	1,077,476	1,109,800	1,143,094	1,177,387	1,212,709
Information Technology	1,122,810	1,163,720	1,198,632	1,234,591	1,271,629	1,309,778
Police	19,442,439	20,183,170	20,990,497	21,830,117	22,703,322	23,611,455
Community Development	2,578,041	2,591,696	2,340,282	2,057,834	1,859,106	1,894,869
Community Services	2,410,796	2,480,960	2,555,389	2,632,051	2,711,013	2,792,343
Public Works/Transportation	3,033,616	3,162,634	3,257,513	3,355,238	3,455,895	3,559,572
Arts & Cultural Center	809,899	825,440	850,203	875,709	901,980	929,039
Non-Departmental	1,468,900	1,503,500	1,533,570	1,564,241	1,595,526	1,627,437
Total Proj. Operating Exp. for General Gov. Svcs.	\$ 33,431,556	\$ 34,446,970	\$ 35,327,384	\$ 36,218,462	\$ 37,236,526	\$ 38,533,974
Total Proj. Debt Svce./Trans.	2,158,256	2,757,169	2,670,038	2,139,849	2,141,667	2,141,953
Total Proj. Exp.	\$ 35,589,812	\$ 37,204,139	\$ 37,997,422	\$ 38,358,311	\$ 39,378,193	\$ 40,675,927

OPERATING EXPENDITURE ASSUMPTIONS UTILIZED FOR PROJECTIONS

Operating expenditures are projected to increase an average of 3% – 4% per year.

TABLE 6

GENERAL FUND
 RECAP OF PROJECTED AVAILABLE RESOURCES AND OPERATING EXPENDITURES
 FOR GENERAL GOVERNMENT SERVICES
 SUMMARY BY YEAR

DEPARTMENT	ADOPTED 2017/18	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
Total Proj. Avail. Resources	\$ 37,841,634	\$ 38,762,132	\$ 39,699,197	\$ 41,998,704	\$ 42,629,594	\$ 43,636,346
Proj. Operating Exp.	33,431,556	34,446,970	35,327,384	36,218,462	37,236,526	38,533,974
Proj. Debt Svce./Trans. (Exclude HS)	2,158,256	2,262,145	2,173,938	2,139,849	2,141,667	2,141,953
Subtotal	35,589,812	36,709,115	37,501,322	38,358,311	39,378,193	40,675,927
Balance after Operating Exp. & Debt Svce./Trans.	\$ 2,251,822	\$ 2,053,017	\$ 2,197,875	\$ 3,640,393	\$ 3,251,401	\$ 2,960,419
Less CIP Appropriations for:						
Beautification/Park Facility	92,500	208,350	216,400	298,050	125,750	563,850
Public Bldg & Facility	148,000	92,500	286,500	212,000	-	50,000
Information Technology	527,575	448,625	429,875	445,875	438,875	600,625
Capital Equipment Purch/Replace	732,900	871,750	762,050	715,580	643,600	594,800
	1,500,975	1,621,225	1,694,825	1,671,505	1,208,225	1,809,275
Charter HS Operating Cost Subsidy	-	370,875	400,000	350,000	-	-
Amount added to CIP Reserve	\$ 750,847	\$ 60,917	\$ 103,050	\$ 1,618,888	\$ 2,043,176	\$ 1,151,144
Charter HS Debt Svce.	\$ -	\$ (495,024)	\$ (496,100)	\$ -	\$ -	\$ -
Total Amount Needed from General Fund - High School	\$ -	\$ (495,024)	\$ (496,100)	\$ -	\$ -	\$ -

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**BEAUTIFICATION AND
PARK FACILITY IMPROVEMENT
PROJECTS**

Beautification and Park Facility Improvement Projects

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 \$3,034,900. Special emphasis was given to upgrading existing park facilities.

Policies

The City's investment in improvements to its 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 recreational 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 two (2) mile radius and community parks which serve the entire City.

Goal: Increase Safety Standards

- Provide for adequate security measures including the limited access to 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 are 32 acres of open space and public park land within the City.

Arthur I Snyder Memorial Park

This 3.5 acre site was purchased in 1998 and was one (1) of the City's last remaining waterfront undeveloped parcels. This park contains the Community Recreation Center as well as open passive and sitting areas.

Aventura Founders Park

This 11 acre site located on W. Country Club Drive and NE 190th Street was opened in November 1998 and includes both active and passive recreational opportunities. The park encompasses the following components: splash pad, jogging path, tennis courts, gated entries, one (1) ball field with dugouts and backstops, restroom buildings, decorative fencing, playground, picnic area, passive play areas, baywalk, landscaping, two (2) parking lots, multi-purpose plaza areas, signage, benches and security lighting.

Don Soffer Exercise/Walking Path

This site contains 5.5 acres that are classified as open space recreation area and is used by residents for both recreational and exercise purposes.

Peace Park

This 1.5 acre site was dedicated to the City in 2013 and was opened in 2016. Facilities and amenities include a children's playground, adult exercise equipment, an open playfield area, playground facilities, walkways and landscaping with shade trees.

Veterans Park

This 2 acre site was acquired by the City from a private developer in 2001 and is located on NE 31st Avenue. Facilities and amenities include a 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, expanding the children's play area and adding a restroom facility.

Waterways Dog Park

This 1.5 acre site was acquired by the City in 1998 from the private developer who constructed it and was converted to a dog park in 2008.

Waterways Park

The 7 acre site was purchased in 2006 and was opened in 2008. Facilities and amenities include a multipurpose sports field, playground, basketball court, fitness trail, parking and restroom facilities.

Prior Accomplishments

The following projects have been completed or are scheduled for completion as of the 2017/18 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 Drive 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
Replaced Canopies/Fencing throughout the City as a result of Hurricane Irma	2017/18
Replaced Playground Equipment at Veterans Park	2017/18
Hurricane Irma Landscaping Action Plan	2017/18

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 recreational acres the City has available for use by its residents, public and private marinas and golf courses are accounted for at a different degree depending on their accessibility to the City's residents. Assuming that public facilities can be accounted for at 100%, private recreational facilities at 50% and marinas and the golf course at 25%, the City's 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 recreational and open space areas. The City owns 32 park/open space acres.

**TABLE PFOS 1
RECREATION/OPEN SPACE INVENTORY**

Type	Facility	Acres	Applicable Acres
Public Recreation Areas (100%)			
C	Arthur I Snyder Memorial Park	3.50	3.50
N	Aventura Founders Park	11.00	11.00
C	Don Soffer Exercise/Walking path	5.50	5.50
N	Peace Park	1.50	1.50
N	Veterans Park	2.00	2.00
N	Waterways Dog Park	1.50	1.50
N	Waterways Park	7.00	7.00
	Subtotal	32.00	32.00
Private Recreation Areas			
P	Private Recreation Sites (50%)	63.61	31.81
P	Marina Complexes (25%)	9.40	2.35
P	Golf Courses (25%)	203.17	50.79
	Subtotal	276.18	84.95
	Total	308.18	116.95

Tickmark Legend:

- C = Community Park
- N = Neighborhood Park
- P = Private Recreation Areas

Funding Plan by Source

Total funding required for the proposed Beautification and Park Facility Improvement Projects will be \$3,034,900 and will be funded as follows:

**PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
General Fund - 001	\$ 220,350	\$ 204,400	\$ 298,050	\$ 125,750	\$ 563,850	\$ 1,412,400
Capital Projects Fund - 392	-	16,500	6,000	-	-	22,500
Miami-Dade County Park Bond	-	1,600,000	-	-	-	1,600,000
Totals	\$ 220,350	\$ 1,820,900	\$ 304,050	\$ 125,750	\$ 563,850	\$ 3,034,900

On the following pages, you will find the tables (as outlined below) that summarize and detail the proposed Beautification and Park Facility Improvement Projects:

- ✓ Summary by Year (Table PB-1)
- ✓ Funding Plan by Project Category (Table PB-2)
- ✓ Projects Scheduled for 2018/19 – 2022/23 (Table PB-3)

TABLE BP-1

PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
BP1	Founders Park Improvements	CS	\$ 173,000	\$ 136,000	\$ 45,000	\$ 79,600	\$ 514,500	\$ 948,100
BP2	Waterways Park Improvements	CS	15,000	1,627,000	243,050	26,400	12,000	1,923,450
BP3	Waterways Dog Park Improvements	CS	-	33,000	-	9,750	17,000	59,750
BP4	Veterans Park Improvements	CS	-	16,500	6,000	-	-	22,500
BP5	Citywide Beautification Improvements	PW/T	20,350	20,400	10,000	10,000	20,350	81,100
Totals			\$ 208,350	\$ 1,832,900	\$ 304,050	\$ 125,750	\$ 563,850	\$ 3,034,900

TABLE BP-2

PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY PROJECT CATEGORY

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	GENERAL FUND - 001	CAPITAL PROJECTS FUND - 392	MIAMI-DADE COUNTY PARK BOND
BP1	Founders Park Improvements	CS	\$ 948,100	\$ 948,100	\$ -	\$ -
BP2	Waterways Park Improvements	CS	1,923,450	323,450	-	1,600,000
BP3	Waterways Dog Park Improvements	CS	59,750	59,750	-	-
BP4	Veterans Park Improvements	CS	22,500	-	22,500	-
BP5	City-wide Beautification Improvements	PW/T	81,100	81,100	-	-
Totals			\$ 3,034,900	\$ 1,412,400	\$ 22,500	\$ 1,600,000

