



# CITY OF AVENTURA

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## Capital Improvement Program

2019/20 - 2023/24





# CITY OF AVENTURA

## CAPITAL IMPROVEMENT PROGRAM

### 2019/20 – 2023/24



#### **CITY COMMISSION**

Mayor Enid Weisman  
Commissioner Denise Landman  
Commissioner Dr. Linda Marks  
Commissioner Gladys Mezrahi  
Commissioner Marc Narotsky  
Commissioner Robert Shelley  
Commissioner Howard Weinberg

#### **CITY MANAGER**

Ronald J. Wasson

#### **DEPARTMENT DIRECTORS**

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Joanne Carr, Community Development Director  
Karen J. Lanke, Information Technology Director  
Brian K. Raducci, Finance Director  
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Kimberly Merchant, Community Services Director  
Joseph S. Kroll, Public Works/Transportation Director  
Bryan Pegues, Chief of Police  
David McKnight, Don Soffer Aventura High School Principal  
Anthony Tyrkala, Aventura City of Excellence School Principal

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**CAPITAL IMPROVEMENT PROGRAM**  
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# City of Aventura

Government Center  
19200 West Country Club Drive  
Aventura, Florida 33180

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## Office of the City Manager

June 13, 2019

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, 2019 through September 30, 2024 and the proposed Capital Budget for the Fiscal period October 1, 2019 through September 30, 2020.

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 three (23) years since the City's incorporation. This document represents an update of the CIP that was originally prepared for the five-year cycle of 2018/19 to 2022/23. 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 (5<sup>th</sup>) year (FY 2023/24) 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**

#### *Founders Park*

- Added \$65,000, \$50,000 and \$50,000 to replace SplashPad water features in FY 2020/21, FY 2022/23 and FY 2023/24, respectively.
- Added \$25,000 for security enhancements in FY 2019/20, FY 2020/21 and FY 2021/22, respectively.
- Added \$40,000 and \$97,000 for fencing in FY 2020/21 and FY 2021/22, respectively.

### *Waterways Park*

- Deferred a \$1.6M drainage and turf project in FY 2019/20 to a date (to be determined) when a funding source becomes available.

### **Transportation System Improvement Projects**

#### *Road Resurfacing Program*

- Deferred the scheduling of NE 187<sup>th</sup> Street from FY 2018/19 to FY 2020/21 and expanded the project from \$155,000 to \$425,000 in order to re-prioritize NE 190<sup>th</sup> Street (\$326,000) from FY 2020/21 to FY 2019/20.
- Deferred the scheduling of Aventura Boulevard (\$365,000), NE 34<sup>th</sup> Avenue (\$68,000) and NE 28<sup>th</sup> Avenue (\$118,000) from FY 2019/20 to FY 2021/22 to provide a more even workflow.

#### *Transportation System Improvements*

- Added \$125,000 and \$110,000 for new crosswalk solar lighting locations along Country Club Drive in FY 2019/20 and FY 2023/24, respectively.
- Added \$90,000 for a new solar lit crosswalk in FY 2020/21 on Country Club Drive in order to enhance the crosswalk at that location.

### **Drainage System Improvement Projects**

- Provided an additional \$1,575,000 in funding for various stormwater drainage improvements in FYs 2019/20 – 2023/24.

### **Public Buildings and Facility Improvement Projects**

- Added \$65,000 in Police Department improvements and accelerated the replacement of the console panels in the Communications Center from FY 2020/21 to FY 2019/20 and to make other enhancements to the Police Department.
- Added \$220,000 under Building Repairs and Other Improvements in FY 2022/23 to replace the playground surface and equipment at ACES.
- Added \$38,000 in Community Recreation Center improvements in FYs 2019/20 – 2023/24 primarily for roof repairs, security enhancements and other minor improvements.
- Added \$134,500 in Government Center Improvements in FYs 2019/20 – 2023/24, including roofing repairs (\$45,000), window tint for the 1<sup>st</sup> and 3<sup>rd</sup> floor lobbies (\$35,000), upgrade the exterior parking lot lighting (\$15,000) in FY 2020/21 and to upgrade the hallway lighting (\$38,000) at the Government Center in FYs 2021/22 – 2022/23.

### **Capital Equipment Purchase and Replacement Projects**

- Realigned the timing of purchasing classroom furniture to serve the addition of 200 students/year for FYs 2020/21 – 2022/23.

The proposed 2019/20 – 2023/24 CIP includes 39 projects in six (6) functional categories with a total value of \$18,519,505. The following represents the percentage of total funding that each functional category has been allocated:

- Beautification and Park Facility Improvement Projects (11%)
- Transportation System Improvement Projects (21%)
- Drainage System Improvement Projects (15%)
- Public Building and Facility Improvement Projects (8%)
- Information Technology Improvement Projects (24%)
- Capital Equipment Purchase & Replacement Projects (21%)

Major emphasis was placed on the following projects:

- Park Improvements (\$2,058,050)

- Road Resurfacing (\$2,818,000)
- Street Lighting Improvements (\$210,000)
- Transportation System Improvements (\$795,000)
- Stormwater Drainage Improvements (\$2,800,000)
- Air Conditioning Unit Replacements (\$285,000)

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 in the amount of \$650,000 has been provided by the Aventura Mall and is available from the Capital Projects Fund – Public Works/Transportation Capital Reserve.

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, Don Soffer Aventura 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. It most importantly 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.

I am pleased to submit the 2019/20 – 2023/24 CIP document which will be reviewed in detail at the June 20, 2019 Commission Workshop. The preparation and formulation of this important planning program could not have been accomplished without the dedicated assistance and efforts of all Department Directors and the Finance Director. I am also extremely grateful to the City Commission for their continued support in assuring that this City remains the City of Excellence.

Upon our collective review of the 2019/20 – 2023/24 CIP, I respectfully request and recommend that we hold a public hearing at the July 9, 2019 Commission Meeting to conceptually adopt (by Resolution), the final CIP document for implementation. If at any time you should have any questions or require additional information, please let me know.

Respectfully submitted,



Ronald J. Wasson  
City Manager

**CITY OF AVENTURA**  
**CAPITAL IMPROVEMENT PROGRAM**  
**2019/20 – 2023/24**

**FIVE-YEAR HIGHLIGHTS**

**Beautification and Park Facility Improvement Projects (BP)**

- ✓ *Founders Park and Waterways Park Improvements* totaling \$1,457,500 and \$358,450, respectively to maintain and enhance these facilities.

**Transportation Improvement Projects (TI)**

- ✓ *Road Resurfacing projects* totaling \$2,818,000 to resurface asphalt and enhance safety on NE 190<sup>th</sup> Street, NE 187<sup>th</sup> Street, Yacht Club Way, Aventura Boulevard, NE 34<sup>th</sup> Avenue, NE 28<sup>th</sup> Avenue, NE 188<sup>th</sup> Street, NE 183<sup>rd</sup> Street, NE 31<sup>st</sup> Street and Country Club Drive.
- ✓ *Street Lighting Improvement Projects* totaling \$210,000 to retrofit Median Up-Lighting with LED fixtures.
- ✓ *Transportation System Improvements* totaling \$795,000 to provide new Crosswalk Solar Lighting along Country Club Drive, \$250,000 for school crossing flashers related to the opening of the Don Soffer Aventura High School and \$90,000 to add a new Solar Lit Crosswalk on Country Club Drive.

**Drainage Improvement Projects (DI)**

- ✓ Stormwater Drainage Improvements totaling \$2,800,000 to address the long-term impacts of the rising sea levels including the following:
  - Country Club Drive Curb Installation at various locations.
  - Infrastructure Replacement at Yacht Club Drive, Aventura Blvd., NE 34<sup>th</sup> Ave., NE 28<sup>th</sup> Ave., NE 31<sup>st</sup> Ave. and Country Club Drive.