TABLE BP-3

PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					ACCOUNT #	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5						
BP1 - CS	Founders Park Improvements												
<i>This project consists of the maintenance, replacement and enhancement of various equipment and improvements at Founders Park. (G/L# 001-8050-572.63-10)</i>													
	Replace SplashPad Pumps	CS	3	-	-	-	3	001-8050-572.63-10	\$ 12,000	\$ -	\$ -	\$ 15,000	
	Renovate Restrooms	CS	2	2	-	-	-	001-8050-572.63-10	100,000	100,000	-	-	
	Replace Tables and Chairs	CS	TBD	-	-	-	-	001-8050-572.63-10	6,000	-	-	-	
	Replace Sunpad Furniture	CS	TBD	-	-	-	-	001-8050-572.63-10	30,000	-	-	-	
	Security Enhancements	CS	N/A	-	-	-	-	001-8050-572.63-10	25,000	-	-	-	
	Replace Benches and Trash Cans	CS	-	TBD	-	-	-	N/A	-	16,000	-	-	
	Replace SplashPad Water Features	CS	-	1	-	2	-	N/A	-	20,000	-	40,000	
	Replace SplashPad Surface	CS	-	-	1	-	-	N/A	-	-	45,000	-	
	Replace Pavilion Roofs	CS	-	-	-	3	-	N/A	-	-	-	39,600	
	Replace Playground Pole Padding	CS	-	-	-	-	N/A	N/A	-	-	-	9,500	
	Replace Playground Equipment	CS	-	-	-	-	1	N/A	-	-	-	490,000	
	Subtotal								\$ 173,000	\$ 136,000	\$ 45,000	\$ 79,600	\$ 514,500
BP2 - CS	Waterways Park Improvements												
<i>This project consists of the maintenance, replacement and enhancement of various equipment and improvements at Waterways Park. (G/L# 001-8050-572.63-22)</i>													
	Security Enhancements	CS	N/A	-	-	-	-	001-8050-572.63-22	\$ 15,000	\$ -	\$ -	\$ -	
	Drainage and Turf Project	CS	-	1	-	-	-	N/A	-	1,600,000	-	-	
	Install Electric Charging Station	CS	-	1	-	-	-	N/A	-	15,000	-	-	
	Replace Table and Chairs	CS	TBD	-	-	-	-	N/A	-	12,000	-	-	
	Replace Playground Equipment and Surfac	CS	-	-	1	-	-	N/A	-	-	230,000	-	
	Replace Soccer Goal Nets	CS	-	-	TBD	-	-	N/A	-	-	6,000	-	
	Replace Playground Pole Padding	CS	-	-	N/A	-	-	N/A	-	-	7,050	-	
	Replace Pavilion Roof	CS	-	-	-	1	-	N/A	-	-	-	13,200	
	Replace Dugout Roofs	CS	-	-	-	2	-	N/A	-	-	-	13,200	
	Replace Benches and Trash Cans	CS	-	-	-	-	TBD	N/A	-	-	-	12,000	
	Subtotal								\$ 15,000	\$ 1,627,000	\$ 243,050	\$ 26,400	\$ 12,000
BP3 - CS	Waterways Dog Park Improvements												
<i>This project consists of the maintenance, replacement and enhancement of various equipment and improvements at Waterways Dog Park.</i>													
	Replace Pole Padding	CS	-	N/A	-	-	N/A	N/A	\$ -	\$ 4,000	\$ -	\$ 5,000	
	Replace Benches, Tables and Trash Cans	CS	-	TBD	-	-	-	N/A	-	23,000	-	-	
	Replace Doggie Deposit Stations	CS	-	TBD	-	-	-	N/A	-	6,000	-	-	
	Replace Doggie Drinking Fountains	CS	-	-	-	2	-	N/A	-	-	-	9,750	
	Replace Shade Canopy	CS	-	-	-	-	1	N/A	-	-	-	12,000	
	Subtotal								\$ -	\$ 33,000	\$ -	\$ 9,750	\$ 17,000
BP4 - CS	Veterans Park Improvements												
<i>This project consists of the maintenance, replacement and enhancement of various equipment and improvements at Veterans Park.</i>													
	Replace Drinking Fountain	CS	-	1	-	-	-	N/A	\$ -	\$ 6,500	\$ -	\$ -	
	Replace Benches and Trash Cans	CS	-	TBD	-	-	-	N/A	-	10,000	-	-	
	Replace Tables	CS	-	-	TBD	-	-	N/A	-	-	6,000	-	
	Subtotal								\$ -	\$ 16,500	\$ 6,000	\$ -	\$ -
BP5 - PW/T	Citywide Beautification Improvements												
<i>This project consists of the maintenance, replacement and enhancement to street furniture throughout the City. (G/L# 001-8054-541.63-01)</i>													
	Purchase Benches and Trash Cans	PW/T	TBD	TBD	TBD	TBD	TBD	001-8054-541.63-01	\$ 9,750	\$ 9,800	\$ 10,000	\$ 10,000	\$ 9,750
	Replace Chilled Water Fountains	PW/T	2	2	-	-	2	001-8054-541.63-01	10,600	10,600	-	-	10,600
	Subtotal								\$ 20,350	\$ 20,400	\$ 10,000	\$ 10,000	\$ 20,350
	Totals								\$ 208,350	\$ 1,832,900	\$ 304,050	\$ 125,750	\$ 563,850

CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23



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**CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23**



**PROPOSED FINANCING PLAN
FOR THE
TRANSPORTATION AND
STREET MAINTENANCE FUND – 120**

Proposed Financing Plan for the Transportation and Street Maintenance Fund – 120

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

A total of \$4,201,500 from this fund will be utilized to fund the transportation enhancements, street maintenance and construction costs during the five-year period.

Table 7 reflects the anticipated revenues available and the proposed appropriations for the Transportation and Street Maintenance Fund for the five-year period.

**TABLE 7
TRANSPORTATION AND STREET MAINTENANCE FUND - 120
RECAP OF PROJECTED AVAILABLE RESOURCES AND APPROPRIATIONS
SUMMARY BY YEAR**

	ADOPTED 2017/18	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
REVENUE PROJECTIONS						
Intergovernmental Revenues						
State Revenue Sharing ⁽¹⁾	\$ 290,000	\$ 255,000	\$ 261,375	\$ 267,909	\$ 274,607	\$ 281,472
Local Option Cap. Impr. Gas Tax ⁽¹⁾	147,000	147,000	150,675	154,442	158,303	162,261
Local Option Gas Tax ⁽¹⁾	380,000	382,000	391,550	401,339	411,372	421,656
County Transit System Surtax ⁽¹⁾	1,400,000	1,450,000	1,486,250	1,523,406	1,561,491	1,600,528
Subtotal	2,217,000	2,234,000	2,289,850	2,347,096	2,405,773	2,465,917
Miscellaneous Revenues						
Interest	2,000	7,500	7,500	7,500	7,500	7,500
Citywide Bicycle Sharing	40,000	40,000	40,000	40,000	40,000	40,000
Subtotal	42,000	47,500	47,500	47,500	47,500	47,500
Fund Balance						
Carryover		1,547,125	1,185,660	716,636	599,201	385,481
Subtotal	-	1,547,125	1,185,660	716,636	599,201	385,481
Total Projected Available Resources	\$ 2,259,000	\$ 3,828,625	\$ 3,523,010	\$ 3,111,232	\$ 3,052,474	\$ 2,898,898
EXPENDITURES						
CONTRACTUAL SERVICES						
Public Works/Transportation - 5401-541						
Landscape/Tree Maint/Streets ⁽²⁾	\$ 640,000	735,000	757,050	779,762	803,155	827,250
City-Wide Bicycle Sharing ⁽²⁾	72,000	76,965	79,274	81,652	84,102	86,625
Enhanced Transit Services ⁽²⁾	830,000	830,000	859,050	889,117	920,236	952,444
TVMS Maintenance	100,000	100,000	100,000	100,000	100,000	100,000
Total Operating Expenditures	1,642,000	1,741,965	1,795,374	1,850,531	1,907,493	1,966,319
Balance after Operating Expenditures	617,000	2,086,660	1,727,636	1,260,701	1,144,981	932,579
Less CIP Appropriations for Transportation Improvement Projects:						
CAPITAL OUTLAY						
Public Works/Transportation - 5401-541						
Road Resurfacing	\$ 501,000	\$ 311,000	\$ 551,000	\$ 653,000	\$ 641,000	\$ 750,000
Street Lighting Improv.	400,000	400,000	210,000	-	-	-
Citywide Bicycle Sharing	47,000	-	-	8,500	8,500	8,500
Transportation System Improv.	-	190,000	250,000	-	110,000	110,000
Total Capital Expenditures	948,000	901,000	1,011,000	661,500	759,500	868,500
Amount Available for Carryover	1,447,125	\$ 1,185,660	\$ 716,636	\$ 599,201	\$ 385,481	\$ 64,079

ASSUMPTIONS UTILIZED FOR PROJECTIONS:

⁽¹⁾ Projected to increase by 1.025%/year.

⁽²⁾ Projected to increase between 3%-3.5%/year.

CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23



TRANSPORTATION SYSTEM
IMPROVEMENT PROJECTS

Transportation Improvement Projects

This section includes improvements to the City’s transportation system, roadways, sidewalks, pedestrian pathways, street lighting, transit and other infrastructure improvements. There are four (4) improvement projects in the CIP totaling \$4,201,500. Special emphasis was given to road resurfacing, streetlight improvements, transportation system improvements and the bike share station program and in order to address maintenance considerations. The projects outlined in this section have been developed based on our consulting engineer and staff’s survey of all City areas. 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 and street lighting is based on the following policies:

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 schedule of current public roads under the jurisdiction of the City:

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

Prior Accomplishments

Since the inception of the CIP, the following projects have been completed or are scheduled for completion as of the 2017/18 fiscal year:

<u>Project Title</u>	<u>Year</u>
Sidewalk Installation – Southside of Lehman Causeway	1996/97
Pedestrian Safety Study	1996/97
Aventura Boulevard Street Lighting Improvements	1997/98
NE 183 rd Street Improvements	1997/98
NE 183 rd Street Lighting Improvements	1997/98
NE 207 th Street Lighting Improvements	1997/98
Pedestrian Transportation Circulation Safety Improvements	1997/98
NE 190 th Street Lighting Improvements	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 213 th Street Lighting Improvements	2000/01
NE 34 th Avenue Safety/Road Improvements	2000/01
Country Club Drive Improvements	2002/03, 2012/13, 2013/14
Yacht Club Way 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
NE 207 th Street Resurfacing	2004/05
Traffic Video Monitoring Program	2004/05, 2005/06
Directional Signs	2004/05
Miami Gardens Drive	2005/06
Aventura Boulevard Resurfacing	2005/06
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 Place and Yacht Club Way Resurfacing	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/Biscayne 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
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 & 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 Street, NE 31 st Avenue, NE 188 th Street & NE 191 st 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 North Country Club Drive & 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 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 Resurfacing	2015/16
NE 29 th Place (South) Street Lights & Resurfacing	2015/16
NE 213 th Street Resurfacing	2015/16
Yacht Club Way Bridge Repairs	2015/16
Country Club Drive Flashing Pedestrian Crossing Signs	2015/16
NE 30 th Avenue Street Lighting	2015/16
NE 27 th Avenue, NE 28 th Court, NE 30 th Avenue & NE 209 th Street Resurfacing	2016/17
Aventura Boulevard Street Lighting	2017/18

Road and Infrastructure Improvements

The majority of the projects outlined in the Transportation Improvement Project functional category are closely aligned with drainage improvements in accordance with established road resurfacing maintenance schedules.

Funding Plan by Source

Total funding required for the proposed Transportation Improvements Projects will be \$4,201,500 and will be funded as follows:

**PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
Transport. & Street Maint. Fund -120	\$ 901,000	\$ 1,011,000	\$ 661,500	\$ 759,500	\$ 868,500	\$ 4,201,500
Totals	\$ 901,000	\$ 1,011,000	\$ 661,500	\$ 759,500	\$ 868,500	\$ 4,201,500

On the following pages, you will find the tables (as outlined below) that summarize and detail the proposed Transportation Improvement Projects:

- ✓ Summary by Year (Table TI-1)
- ✓ Funding Plan by Project Category (Table TI-2)
- ✓ Projects Scheduled for 2018/19 – 2022/23 (Table TI-3)

TABLE TI-1

PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
T11	Road Resurfacing Program	PW/T	\$ 311,000	\$ 551,000	\$ 653,000	\$ 641,000	\$ 750,000	\$ 2,906,000
T12	Streetlight Improvements	PW/T	400,000	210,000	-	-	-	610,000
T13	Transportation System Improvements	PW/T	190,000	250,000	-	110,000	110,000	660,000
T14	Bike Share Station Program	PW/T	-	-	8,500	8,500	8,500	25,500
Totals			\$ 901,000	\$ 1,011,000	\$ 661,500	\$ 759,500	\$ 868,500	\$ 4,201,500

TABLE TI-2

PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY PROJECT CATEGORY

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	TRANSPORT. AND STREET MAINT. FUND - 120
T11	Road Resurfacing Program	PW/T	\$ 2,906,000	\$ 2,906,000
T12	Streetlight Improvements	PW/T	610,000	610,000
T13	Transportation System Improvements	PW/T	660,000	660,000
T14	Bike Share Station Program	PW/T	25,500	25,500
Totals			\$ 4,201,500	\$ 4,201,500

TABLE TI-3

PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
TI1 - PW/T Road Resurfacing Program												
<i>This project consists of resurfacing roadways as determined by the City's maintenance standards and the Public Works/Transportation Department. (G/L# 120-5401-541.63-05)</i>												
	NE 187 th Street	PW/T	N/A	-	-	-	\$ 155,000	\$ -	\$ -	\$ -	-	
	NE 185 th Street	PW/T	N/A	-	-	-	156,000	-	-	-	-	
	Aventura Boulevard	PW/T	-	N/A	-	-	-	365,000	-	-	-	
	NE 34 th Avenue	PW/T	-	N/A	-	-	-	68,000	-	-	-	
	NE 28 th Avenue	PW/T	-	N/A	-	-	-	118,000	-	-	-	
	NE 190 th Street	PW/T	-	-	N/A	-	-	-	326,000	-	-	
	Yacht Club Way	PW/T	-	-	N/A	-	-	-	125,000	-	-	
	Hospital District (south portion)	PW/T	-	-	N/A	-	-	-	202,000	-	-	
	NE 188 th Street	PW/T	-	-	-	N/A	-	-	-	310,000	-	
	NE 183 rd Street	PW/T	-	-	-	N/A	-	-	-	290,000	-	
	NE 31 st Street	PW/T	-	-	-	N/A	-	-	-	41,000	-	
	Country Club Drive	PW/T	-	-	-	-	N/A	-	-	-	750,000	
	Subtotal						\$ 311,000	\$ 551,000	\$ 653,000	\$ 641,000	\$ 750,000	
TI2 - PW/T Streetlight Improvements												
<i>This project consists of the continued retrofit of Street Lighting with LED fixtures. (G/L# 120-5401-541.63-07)</i>												
	Retrofit Street Lighting with LED fixtures	PW/T	N/A	-	-	-	\$ 400,000	\$ -	\$ -	\$ -	-	
	Retrofit Median Up-Lighting with LED fixtu	PW/T	-	N/A	-	-	-	210,000	-	-	-	
	Subtotal						\$ 400,000	\$ 210,000	\$ -	\$ -	-	
TI3 - PW/T Transportation System Improvements												
<i>This project consists of the addition of a Crosswalk Solar Lighting System, the addition of two (2) Flashing Pedestrian Crossing Signs and the addition of the School Crossing Flashers. (G/L# 120-5401-541.63-4)</i>												
	Crosswalk Solar Lighting	PW/T	1	-	-	2	\$ 50,000	\$ -	\$ -	\$ 110,000	\$ 110,000	
	Flashing Pedestrian Crossing Signs											
	Location To Be Determined	PW/T	1	-	-	-	70,000	-	-	-	-	
	Location To Be Determined	PW/T	1	-	-	-	70,000	-	-	-	-	
	School Crossing Flashers	ACHS	-	1	-	-	-	250,000	-	-	-	
	Subtotal						\$ 190,000	\$ 250,000	\$ -	\$ 110,000	\$ 110,000	
TI4 - PW/T Bike Share Station Program												
<i>This project consists of the replacement of bicycles utilized for the City's Bike Share Program that have become obsolete due to normal wear and tear.</i>												
	Replace Bicycles	PW/T	-	-	N/A	N/A	\$ -	\$ -	\$ 8,500	\$ 8,500	\$ 8,500	
	Subtotal						\$ -	\$ -	\$ 8,500	\$ 8,500	\$ 8,500	
	Totals						\$ 901,000	\$ 1,011,000	\$ 661,500	\$ 759,500	\$ 868,500	

**CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23**



**PROPOSED FINANCING PLAN
FOR THE
STORMWATER UTILITY FUND – 410**

Proposed Financing Plan for the Stormwater Utility Fund – 410

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.

A total of \$1,225,000 from this fund will be utilized to fund the stormwater drainage improvement projects during the five-year period. The current stormwater fee is \$3.50/ERU for FY 2017/18 but is currently under review by our consultants to see if it needs to be adjusted in order to sustain the fund's operating and capital expenditures in the near future.

Table 8 reflects the anticipated revenues available and the proposed appropriations for the Stormwater Utility Fund for the five-year period.

TABLE 8
STORMWATER UTILITY FUND
RECAP OF PROJECTED AVAILABLE RESOURCES AND APPROPRIATIONS
SUMMARY BY YEAR

	ADOPTED 2017/18	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
REVENUE PROJECTIONS						
Charges for Services						
Stormwater Utility Fees ⁽¹⁾	\$ 1,278,000	\$ 1,284,000	\$ 1,296,840	\$ 1,309,808	\$ 1,322,906	\$ 1,336,135
Subtotal	1,278,000	1,284,000	1,296,840	1,309,808	1,322,906	1,336,135
Miscellaneous Revenues						
Interest	7,500	8,000	8,000	8,000	8,000	8,000
Subtotal	7,500	8,000	8,000	8,000	8,000	8,000
Fund Balance						
Carryover	-	-	371,250	729,740	1,074,574	1,479,817
Subtotal	-	-	371,250	729,740	1,074,574	1,479,817
Total Projected Available Resources	\$ 1,285,500	\$ 1,292,000	\$ 1,676,090	\$ 2,047,548	\$ 2,405,480	\$ 2,823,952
EXPENSES						
CONTRACTUAL SERVICES						
Public Works/Transportation - 5401-538						
Prof. Services - Engineering ⁽²⁾	\$ 100,000	\$ 90,000	\$ 93,600	\$ 97,344	\$ 101,238	\$ 105,288
Lands Maint. - Streets ⁽²⁾	350,000	350,000	364,000	378,560	393,702	409,450
Street Maint./Drainage ⁽²⁾	200,000	200,000	208,000	216,320	224,973	233,972
Subtotal	650,000	640,000	665,600	692,224	719,913	748,710
OTHER OPERATING EXPENSES						
Public Works/Transportation - 5401-538						
Subscriptions & Memberships	500	1,250	1,250	1,250	1,250	1,250
Conferences & Seminars	2,000	3,000	3,000	3,000	3,000	3,000
Training	1,000	1,500	1,500	1,500	1,500	1,500
Subtotal	3,500	5,750	5,750	5,750	5,750	5,750
Total Operating Expenses	653,500	645,750	671,350	697,974	725,663	754,460
Balance after Operating Expenses	632,000	646,250	1,004,740	1,349,574	1,679,817	2,069,492
Less CIP Appropriations for Drainage Improvement Projects:						
CAPITAL OUTLAY						
Public Works/Transportation - 5401-538						
Drainage Improvements	\$ 632,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 200,000	\$ 200,000
Total Capital Expenditures	632,000	275,000	275,000	275,000	200,000	200,000
Amount Available for Carryover	\$ -	\$ 371,250	\$ 729,740	\$ 1,074,574	\$ 1,479,817	\$ 1,869,492

ASSUMPTIONS UTILIZED FOR PROJECTIONS:

⁽¹⁾ Projected to increase by 1%/year.