**Public Building and Facility Improvement Projects (PBF)**

- ✓ Government Center Improvements totaling \$371,500 primarily for roofing repairs (\$215,000) and to replace the carpet in the Commission Chambers (\$55,000) 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 Don Soffer Aventura Charter High School.

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**2019/20 – 2023/24**



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**2019/20 – 2023/24**



**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 (5<sup>th</sup>) 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 2019/20 – 2023/24. 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 he 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  
2019/20**

<b><u>Date</u></b>	<b><u>Responsibility</u></b>	<b><u>Action Required</u></b>
January 10	Finance Director	CIP Preparation Manual and Request Forms are distributed to All Department Directors via email.
January 21 to February 15	All Department Directors	Completed CIP request packages are submitted to City Manager.
March 1 to March 29	City Manager Finance Director	Review of departmental requests and conduct individual departmental CIP meetings. Departmental requests are prioritized.
April 1 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 13	City Manager	Proposed CIP document is submitted to City Commission.
June 20	City Commission City Manager	Workshop review meeting.
July 9	City Commission	Public Hearing on CIP and adoption.

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**2019/20 – 2023/24**



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**2019/20 – 2023/24**



**OVERVIEW OF  
RECOMMENDED PROJECTS**

**Summary of Recommended Projects**

The proposed 2019/20 – 2023/24 CIP includes 39 projects in six (6) functional categories with a total value of \$18,519,505. The following represents the percentage of total funding that each functional category has been allocated:

1. Beautification and Park Facility Improvement Projects (11%)
2. Transportation System Improvement Projects (21%)
3. Drainage System Improvement Projects (15%)
4. Public Building and Facility Improvement Projects (8%)
5. Information Technology Improvement Projects (24%)
6. Capital Equipment Purchase and Replacement Projects (21%)

**Summary of Major Programs by Year**

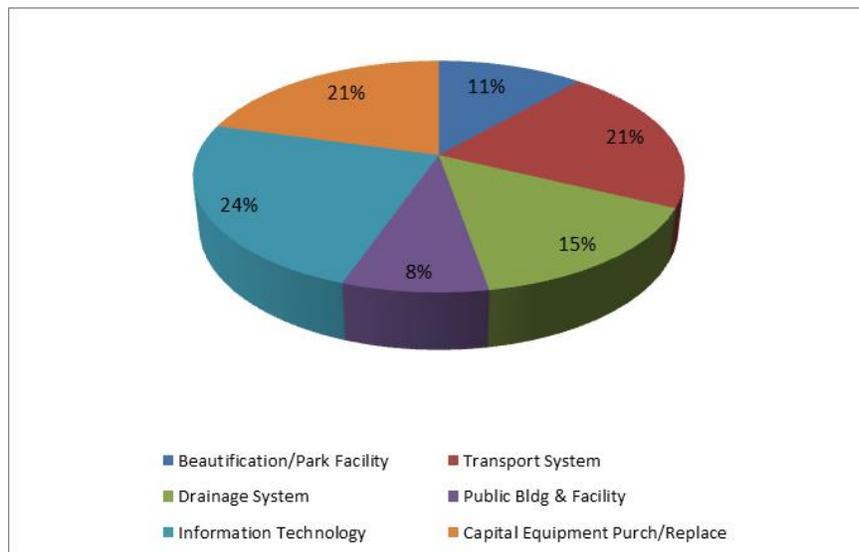
The following table presents a summarized breakdown of the costs of the various projects recommended for funding categorized by major function for each of the five (5) years covered by the CIP.

TABLE 1

**CAPITAL IMPROVEMENT PROGRAM  
SUMMARY OF MAJOR PROGRAMS BY YEAR  
PROJECTS SCHEDULED FOR 2019/20 - 2023/24**

PROGRAM	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24	TOTAL
Beautification & Park Facility Improvement Projects	\$ 221,300	\$ 593,400	\$ 360,650	\$ 657,450	\$ 296,000	\$ 2,128,800
Transportation System Improvement Projects	911,000	648,500	669,500	759,500	860,000	3,848,500
Drainage System Improvement Projects	250,000	1,000,000	600,000	100,000	850,000	2,800,000
Public Building & Facility Improvement Projects	403,000	380,000	179,000	310,000	178,000	1,450,000
Information Technology Improvement Projects	667,875	1,002,375	955,375	970,625	864,375	4,460,625
Capital Equipment Purchase & Replacement Project	545,100	1,098,680	844,300	691,600	651,900	3,831,580
<b>Totals</b>	<b>\$ 2,998,275</b>	<b>\$ 4,722,955</b>	<b>\$ 3,608,825</b>	<b>\$ 3,489,175</b>	<b>\$ 3,700,275</b>	<b>\$ 18,519,505</b>

Capital Improvement Program  
2019/20 - 2023/24  
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.

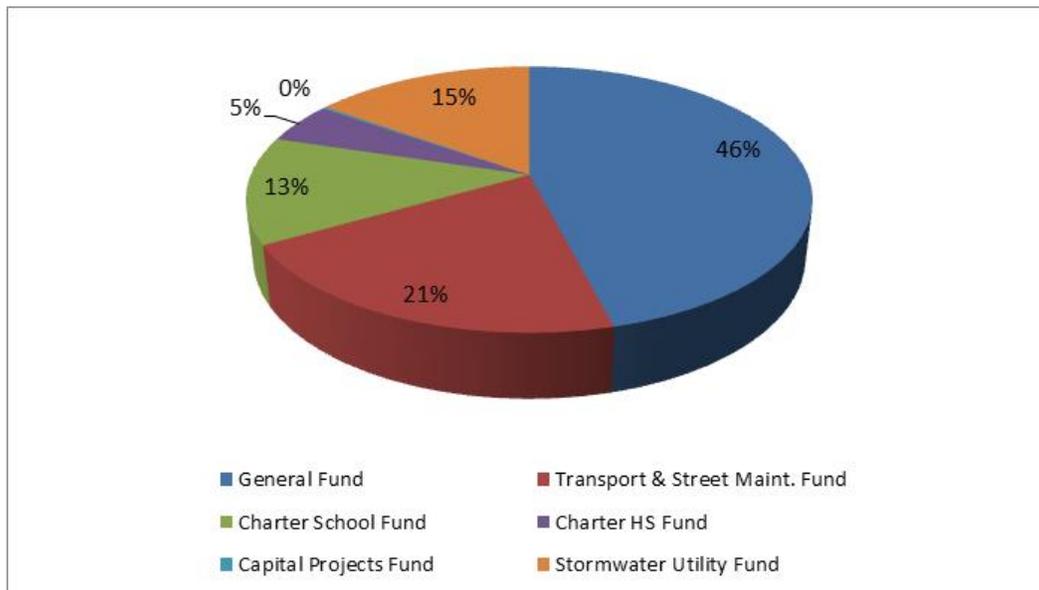
TABLE 2

**CAPITAL IMPROVEMENT PROGRAM  
SUMMARY BY PROPOSED APPROPRIATIONS BY FUNDING SOURCE  
PROJECTS SCHEDULED FOR 2019/20 - 2023/24**

FUNDING SOURCE	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24	TOTAL
General Fund - 001	\$ 1,346,275	\$ 2,293,455	\$ 1,492,325	\$ 1,880,175	\$ 1,476,775	\$ 8,489,005
Transportation and Street Maintenance Fund - 120	911,000	648,500	669,500	759,500	860,000	3,848,500
Charter School Fund - 190	441,000	406,000	509,500	599,500	463,500	2,419,500
Charter High School Fund - 191	-	375,000	337,500	150,000	50,000	912,500
Capital Projects Fund - 392	50,000	-	-	-	-	50,000
Stormwater Utility Fund - 410	250,000	1,000,000	600,000	100,000	850,000	2,800,000
<b>Totals</b>	<b>\$ 2,998,275</b>	<b>\$ 4,722,955</b>	<b>\$ 3,608,825</b>	<b>\$ 3,489,175</b>	<b>\$ 3,700,275</b>	<b>\$ 18,519,505</b>