⁽²⁾ Includes Operation, Maintenance, Engineering and Administration which is projected to increase by 4%/year.

**CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23**



**DRAINAGE SYSTEM
IMPROVEMENT PROJECTS**

Drainage Improvement Projects

This section includes improvements to the City's drainage system and other infrastructure improvements. There is one (1) drainage improvement project in the CIP totaling \$1,225,000. Special emphasis was given to stormwater drainage improvements in order to address maintenance considerations. The project outlined in this section has been developed based on our consulting engineer and staff's survey of all City areas. The project was prioritized according to the urgency of the improvements needed and the age of the areas to be improved.

Policies

The City's investment in its drainage system improvements is based on the following policy:

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 the present drainage standards in order to eliminate flood prone areas.
- Implement projects that address the long-term problems of the rising sea levels.

Prior Accomplishments

Since the inception of the CIP, the following projects have been completed or are scheduled for completion as of the 2017/18 fiscal year:

<u>Project Title</u>	<u>Year</u>
Country Club Drive Drainage Improvements	1996/97
NE 183 rd Street & Drainage Improvements	1997/98
North Aventura Stormwater Collector (213 th Street)	1997/98
South Aventura Stormwater Collector	1998/99
NE 30 th Avenue Drainage Improvements	2000/01
Biscayne Lake Gardens Area Drainage Improvements	2001/02
NE 188 th Street, Lighting & Drainage Improvements	2002/03
NE 190 th Street Drainage Improvements	2002/03
Yacht Club Way Drainage and Lighting Improvements	2003/04
Hospital District NE 213 th Street Drainage Connector	2003/04
Hospital District North Collector	2004/05
Yacht Club Drive Seawall Improvements	2005/06
NE 213 th Street Outfall Drainage Improvement	2006/07
NE 190 th Street Drainage Improvements	2007/08
NE 191 st Street & 29 th Avenue Drainage Improvements	2008/09
NE 29 th Place Drainage Improvements & Resurfacing	2014/15
NE 191 st Street Drainage Improvements & Resurfacing	2015/16
NE 29 th Place (South) Drainage Improvements, Street Lights & Resurfacing	2015/16
NE 213 th Street Seawall Repairs	2015/16
Stormwater Master Plan – Phase I	2015/16
NE 183 rd Street, NE 188 th Street & NE 190 th Street Seawall Improvements	2016/17
Stormwater Master Plan – Phase I	2016/17
Aventura Blvd. Drainage Improvement	2017/18
Country Club Drive Drainage Improvement (Swales)	2017/18

Funding Plan by Source

Total funding required for the proposed Drainage Improvements Projects will be \$1,225,000 and will be funded as follows:

**PROPOSED DRAINAGE IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
Stormwater Utility Fund - 410	\$ 275,000	\$ 275,000	\$ 275,000	\$ 200,000	\$ 200,000	1,225,000
Totals	\$ 275,000	\$ 275,000	\$ 275,000	\$ 200,000	\$ 200,000	1,225,000

On the following pages, you will find the tables (as outlined below) that summarize and detail the proposed Transportation Improvement Projects:

- ✓ Summary by Year (Table DI-1)
- ✓ Funding Plan by Project Category (Table DI-2)
- ✓ Projects Scheduled for 2018/19 – 2022/23 (Table DI-3)

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TABLE DI-1

PROPOSED DRAINAGE IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
D11	Stormwater Drainage Improvements	\$ 275,000	\$ 275,000	\$ 275,000	\$ 200,000	\$ 200,000	\$ 1,225,000
	Totals	\$ 275,000	\$ 275,000	\$ 275,000	\$ 200,000	\$ 200,000	\$ 1,225,000

TABLE DI-2

PROPOSED DRAINAGE IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY PROJECT CATEGORY

CIP #	PROJECT CATEGORY	TOTAL	STORMWATER UTILITY FUND - 410
D11	Stormwater Drainage Improvements	\$ 1,225,000	\$ 1,225,000
	Totals	\$ 1,225,000	\$ 1,225,000

TABLE DI-3

PROPOSED DRAINAGE IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
D11 - PW/T Stormwater Drainage Improvements												
<i>This project consists of various drainage improvements to address the long-term impacts of the rising sea levels. (G/L# 410-5401-538.63-06)</i>												
	CC Dr. Irrigation Relocation	PW/T	N/A	N/A	-	-	-	\$ 75,000	\$ 75,000	\$ -	\$ -	-
	CC Dr. Swale Cut & Lehman Cause. Sod Proj.	PW/T	N/A	-	-	-	-	75,000	-	-	-	-
	Storm Grates NE Section	PW/T	N/A	-	-	-	-	125,000	-	-	-	-
	CC Dr. Swale Cut & Aventura Blvd. Sod Proj.	PW/T	-	N/A	-	-	-	-	75,000	-	-	-
	Storm Grates NW Section	PW/T	-	N/A	-	-	-	-	125,000	-	-	-
	CC Dr. Swale Cut & 34th Ave. Sod Proj.	PW/T	-	-	N/A	-	-	-	-	75,000	-	-
	Storm Grates SE Section	PW/T	-	-	N/A	-	-	-	-	125,000	-	-
	NE 209th Street Drainage Improvements	PW/T	-	-	N/A	-	-	-	-	75,000	-	-
	CC Dr. Swale Cut & NE 201st St. Sod Proj.	PW/T	-	-	-	N/A	-	-	-	-	75,000	-
	Storm Grates SW Section	PW/T	-	-	-	N/A	-	-	-	-	125,000	-
	CC Dr. F Curb Installation at Various Locations	PW/T	-	-	-	-	N/A	-	-	-	-	200,000
Subtotal								\$ 275,000	\$ 275,000	\$ 275,000	\$ 200,000	\$ 200,000
Totals								\$ 275,000	\$ 275,000	\$ 275,000	\$ 200,000	\$ 200,000

CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23



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CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23



**PUBLIC BUILDING AND
FACILITY IMPROVEMENT
PROJECTS**

Public Building and Facility Improvement Projects

Capital projects in this functional category include providing new facilities or improvements to existing facilities to serve the City's residents. The CIP includes six (6) projects totaling \$1,338,880. The major projects included in this category are the Government Center Improvements and the Roofing Repairs and Other Improvements at the Aventura City of Excellence School.

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 the useful life of these facilities.

Prior Accomplishments

The following projects have been completed or are scheduled for completion as of the 2017/18 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 by Source

Total funding required for the proposed Public Building and Facility Improvements Projects will be \$1,338,880 and will be funded as follows:

**PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
General Fund - 001	\$ 92,500	\$ 286,500	\$ 212,000	\$ -	\$ 50,000	\$ 641,000
Charter School Fund - 190	448,880	92,000	35,000	91,000	31,000	697,880
Totals	\$ 541,380	\$ 378,500	\$ 247,000	\$ 91,000	\$ 81,000	\$ 1,338,880

On the following pages, you will find the tables (as outlined below) that summarize and detail the proposed Public Building and Facility Improvements Projects:

- ✓ Summary by Year (Table PBF-1)
- ✓ Funding Plan by Project Category (Table PBF-2)
- ✓ Projects Scheduled for 2018/19 – 2022/23 (Table PBF-3)

TABLE PBF-1

**PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
SUMMARY BY YEAR**

CIP #	PROJECT CATEGORY	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
PBF1	Police Department Improvements	\$ -	\$ -	\$ 100,000	\$ -	\$ -	100,000
PBF2	Building Repairs and Other Improvements	402,880	35,000	35,000	35,000	-	507,880
PBF3	Community Recreation Center Improvements	75,000	93,500	80,000	-	-	248,500
PBF4	Government Center Improvements	-	170,000	17,000	-	50,000	237,000
PBF5	HVAC Replacements	62,000	57,000	15,000	56,000	31,000	221,000
PBF6	AACC Improvements	1,500	23,000	-	-	-	24,500
Totals		\$ 541,380	\$ 378,500	\$ 247,000	\$ 91,000	\$ 81,000	\$ 1,338,880