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

Capital Improvement Program  
2019/20 - 2023/24  
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  
2019/20 - 2023/24  
SUMMARY OF PROJECTS BY LOCATION AND YEAR**

Location	Beautification and Park Facility Improvement Projects	Transportation Improvement Projects
<b>Beautification and Park Facility Improvement Projects</b>		
Founders Park Improvements	2019/20 to 2023/24	N/A
Waterways Park Improvements	2019/20 to 2023/24	N/A
Waterways Dog Park Improvements	2019/20 to 2023/24	N/A
Veterans Park Improvements	2019/20 to 2023/24	N/A
Peace Park Improvements	2019/20 to 2020/21	N/A
Citywide Beautification Improvements	2019/20 to 2023/24	N/A
<b>Road Resurfacing Program</b>		
NE 190 <sup>th</sup> Street	N/A	2019/20
NE 187 <sup>th</sup> Street	N/A	2020/21
Yacht Club Way (213 <sup>th</sup> Street)	N/A	2020/21
Aventura Boulevard	N/A	2021/22
NE 34 <sup>th</sup> Avenue	N/A	2021/22
NE 28 <sup>th</sup> Avenue	N/A	2021/22
NE 188 <sup>th</sup> Street	N/A	2022/23
NE 183 <sup>rd</sup> Street	N/A	2022/23
NE 31 <sup>st</sup> Street	N/A	2022/23
Country Club Drive	N/A	2023/24
<b>Street Lighting Improvements</b>		
Retrofit Median Up-Lighting with LED fixtures	N/A	2019/20
<b>Transportation System Improvements</b>		
Crosswalk Solar Lighting	N/A	2019/20 2021/22 - 2023/24
School Crossing Flashers	N/A	2019/20
Add New Solar Lit Crosswalk	N/A	2020/21

**CITY OF AVENTURA  
CAPITAL IMPROVEMENT PROGRAM  
2019/20 – 2023/24**



**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 expenditures 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 (ACES) – 190
4. Don Soffer Aventura High School Fund (DSAHS) – 191
5. Capital Projects Fund – 392
6. 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 previously adopted by the City Commission. In FY 2020/21, capital outlay for the Don Soffer Aventura 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 \$18,519,505.
2. Adjusts ad valorem 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 2018/19. 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**

<b>REVENUES</b>	<b>ADOPTED 2018/19</b>	<b>PROJECTED 2019/20</b>	<b>PROJECTED 2020/21</b>	<b>PROJECTED 2021/22</b>	<b>PROJECTED 2022/23</b>	<b>PROJECTED 2023/24</b>
Ad Valorem Taxes	\$ 17,072,856	\$ 17,686,707	\$ 18,127,000	\$ 18,578,300	\$ 19,040,883	\$ 19,515,030 (a)
Section 185 Premium Tax	330,000	425,000	429,250	433,543	437,878	442,257
Utility Taxes	6,015,000	6,040,000	6,221,200	6,407,837	6,600,073	6,798,075 (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	900,000	865,000	873,650	882,387	891,210	900,122 (c)
Building Related Revenue	2,426,000	2,530,500	1,562,500	1,212,500	1,212,500	1,212,500 (d)
Franchise Fee-Electric	1,425,000	835,000	3,336,723	3,403,457	3,471,526	3,540,957 (e)
Franchise Fee-Other	620,000	715,000	734,950	755,499	776,664	798,464 (f)
State Revenue Sharing	825,000	835,000	860,050	885,852	912,428	939,801 (g)
Half Cent Sales Tax	2,935,000	2,995,000	3,084,850	3,177,396	3,272,718	3,370,900 (h)
County Business Tax	50,000	50,000	50,500	51,005	51,515	52,030 (i)
Intergovernmental Revenues-Other	47,670	47,670	48,147	48,629	49,115	49,607 (j)
Charges for Services	2,558,106	2,629,481	2,695,218	2,762,598	2,831,663	2,902,456 (k)
Fines & Forfeitures	1,427,500	1,777,500	1,830,825	1,885,750	1,942,323	2,000,593 (l)
Misc. Revenues	280,000	580,000	480,000	480,000	480,000	480,000
Total Proj. Avail. Resources	<b>\$ 38,762,132</b>	<b>\$ 39,861,858</b>	<b>\$ 42,184,863</b>	<b>\$ 42,814,753</b>	<b>\$ 43,820,496</b>	<b>\$ 44,852,792</b>

**REVENUE ASSUMPTIONS UTILIZED FOR PROJECTIONS**

- (a) Ad Valorem Taxes are projected to increase at a rate of 2.5% per year.
- (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 relatively stable in FY 2019/20 and then begin to decrease as overall building activity is anticipated to decrease.
- (e) Franchise Fee-Electric is projected to decrease in FY 2019/20 due to the timing of the implementation of the newly adopted FPL agreement that will become effective in June of 2020 and then to significantly increase beginning in FY 2020/21.
- (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 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
City Commission	\$ 147,644	\$ 148,877	\$ 151,855	\$ 154,892	\$ 157,990	\$ 161,150
Office of the City Manager	661,547	621,129	639,763	658,956	678,725	699,087
Legal	305,000	311,000	311,000	311,000	311,000	311,000
City Clerk's Office	344,183	349,813	360,307	371,116	382,249	393,716
Finance	1,077,476	1,085,278	1,117,836	1,151,371	1,185,912	1,221,489
Information Technology	1,163,720	1,189,026	1,224,697	1,261,438	1,299,281	1,338,259
Police	20,183,170	20,957,752	21,796,062	22,667,904	23,574,620	24,517,605
Community Development	2,591,696	2,676,218	2,064,465	1,865,935	1,901,903	1,938,950
Community Services	2,480,960	2,542,293	2,618,562	2,697,119	2,778,033	2,861,374
Public Works/Transportation	3,162,634	3,230,973	3,327,902	3,427,739	3,530,571	3,636,488
Arts & Cultural Center	825,440	840,260	865,468	891,432	918,175	945,720
Non-Departmental	1,503,500	1,704,500	1,738,590	1,773,362	1,808,829	1,845,006
Total Proj. Operating Exp. for General Gov. Svcs.	\$ 34,446,970	\$ 35,657,119	\$ 36,216,507	\$ 37,232,264	\$ 38,527,288	\$ 39,869,844
Total Proj. Debt Svce./Trans.	2,757,169	2,997,135	2,265,214	2,265,655	2,264,522	2,266,306
Total Proj. Exp.	<b>\$ 37,204,139</b>	<b>\$ 38,654,254</b>	<b>\$ 38,481,721</b>	<b>\$ 39,497,919</b>	<b>\$ 40,791,810</b>	<b>\$ 42,136,150</b>