TABLE PBF-2

**PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY PROJECT CATEGORY**

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	GENERAL FUND - 001	CHARTER SCHOOL FUND - 190
PBF1	Police Department Improvements	PD	\$ 100,000	\$ 100,000	\$ -
PBF2	Building Repairs and Other Improvements	ACES	507,880	-	507,880
PBF3	Community Recreation Center Improvements	CS	248,500	248,500	-
PBF4	Government Center Improvements	PW/T	237,000	237,000	-
PBF5	HVAC Replacements	PW/T / ACES	221,000	31,000	190,000
PBF6	AACC Improvements	AACC	24,500	24,500	-
Totals			\$ 1,338,880	\$ 641,000	\$ 697,880

TABLE PBF-3

PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
PBF1 - PD Police Department Improvements												
<i>This project consists of improvements to the console panels in the Communications Center.</i>												
	Police Communications Center Improvements	PD	-	-	N/A	-	-	\$ -	\$ -	\$ 100,000	\$ -	-
Subtotal							\$ -	\$ -	\$ 100,000	\$ -	\$ -	-
PBF2 - ACES Building Repairs and Other Improvements												
<i>This project consists of roof repairs and other improvements at the Aventura City of Excellence School. (G/L# 190-6010-569.64-10)</i>												
	Middle School Roof Repairs	ACES	N/A	-	-	-	-	\$ 217,880	\$ -	\$ -	\$ -	-
	ACES Play Area Turf Replacement Project	ACES	N/A	-	-	-	-	110,000	-	-	-	-
<u>Other Improvements</u>												
	Restroom Renovation - Elementary School	ACES	1	1	1	1	-	35,000	35,000	35,000	35,000	-
	Extend the Sidewalk near the Middle School I	ACES	N/A	-	-	-	-	35,000	-	-	-	-
	Drinking Fountain	ACES	1	-	-	-	-	5,000	-	-	-	-
Subtotal							\$ 402,880	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	-
PBF3 - CS Community Recreation Center Improvements												
<i>This project consists of various improvements at the Community Recreation Center. (G/L# 001-8050-572.62-05)</i>												
	Security Enhancements	CS	N/A	-	-	-	-	\$ 75,000	\$ -	\$ -	\$ -	-
	Restroom Renovations	CS	-	2	2	-	-	-	80,000	60,000	-	-
	Replace Gym Lighting with LED Lights	CS	-	N/A	-	-	-	-	13,500	-	-	-
	Replace Partition Wall	CS	-	-	1	-	-	-	-	20,000	-	-
Subtotal							\$ 75,000	\$ 93,500	\$ 80,000	\$ -	\$ -	-
PBF4 - PW/T Government Center Improvements												
<i>This project consists of various improvements at the Government Center. (G/L# 001-8054-539.64-21)</i>												
	Government Center Roofing Repairs	PW/T	-	N/A	-	-	-	\$ -	\$ 170,000	\$ -	\$ -	-
	Tile 4th Floor Lobby	PW/T	-	-	N/A	-	-	-	-	17,000	-	-
	Replace Commission Chamber's Carpeting	PW/T	-	-	-	-	N/A	-	-	-	-	50,000
Subtotal							\$ -	\$ 170,000	\$ 17,000	\$ -	\$ -	50,000

TABLE PBF-3 (Continued)

PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
PBF5 - PW/T HVAC Replacements												
<i>This project consists of replacing air conditioning units at various City facilities. (G/L# 001-8054-539.64-20)</i>												
	Replace Air Handler at Government Center	PW/T	1	-	-	-	-	\$ 16,000	\$ -	\$ -	\$ -	-
	Replace 3-5 ton HVAC unit at Government Cer	PW/T	-	-	1	-	-	-	-	15,000	-	-
	Subtotal							\$ 16,000	\$ -	\$ 15,000	\$ -	-
<i>This project consists of replacing air conditioning units at various City facilities. (G/L# 190-6010-569.64-20)</i>												
	Replace 17.5 ton HVAC unit at ACES	ACES	1	1	-	1	-	\$ 25,000	\$ 25,000	\$ -	\$ 28,000	\$ -
	Replace 12.5 ton HVAC unit at ACES	ACES	1	-	-	-	-	21,000	-	-	-	-
	Replace 30 ton HVAC unit at ACES	ACES	-	1	-	-	-	-	32,000	-	-	-
	Replace 20 ton HVAC unit at ACES	ACES	-	-	-	1	-	-	-	-	28,000	-
	Replace 25 ton HVAC unit at ACES	ACES	-	-	-	-	1	-	-	-	-	31,000
	Subtotal							\$ 46,000	\$ 57,000	\$ -	\$ 56,000	\$ 31,000
PBF6 - AACC ACCC Improvements												
<i>This project consists of various improvements at the Arts and Cultural Center. (G/L# 001-8070-575.63-01)</i>												
	City Seal on Building Façade	AACC	1	-	-	-	-	\$ 1,500	\$ -	\$ -	\$ -	-
	AACC Improvements (Carpeting)	AACC	-	N/A	-	-	-	-	23,000	-	-	-
	Subtotal							\$ 1,500	\$ 23,000	\$ -	\$ -	-
	Totals							\$ 541,380	\$ 378,500	\$ 247,000	\$ 91,000	\$ 81,000

**CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23**



**INFORMATION TECHNOLOGY
IMPROVEMENT
PROJECTS**

Information Technology Improvement Projects

This section includes projects relating to the City’s Information Technology Systems (i.e., communication systems, data processing and the automation of certain operations by utilizing the latest technology to enhance productivity and efficiency) for all operating departments. There are a total of 14 projects totaling \$5,011,375.

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 a state-of-the-art Citywide radio communications capability 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 emergency response times.
- ✓ Utilize the latest technology for education and teaching at the Charter School and the Aventura Charter High School.

Funding Plan by Source

Total funding required for the proposed Information Technology Projects will be \$5,011,375 and will be funded as follows:

**PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
General Fund - 001	\$ 448,625	\$ 429,875	\$ 445,875	\$ 438,875	\$ 600,625	\$ 2,363,875
Charter School Fund - 190	421,500	411,000	358,500	430,500	363,500	1,985,000
Charter High School Fund - 191	-	62,500	200,000	200,000	200,000	662,500
Totals	\$ 870,125	\$ 903,375	\$ 1,004,375	\$ 1,069,375	\$ 1,164,125	\$ 5,011,375

On the following pages, you will find the tables (as outlined below) that summarize and detail the proposed Information Technology Improvement Projects:

- ✓ Summary by Year (Table IT-1)
- ✓ Funding Plan by Project Category (Table IT-2)
- ✓ Projects Scheduled for 2018/19 – 2022/23 (Table IT-3)

TABLE IT-1

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
IT1	Police Computers Systems<\$5000	\$ 165,375	\$ 111,375	\$ 130,375	\$ 128,375	\$ 195,375	730,875
IT2	Central Computer System>\$5000	200,000	235,000	240,000	250,000	320,000	1,245,000
IT3	Radios	32,000	30,000	42,000	20,000	30,000	154,000
IT4	Computer Equipment>\$5000	155,000	132,500	111,000	136,000	125,000	659,500
IT5	Computer Equipment<\$5000	266,500	278,500	247,500	294,500	238,500	1,325,500
IT6	Computer Equipment<\$5000	-	62,500	200,000	200,000	200,000	662,500
IT7	Computer Equipment<\$5000	6,000	6,000	8,000	8,000	8,000	36,000
IT8	Computer Equipment<\$5000	3,000	5,000	2,000	3,000	3,000	16,000
IT9	Computer Equipment<\$5000	3,000	2,000	1,000	1,000	2,000	\$ 9,000
IT10	Computer Equipment<\$5000	8,000	6,000	3,000	2,000	6,000	25,000
IT11	Computer Equipment<\$5000	5,500	8,000	8,000	14,000	13,000	48,500
IT12	Computer Equipment<\$5000	20,750	11,500	6,500	5,500	15,250	59,500
IT13	Computer Equipment<\$5000	4,000	13,000	4,000	5,000	5,000	31,000
IT14	Computer Equipment<\$5000	1,000	2,000	1,000	2,000	3,000	9,000
Totals		\$ 870,125	\$ 903,375	\$ 1,004,375	\$ 1,069,375	\$ 1,164,125	\$ 5,011,375

TABLE IT-2

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY PROJECT CATEGORY AND SOURCE

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	GENERAL FUND - 001	CHARTER SCHOOL FUND - 190	CHARTER HIGH SCHOOL FUND - 191
IT1	Police Computers Systems<\$5000	PD	\$ 730,875	\$ 730,875	-	-
IT2	Central Computer System>\$5000	IT	1,245,000	1,245,000	-	-
IT3	Radios	PD	154,000	154,000	-	-
IT4	Computer Equipment>\$5000	ACES	659,500	-	659,500	-
IT5	Computer Equipment<\$5000	ACES	1,325,500	-	1,325,500	-
IT6	Computer Equipment<\$5000	ACHS	662,500	-	-	662,500
IT7	Computer Equipment<\$5000	IT	36,000	36,000	-	-
IT8	Computer Equipment<\$5000	F	16,000	16,000	-	-
IT9	Computer Equipment<\$5000	CM	9,000	9,000	-	-
IT10	Computer Equipment<\$5000	PW/T	25,000	25,000	-	-
IT11	Computer Equipment<\$5000	CS	48,500	48,500	-	-
IT12	Computer Equipment<\$5000	CD	59,500	59,500	-	-
IT13	Computer Equipment<\$5000	AACC	31,000	31,000	-	-
IT14	Computer Equipment<\$5000	CC	9,000	9,000	-	-
Totals			\$ 5,011,375	\$ 2,363,875	\$ 1,985,000	\$ 662,500