**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 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
Total Proj. Avail. Resources	\$ 38,762,132	\$ 39,861,858	\$ 42,184,863	\$ 42,814,753	\$ 43,820,496	\$ 44,852,792
Proj. Operating Exp.	34,446,970	35,657,119	36,216,507	37,232,264	38,527,288	39,869,844
Proj. Debt Svce./Trans. (Exclude HS)	2,262,145	2,501,035	2,265,214	2,265,655	2,264,522	2,266,306
Subtotal	36,709,115	38,158,154	38,481,721	39,497,919	40,791,810	42,136,150
Balance after Operating Exp. & Debt Svce./Trans.	\$ 2,053,017	\$ 1,703,704	\$ 3,703,142	\$ 3,316,834	\$ 3,028,686	\$ 2,716,642
Less CIP Appropriations for:						
Beautification/Park Facility	208,350	221,300	593,400	360,650	657,450	296,000
Public Bldg & Facility	92,500	273,000	320,000	88,000	59,000	98,000
Information Technology	448,625	356,875	506,375	386,875	472,125	430,875
Capital Equipment Purch/Replace	871,750	495,100	873,680	656,800	691,600	651,900
	1,621,225	1,346,275	2,293,455	1,492,325	1,880,175	1,476,775
Charter HS Operating Cost Subsidy	370,875	176,492	500,000	350,000	-	-
Amount added to CIP Reserve	<b>\$ 60,917</b>	<b>\$ 180,937</b>	<b>\$ 909,687</b>	<b>\$ 1,474,509</b>	<b>\$ 1,148,511</b>	<b>\$ 1,239,867</b>
Charter HS Debt Svce.	\$ (495,024)	\$ (496,100)	\$ -	\$ -	\$ -	\$ -
Total Amount Needed from General Fund - High School	<b>\$ (495,024)</b>	<b>\$ (496,100)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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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 six (6) projects in the CIP, which total \$2,128,800. 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 190<sup>th</sup> 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 31<sup>st</sup> 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 by the end of FY 2018/19:

<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 <sup>rd</sup> Street Beautification Improvements	1997/98
NE 34 <sup>th</sup> Avenue Beautification Improvements	1997/98
Library Landscaping Project	1997/98
Huber Tract Open Space Land Purchase	1998/99
NE 207 <sup>th</sup> Street Beautification Improvements	1998/99
Country Club Drive Exercise Path Safety Improvements	1998/99, 2004/05, 2009/10
NE 190 <sup>th</sup> Street Beautification Improvements	1998/99
Biscayne Boulevard Phase I Beautification Improvements	1998/99
FEC Landscape Buffer	1998/99
NE 191 <sup>st</sup> Street Beautification Improvements	1998/99
Waterways Park Improvements	1999/00, 2013/14, 2014/15 2015/16, 2016/17, 2018/19

Founders Park Improvements	1999/00, 2001/02, 2002/03 2003/04, 2005/06, 2010/11 2013/14, 2014/15, 2015/16 2016/17, 2018/19
Biscayne Boulevard Phase II Beautification Improvements	1999/00
NE 185 <sup>th</sup> Street & NE 28 <sup>th</sup> Ave Beautification Improvements	1999/00
NE 213 <sup>th</sup> Street Beautification Improvements	2001/02
Aventura Boulevard 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 <sup>th</sup> 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 <sup>th</sup> 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
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 37,790. 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
<b>Subtotal</b>		<b>32.00</b>	<b>32.00</b>
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
<b>Subtotal</b>		<b>276.18</b>	<b>84.95</b>
<b>Total</b>		<b>308.18</b>	<b>116.95</b>

***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 \$2,128,800 and will be funded as follows:

**PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24	TOTAL
General Fund - 001	\$ 221,300	\$ 593,400	\$ 360,650	\$ 657,450	\$ 296,000	\$ 2,128,800
<b>Totals</b>	<b>\$ 221,300</b>	<b>\$ 593,400</b>	<b>\$ 360,650</b>	<b>\$ 657,450</b>	<b>\$ 296,000</b>	<b>\$ 2,128,800</b>

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 2019/20 – 2023/24 (Table PB-3)

TABLE BP-1

PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED		PROJECTED		PROJECTED		PROJECTED		TOTAL
			2019/20	2020/21	2021/22	2022/23	2023/24				
BP1	Founders Park Improvements	CS	\$ 103,000	\$ 275,000	\$ 285,000	\$ 564,500	\$ 230,000	\$ 1,457,500			
BP2	Waterways Park Improvements	CS	46,000	243,050	38,400	25,000	6,000	358,450			
BP3	Waterways Dog Park Improvements	CS	21,500	9,750	21,250	12,000	5,000	69,500			
BP4	Veterans Park Improvements	CS	16,000	35,000	6,000	35,600	45,000	137,600			
BP5	Peace Park Improvements	CS	25,000	10,000	-	-	-	35,000			
BP6	Citywide Beautification Improvements	PW/T	9,800	20,600	10,000	20,350	10,000	70,750			
<b>Totals</b>			<b>\$ 221,300</b>	<b>\$ 593,400</b>	<b>\$ 360,650</b>	<b>\$ 657,450</b>	<b>\$ 296,000</b>	<b>\$ 2,128,800</b>			