TABLE IT-3

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
IT1 - PD	Police Computers Systems < \$5000											
<i>This project consists of purchasing computer equipment and software that utilizes the latest technology for the Police Department. (G/L# 001-8020-521.64-02)</i>												
	Computer Upgrades	PD	N/A	N/A	N/A	N/A	N/A	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
	Desktop Computer(s)	PD	20	20	20	20	20	24,000	24,000	24,000	24,000	24,000
	Desktop Scanner(s)	PD	N/A	N/A	N/A	N/A	N/A	4,000	2,000	2,000	3,000	4,000
	Laser Printer(s)	PD	N/A	N/A	N/A	N/A	N/A	1,500	1,500	1,500	1,500	1,500
	Replace Mobile Laptop(s)	PD	25	25	25	25	25	50,000	50,000	50,000	50,000	50,000
	Replace Server(s)	PD	N/A	N/A	N/A	N/A	N/A	7,000	7,000	7,000	7,000	7,000
	Vehicle Modem(s)	PD	N/A	N/A	N/A	N/A	N/A	56,000	14,000	14,000	14,000	56,000
	Vehicle Printer(s)	PD	N/A	N/A	N/A	N/A	N/A	7,875	7,875	7,875	7,875	7,875
	Laptop-Ruggized	PD	N/A	-	N/A	-	-	10,000	-	4,000	4,000	-
	Replace In-Car Video Server	PD	-	-	N/A	-	-	-	-	15,000	-	-
	EOC Desktop Computers	PD	-	-	-	N/A	-	-	-	-	12,000	-
	Data Storage	PD	-	-	-	-	N/A	-	-	-	-	40,000
	Subtotal							\$ 165,375	\$ 111,375	\$ 130,375	\$ 128,375	\$ 195,375
IT2 - IT	Central Management Information System > \$5000											
<i>This project consists of purchasing new and replacement computer hardware and software that utilizes the latest technology for the City's general information management system, which is utilized by all City Departments. (G/L# 001-8012-513.64-01)</i>												
	Software/Licenses/Upgrades	IT	N/A	N/A	N/A	N/A	N/A	\$ 20,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 25,000
	Servers/ Security/UPS/Switches	IT	N/A	N/A	N/A	N/A	N/A	85,000	85,000	80,000	100,000	120,000
	AS 400 Upgrades	IT	N/A	N/A	N/A	N/A	N/A	5,000	5,000	5,000	5,000	30,000
	Upgrade Phone System	IT	N/A	N/A	N/A	N/A	N/A	5,000	5,000	5,000	5,000	20,000
	TVMS Equipment Upgrades	IT	N/A	N/A	N/A	N/A	N/A	65,000	75,000	100,000	100,000	100,000
	Security Camera(s)/Recorder(s)	IT	N/A	N/A	N/A	N/A	N/A	20,000	50,000	20,000	20,000	10,000
	Upgrade Video System Solution	IT	-	-	N/A	-	-	-	-	10,000	-	-
	Equipment for Redundant Site	IT	-	-	-	-	N/A	-	-	-	-	15,000
	Subtotal							\$ 200,000	\$ 235,000	\$ 240,000	\$ 250,000	\$ 320,000
IT3 - PD	Radios											
<i>This project consists of upgrading the equipment for the 800 Mhz police radio system to ensure a state-of-the-art system and to maintain the E911 system and the purchasing of new radios for projected additional vehicles and personnel in the Police Department. (G/L# 001-8020-521.64-07)</i>												
	E911 Equipment Upgrades	PD	N/A	N/A	N/A	N/A	N/A	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
	Replace Mobile Radio(s)	PD	5	4	8	2	4	22,000	20,000	32,000	10,000	20,000
	Subtotal							\$ 32,000	\$ 30,000	\$ 42,000	\$ 20,000	\$ 30,000

TABLE IT-3 (Continued)

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
IT4 - ACES	Computer Equipment > \$5,000											
<i>This project consists of the regular replacement of smartboards and network infrastructure at ACES (> \$5,000). (G/L# 190-6010-569.64-01)</i>												
	Replace Network Infrastructure	ACES	N/A	N/A	N/A	N/A	N/A	\$ 45,000	\$ 20,000	\$ 25,000	\$ 50,000	\$ 45,000
	Replace AV Equipment and Smartb	ACES	10	15	10	10	10	65,000	97,500	65,000	65,000	65,000
	Replace Mobile Radio(s)	ACES	42	-	-	-	-	45,000	-	-	-	-
	Phone System Upgrade	ACES	-	N/A	-	-	N/A	-	15,000	-	-	15,000
	Replace Server(s)	ACES	-	-	3	3	-	-	-	21,000	21,000	-
	Subtotal							\$ 155,000	\$ 132,500	\$ 111,000	\$ 136,000	\$ 125,000
IT5 - ACES	Computer Equipment < \$5,000											
<i>This project consists of the regular replacement of the computers, laptops, servers and network infrastructure at ACES (< \$5,000). (G/L# 190-6010-569.64-02)</i>												
	Replace Laptop(s)/Computer(s)	ACES	150	165	150	170	115	\$ 150,000	\$ 165,000	\$ 150,000	\$ 170,000	\$ 115,000
	Tablet Computer(s)	ACES	155	155	125	155	155	77,500	77,500	62,500	77,500	77,500
	Mobile Learning Computer Labs	ACES	7	8	8	9	8	21,000	24,000	24,000	27,000	24,000
	Desktop for Multimedia Classroom	ACES	3	-	-	2	3	12,000	-	-	8,000	12,000
	Replace Desktop Scanner(s)	ACES	1	-	1	-	-	1,000	-	1,000	-	-
	Replace Security Cameras	ACES	N/A	N/A	N/A	N/A	N/A	5,000	10,000	10,000	10,000	10,000
	Replace Color Laser Printer	ACES	-	1	-	1	-	-	2,000	-	2,000	-
	Subtotal							\$ 266,500	\$ 278,500	\$ 247,500	\$ 294,500	\$ 238,500
IT6 - ACHS	Computer Equipment < \$5,000											
<i>This project consists of the regular replacement of the computers, laptops, servers and network infrastructure at the Aventura Charter High School.</i>												
	Replace Laptop(s)/Computer(s)	ACHS	-	TBD	TBD	TBD	TBD	\$ -	\$ 62,500	\$ 200,000	\$ 200,000	\$ 200,000
	Subtotal							\$ -	\$ 62,500	\$ 200,000	\$ 200,000	\$ 200,000
IT7 - IT	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized in the Information Technology Department. (G/L# 001-8012-513.64-02)</i>												
	Computer Equipment <\$5,000	IT	1	1	1	1	1	\$ 6,000	\$ 6,000	\$ 8,000	\$ 8,000	\$ 8,000
	Subtotal							\$ 6,000	\$ 6,000	\$ 8,000	\$ 8,000	\$ 8,000
IT8 - F	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized in the Finance Department. (G/L# 001-8010-513.64-02)</i>												
	Computer Equipment <\$5,000	F	3	2	2	3	3	\$ 3,000	\$ 5,000	\$ 2,000	\$ 3,000	\$ 3,000
	Subtotal							\$ 3,000	\$ 5,000	\$ 2,000	\$ 3,000	\$ 3,000
IT9 - CM	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized in the Office of the City Manager. (G/L# 001-8005-512.64-02)</i>												
	Computer Equipment <\$5,000	CM	-	2	-	-	2	\$ 3,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 2,000
	Subtotal							\$ 3,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 2,000

TABLE IT-3 (Continued)

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			Year	1	2	3	4					
IT10 - PW/T	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized by the Public Works/Transportation Department. (G/L# 001-8054-541.64-02)</i>												
	Replace Computer(s)	PW/T	1	1	1	1	1	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	Replace Plotter	PW/T	1	-	-	-	-	6,000	-	-	-	-
	Upgrade GIS Software	PW/T	1	1	1	1	-	1,000	1,000	1,000	1,000	1,000
	Upgrade Visitor ID System	PW/T	-	1	-	-	-	-	4,000	-	-	-
	Replace Desktop Scanner	PW/T	-	-	1	-	-	-	-	1,000	-	-
	Replace HVAC Computer	PW/T	-	-	-	-	1	-	-	-	-	4,000
	Subtotal							\$ 8,000	\$ 6,000	\$ 3,000	\$ 2,000	\$ 6,000
IT11 - CS	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized by the Community Services Department and the Community Recreation Center. (G/L# 001-8050-539.64-02)</i>												
	Replace Computer(s)	CS	4	4	4	9	9	\$ 4,000	\$ 4,000	\$ 4,000	\$ 9,000	\$ 9,000
	Replace Laptop(s)	CS	1	-	-	-	-	1,500	-	-	-	-
	Replace ID Printer	CS	-	1	1	-	1	-	4,000	4,000	-	4,000
	Replace iPads	CS	-	-	-	3	-	-	-	-	3,000	-
	Replace Scanner	CS	-	-	-	1	-	-	-	-	1,000	-
	Replace Large Format Pinter	CS	-	-	-	1	-	-	-	-	1,000	-
	Subtotal							\$ 5,500	\$ 8,000	\$ 8,000	\$ 14,000	\$ 13,000
IT12 - CD	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized by the Community Development Department's Code Compliance and Building Inspection Divisions. (G/L# 001-8040-524.6)</i>												
	Replace Computer(s)	CD	5	5	5	5	5	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
	Replace Laserjet Printer(s)	CD	1	1	1	1	2	500	500	500	500	1,000
	Kiosk for 4th Floor Lobby	CD	1	1	-	-	-	6,000	6,000	-	-	-
	Replace Desktop Scanner(s)	CD	1	-	1	-	1	1,000	-	1,000	-	1,000
	iPads for Inspection for City Staff	CD	3	-	-	-	3	2,250	-	-	-	2,250
	iPads for Inspection for CAP Staff	CD	8	-	-	-	8	6,000	-	-	-	6,000
	Subtotal							\$ 20,750	\$ 11,500	\$ 6,500	\$ 5,500	\$ 15,250
IT13 - AACC	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized at the Arts and Cultural Center. (G/L# 001-8070-575.64-02)</i>												
	Replace PCs/Laptop(s)/Tablet(s)	AACC	4	2	4	3	3	\$ 4,000	\$ 2,000	\$ 4,000	\$ 3,000	\$ 3,000
	Replace Point of Sale System	AACC	-	1	-	-	-	-	11,000	-	-	-
	Network Switches	AACC	-	-	-	N/A	-	-	-	-	2,000	-
	Replace Color Laser Printer(s)	AACC	-	-	-	-	1	-	-	-	-	2,000
	Subtotal							\$ 4,000	\$ 13,000	\$ 4,000	\$ 5,000	\$ 5,000
IT14 - CC	Computer Equipment < \$5,000											
<i>This project consists of the replacement and upgrade of computer equipment utilized in the City Clerk's Office. (G/L# 001-8008-519.64-02)</i>												
	Computer Equipment <\$5,000	CC	1	2	1	2	2	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 3,000
	Subtotal							\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 3,000
	Totals							\$ 870,125	\$ 903,375	\$ 1,004,375	\$ 1,069,375	\$ 1,164,125

CITY OF AVENTURA
CAPITAL IMPROVEMENT PROGRAM
2018/19 – 2022/23



CAPITAL EQUIPMENT
PURCHASE AND REPLACEMENT
PROJECTS

Capital Equipment Purchase and Replacement Projects

This section includes projects relating to Capital Equipment Purchases and Replacements for all operating departments. There are a total of 10 projects totaling \$3,989,980.

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 continue to efficiently and effectively provide municipal services to the City’s residents.

- Replace equipment when it becomes 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 Projects

Most of the projects outlined in the 2018/19 – 2022/23 CIP pertain to vehicles, operational equipment and classroom furniture and school crossing flashers related to the Aventura Charter High School. 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 (1) 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 by Source

Total funding required for the proposed Capital Equipment Purchase and Replacement Projects will be \$3,989,980 and will be funded as follows:

**PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
General Fund - 001	\$ 871,750	\$ 762,050	\$ 715,580	\$ 643,600	\$ 594,800	\$ 3,587,780
Charter School Fund - 190	-	20,000	20,000	20,000	20,000	80,000
Capital Projects Fund - 392	134,700	-	-	-	-	134,700
Aventura Charter High School Construction Fund - 393	-	187,500	-	-	-	187,500
Totals	\$ 1,006,450	\$ 969,550	\$ 735,580	\$ 663,600	\$ 614,800	\$ 3,989,980

On the following pages, you will find the tables (as outlined below) that summarize and detail the proposed Capital Equipment Purchase and Replacement Projects:

- ✓ Summary by Year (Table CE-1)
- ✓ Funding Plan by Project Category (Table CE-2)
- ✓ Projects Scheduled for 2018/19 – 2022/23 (Table CE-3)

TABLE CE-1

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	TOTAL
CE1	Vehicle Purchase & Replacements	PD	\$ 442,000	\$ 414,500	\$ 399,500	\$ 296,000	\$ 400,000	\$ 1,952,000
CE2	Equipment Purchase and Replacement>500	PD	180,900	198,900	116,600	158,000	92,000	746,400
CE3	Equipment Purchase and Replacement<500	PD	156,100	42,400	40,980	28,900	16,900	285,280
CE4	Equipment Purchase and Replacement>500	ACHS	-	187,500	-	-	-	187,500
CE5	Equipment Purchase and Replacement>500	CS	89,200	34,600	17,500	26,700	11,000	179,000
CE6	Equipment Purchase and Replacement>500	PW/T	30,000	-	30,000	55,000	30,000	145,000
CE7	Equipment Purchase and Replacement<500	CS	10,250	15,150	9,000	5,500	10,900	50,800
CE8	Equipment Purchase and Replacement>500	AACC	68,000	56,500	102,000	73,500	34,000	334,000
CE9	Equipment Purchase and Replacement>500	CD	30,000	-	-	-	-	30,000
CE10	Equipment Purchase and Replacement>500	ACES	-	20,000	20,000	20,000	20,000	80,000
Totals			\$ 1,006,450	\$ 969,550	\$ 735,580	\$ 663,600	\$ 614,800	\$ 3,989,980

TABLE CE-2

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23
FUNDING PLAN BY PROJECT CATEGORY AND SOURCE

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	GENERAL FUND - 001	CHARTER SCHOOL FUND - 190	CAPITAL PROJECTS FUND - 392	CHARTER HS CONST. FUND - 393
CE1	Vehicle Purchase & Replacements	PD	\$ 1,952,000	\$ 1,952,000	\$ -	\$ -	-
CE2	Equipment Purchase and Replacement>500	PD	746,400	746,400	-	-	-
CE3	Equipment Purchase and Replacement<500	PD	285,280	150,580	-	134,700	-
CE4	Equipment Purchase and Replacement>500	ACHS	187,500	-	-	-	187,500
CE5	Equipment Purchase and Replacement>500	CS	179,000	179,000	-	-	-
CE6	Equipment Purchase and Replacement>500	PW/T	145,000	145,000	-	-	-
CE7	Equipment Purchase and Replacement<500	CS	50,800	50,800	-	-	-
CE8	Equipment Purchase and Replacement>500	AACC	334,000	334,000	-	-	-
CE9	Equipment Purchase and Replacement>500	CD	30,000	30,000	-	-	-
CE10	Equipment Purchase and Replacement>500	ACES	80,000	-	80,000	-	-
Totals			\$ 3,989,980	\$ 3,587,780	\$ 80,000	\$ 134,700	\$ 187,500

TABLE CE-3

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
CE1 - PD	Vehicle Purchase & Replacements											
<i>This project consists of purchasing police vehicles to accommodate new employee additions and to establish a vehicle replacement program in the Police Department. (G/L# 001-8020-521.64-50)</i>												
	Replace Patrol Vehicles	PD	10	10	9	8	10	\$ 345,000	\$ 345,000	\$ 319,500	\$ 284,000	\$ 365,000
	Replace Crime Scene Van	PD	1	-	1	-	-	35,000	-	38,000	-	-
	Replace Fleet Truck	PD	1	-	-	-	-	32,000	-	-	-	-
	Replace Crime Prevention Van	PD	1	-	-	-	-	30,000	-	-	-	-
	Replace Traffic Sergeant Vehicle	PD	-	1	-	-	-	-	35,000	-	-	-
	Replace Traffic Vehicle	PD	-	1	-	-	-	-	34,500	-	-	-
	Replace K-9 Vehicle	PD	-	-	1	-	-	-	-	42,000	-	-
	Replace Boat Trailer	PD	-	-	-	1	-	-	-	-	12,000	-
	Replace Marine Patrol Vehicle	PD	-	-	-	-	1	-	-	-	-	35,000
	Subtotal							\$ 442,000	\$ 414,500	\$ 399,500	\$ 296,000	\$ 400,000
CE2 - PD	Equipment Purchase and Replacement > \$5000											
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (> \$5,000) for the Police Department. (G/L# 001-8020-521.64-10)</i>												
	Vehicle Equipment	PD	10	10	9	8	10	\$ 82,400	\$ 77,400	\$ 62,600	\$ 77,000	\$ 74,000
	Replace In-Car Video	PD	5	3	5	3	-	25,000	15,000	25,000	15,000	-
	Crime Scene Vehicle Equipment	PD	1	-	1	-	-	8,000	-	8,000	-	-
	Crime Prevention Van Equipment	PD	1	-	-	-	-	3,000	-	-	-	-
	Fuel Master/veeder Root System	PD	1	-	-	-	-	32,000	-	-	-	-
	Replace K-9	PD	1	-	-	-	-	9,000	-	-	-	-
	Vermac Message Board	PD	1	-	-	-	-	21,500	-	-	-	-
	Dive Team Equipment	PD	-	TBD	-	-	-	-	5,000	-	-	-
	Ductless Fuming Hood	PD	-	1	-	-	-	-	13,900	-	-	-
	Traffic Sergeant Vehicle Equipment	PD	-	1	-	-	-	-	8,800	-	-	-
	Traffic Vehicle Equipment	PD	-	1	-	-	-	-	8,800	-	-	-
	Update/Refit Existing Boat	PD	-	1	-	-	-	-	50,000	-	-	-
	Vermac Sign Board	PD	-	1	-	-	-	-	20,000	-	-	-
	K-9 Vehicle Equipment	PD	-	-	1	-	-	-	-	13,000	-	-
	Replace Drying Cabinet	PD	-	-	1	-	-	-	-	8,000	-	-
	Replace Boat Engines	PD	-	-	-	2	-	-	-	-	60,000	-
	Replace Marine Patrol Truck Equipment	PD	-	-	-	1	1	-	-	-	6,000	6,000
	Replace Interview Room Recording Equipme	PD	-	-	-	-	TBD	-	-	-	-	12,000
	Subtotal							\$ 180,900	\$ 198,900	\$ 116,600	\$ 158,000	\$ 92,000

TABLE CE-3 (Continued)

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
CE3 - PD	Equipment Purchase and Replacement < \$5000											
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (< \$5,000) for the Police Department. (G/L# 001-8020-521.64-11)</i>												
	Tasers	PD	5	6	-	-	\$ 6,500	\$ 8,000	\$ -	\$ -	\$ -	\$ -
	Canon XA30 Camcorder (DB)	PD	3	-	-	-	1,600	-	-	-	-	-
	PIO Portable Teleprompter	PD	1	-	-	-	2,500	-	-	-	-	-
	Portable GPS Tracker (CSU)	PD	1	-	-	-	1,200	-	-	-	-	-
	Replace Dive Team Equipment	PD	TBD	-	-	-	2,400	-	-	-	-	-
	Replace SWAT Handguns	PD	11	-	-	-	7,200	-	-	-	-	-
	Replace Ballistic Vests	PD	-	12	25	18	13	-	15,600	32,500	23,400	16,900
	Swat Vests	PD	-	1	-	1	-	-	4,000	-	4,000	-
	Camera	PD	-	1	-	-	-	-	3,400	-	-	-
	Replace Motor Helmet Communication System	PD	-	2	-	-	-	-	1,700	-	-	-
	Replace Motor Helmets	PD	-	2	-	-	-	-	1,900	-	-	-
	Vehicle Mounted Radar Unit	PD	-	3	-	-	-	-	7,800	-	-	-
	Replace Handheld Radar Units	PD	-	-	3	-	-	-	-	4,680	-	-
	Traffic Cones	PD	-	-	200	-	-	-	-	3,800	-	-
	UAS Battery Replacement Craft	PD	-	-	-	3	-	-	-	-	1,500	-
	Subtotal						\$ 21,400	\$ 42,400	\$ 40,980	\$ 28,900	\$ 16,900	

This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (< \$5,000) for the Police Department. (G/L# 392-2001-521.64-11)

	Replace Ballistic Vests	PD	16	-	-	-	\$ 17,600	\$ -	\$ -	\$ -	\$ -	\$ -
	Swat Vests	PD	8	-	-	-	32,000	-	-	-	-	-
	Laser Unit(s)	PD	1	-	-	-	2,500	-	-	-	-	-
	Replace AEDs	PD	60	-	-	-	65,000	-	-	-	-	-
	Replace SWAT Rifles	PD	12	-	-	-	15,000	-	-	-	-	-
	UAS Battery Replacement Craft	PD	3	-	-	-	1,500	-	-	-	-	-
	Wireless IP Camera (CSU)	PD	1	-	-	-	1,100	-	-	-	-	-
	Subtotal						\$ 134,700	\$ -				

CE4 - ACHS Equipment Purchase and Replacement > \$5,000

This project consists of purchasing new equipment (> \$5,000) for the Aventura Charter High School.

	ACHS Classroom Furniture	ACHS	-	TBD	-	-	\$ -	\$ 187,500	\$ -	\$ -	\$ -	\$ -
	Subtotal						\$ -	\$ 187,500	\$ -	\$ -	\$ -	\$ -

TABLE CE-3 (Continued)

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			Year	1	2	3	4					
CE5 - CS	Equipment Purchase and Replacement > \$5,000											
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (> \$5,000) for the Community Services Department. (G/L# 001-8050-539.64-10)</i>												
	Electric Low Speed Vehicle(s)	CS	2	-	-	-	-	\$ 32,000	\$ -	\$ -	\$ -	\$ -
	Replace Mobile Radio(s)	CS	35	-	-	-	-	35,000	-	-	-	-
	Replace Strength Machines at CRC	CS	2	2	2	3	-	9,200	8,600	11,000	9,200	-
	Replace Treadmills at CRC	CS	2	2	-	-	-	13,000	13,500	-	-	-
	Replace Player Benches	CS	-	TBD	-	-	-	-	7,000	-	-	-
	Replace Stair Climber	CS	-	1	-	-	-	-	5,500	-	-	-
	Replace Recumbent Bikes at CRC	CS	-	-	2	-	-	-	-	6,500	-	-
	Replace Ellipticals at CRC	CS	-	-	-	2	-	-	-	-	11,500	-
	Replace Soccer Goals	CS	-	-	-	TBD	-	-	-	-	6,000	-
	Replace Tech Center Furniture	CS	-	-	-	-	TBD	-	-	-	-	11,000
	Subtotal							\$ 89,200	\$ 34,600	\$ 17,500	\$ 26,700	\$ 11,000
CE6 - PW/T	Equipment Purchase and Replacement > \$5,000											
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (> \$5,000) for the Public Works/Transportation Department. (G/L# 001-8054-541.64-10)</i>												
	Replace Hybrid Utility Vehicle(s)	PW/T	1	-	-	-	-	\$ 30,000	\$ -	\$ -	\$ -	\$ -
	Replace Sedan	PW/T	-	-	1	1	-	-	-	30,000	25,000	-
	Replace Pickup Truck	PW/T	-	-	-	1	1	-	-	-	30,000	30,000
	Subtotal							\$ 30,000	\$ -	\$ 30,000	\$ 55,000	\$ 30,000
CE7 - CS	Equipment Purchase and Replacement < \$5,000											
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (< \$5,000) for the Community Services Department. (G/L# 001-8050-539.64-11)</i>												
	Replace Tents	CS	2	2	2	2	2	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
	Replace Tables	CS	10	10	10	-	-	2,400	2,400	2,400	-	-
	Replace Chairs/Carts	CS	20,2	20,2	-	-	-	2,350	2,350	-	-	-
	Replace Sports Fencing Panels	CS	TBD	TBD	-	TBD	TBD	3,500	3,500	-	3,500	4,000
	Replace Soccer Goals	CS	-	2	-	-	2	-	4,900	-	-	4,900
	Replace Outdoor Tables	CS	-	-	TBD	-	-	-	-	4,600	-	-
	Subtotal							\$ 10,250	\$ 15,150	\$ 9,000	\$ 5,500	\$ 10,900

TABLE CE-3 (Continued)

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS
SCHEDULED FOR 2018/19 - 2022/23

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23
			1	2	3	4	5					
CE8 - AACC Equipment Purchase and Replacement > \$5,000												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (> \$5,000) for the Arts & Cultural Center Department. (G/L# 001-8070-575.64-10)</i>												
	Replace Mobile Radio(s)	AACC	11	-	-	-	-	\$ 12,000	\$ -	\$ -	\$ -	-
	Replace Stage Monitors	AACC	6	-	-	-	-	18,000	-	-	-	-
	Refinish Grand Piano	AACC	1	-	-	-	1	6,500	-	-	-	6,500
	Purchase/Replace Additional Outdoor Lightin	AACC	TBD	-	-	-	-	20,000	-	-	-	-
	Enhance/Replace ALD Listening System	AACC	1	-	1	-	-	2,000	-	7,000	-	-
	Replace Cyclorama	AACC	1	-	-	-	-	6,000	-	-	-	-
	Stanchions	AACC	6	-	-	-	-	500	-	-	-	-
	Refrigerator	AACC	1	-	-	-	-	1,000	-	-	-	-
	Hazer/Fogger	AACC	1	-	-	-	-	2,000	-	-	-	-
	Replace Scrim	AACC	-	1	-	-	-	-	5,000	-	-	-
	Replace Lighting Console	AACC	-	1	-	-	-	-	20,000	-	-	-
	Replace Marly Dance Floor	AACC	-	1	-	-	-	-	15,000	-	-	-
	Washer/Dryer	AACC	-	1	-	-	-	-	1,500	-	-	-
	Rigging	AACC	-	N/A	-	N/A	-	-	5,000	-	5,000	-
	Office Furniture	AACC	-	TBD	-	-	-	-	10,000	-	-	-
	Replace Clear Comm System	AACC	-	-	1	-	-	-	-	30,000	-	-
	Additional Moving Lights	AACC	-	-	N/A	-	-	-	-	20,000	-	-
	Replace Audio Console	AACC	-	-	1	-	-	-	-	45,000	-	-
	Replace LCD Projector	AACC	-	-	-	1	-	-	-	-	25,000	-
	Replace Microphones	AACC	-	-	-	6	-	-	-	-	10,000	-
	Replace Soft Goods, Legs & Borders	AACC	-	-	-	15	-	-	-	-	20,000	-
	Replace Lobby Furniture	AACC	-	-	-	TBD	-	-	-	-	10,000	-
	Replace Green Room Furniture	AACC	-	-	-	TBD	-	-	-	-	3,500	-
	Replace Patio Furniture	AACC	-	-	-	-	TBD	-	-	-	-	5,000
	Replace Projection Screen	AACC	-	-	-	-	1	-	-	-	-	7,500
	Replace Orchestra Charis and Music Stands	AACC	-	-	-	-	TBD	-	-	-	-	10,000
	Stage and Holiday Décor	AACC	-	-	-	-	TBD	-	-	-	-	5,000
	Subtotal							\$ 68,000	\$ 56,500	\$ 102,000	\$ 73,500	\$ 34,000
CE9 - CD Equipment Purchase and Replacement > \$5,000												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (> \$5,000) for the Community Development Department. (G/L# 001-8040-524.64-10)</i>												
	Pickup Truck		1	-	-	-	-	\$ 30,000	\$ -	\$ -	\$ -	-
	Subtotal							\$ 30,000	\$ -	\$ -	\$ -	-
CE10 - ACES Equipment Purchase and Replacement > \$5,000												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (> \$5,000) for the Aventura City of Excellence School.</i>												
	ACES Classroom Furniture	ACES	-	N/A	N/A	N/A	N/A	\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
	Subtotal							\$ -	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
	Totals							\$ 1,006,450	\$ 969,550	\$ 735,580	\$ 663,600	\$ 614,800