TABLE BP-2

PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY PROJECT CATEGORY

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	
			TOTAL	GENERAL FUND - 001
BP1	Founders Park Improvements	CS	\$ 1,457,500	\$ 1,457,500
BP2	Waterways Park Improvements	CS	358,450	358,450
BP3	Waterways Dog Park Improvements	CS	69,500	69,500
BP4	Veterans Park Improvements	CS	137,600	137,600
BP5	Peace Park Improvements	CS	35,000	35,000
BP6	Citywide Beautification Improvements	PW/T	70,750	70,750
<b>Totals</b>			<b>\$ 2,128,800</b>	<b>\$ 2,128,800</b>

TABLE BP-3

PROPOSED BEAUTIFICATION AND PARK FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			Year	1	2	3	4					
<b>BP1 - CS Founders Park Improvements</b>												
<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 Water Features	CS	1	3	2	2	2	\$ 20,000	\$ 65,000	\$ 40,000	\$ 50,000	\$ 50,000
	Security Enhancements	CS	N/A	N/A	N/A	-	-	25,000	25,000	25,000	-	-
	Renovate Restrooms	CS	2	-	-	-	-	50,000	-	-	-	-
	Replace Benches and Trash Cans	CS	TBD	TBD	-	-	-	8,000	-	8,000	-	-
	Tennis Court	CS	-	1	TBD	-	-	-	75,000	75,000	-	-
	South Perimeter Fencing	CS	-	N/A	-	-	-	-	40,000	-	-	-
	Replace SplashPad Surface	CS	-	1	-	-	-	-	45,000	-	-	-
	Replace Park Shelter	CS	-	1	-	-	-	-	25,000	-	-	-
	North Perimeter Fencing	CS	-	-	N/A	-	-	-	-	97,000	-	-
	Replace Pavilion Roofs	CS	-	-	3	-	-	-	-	40,000	-	-
	Replace SplashPad Pumps	CS	-	-	-	3	-	-	-	-	15,000	-
	Replace Playground Pole Padding	CS	-	-	-	N/A	-	-	-	-	9,500	-
	Replace Playground Equipment	CS	-	-	-	1	-	-	-	-	490,000	-
	Replace Shade Canopies	CS	-	-	-	-	TBD	-	-	-	-	80,000
	Replace Fitness Stations and Surfacing	CS	-	-	-	-	4	-	-	-	-	100,000
	<b>Subtotal</b>							<b>\$ 103,000</b>	<b>\$ 275,000</b>	<b>\$ 285,000</b>	<b>\$ 564,500</b>	<b>\$ 230,000</b>
<b>BP2 - CS Waterways Park Improvements</b>												
<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	-	-	-	-	\$ 25,000	\$ -	\$ -	\$ -	\$ -
	Install Electric Charging Station	CS	1	-	-	-	-	15,000	-	-	-	-
	Replace Table and Chairs	CS	TBD	TBD	-	-	-	6,000	-	6,000	-	-
	Replace Playground Equipment and Surfac	CS	-	1	-	-	-	-	230,000	-	-	-
	Replace Soccer Goal Sets	CS	-	TBD	TBD	-	TBD	-	6,000	6,000	-	6,000
	Replace Playground Pole Padding	CS	-	N/A	-	-	-	-	7,050	-	-	-
	Replace Pavilion Roof	CS	-	-	1	-	-	-	-	13,200	-	-
	Replace Dugout Roofs	CS	-	-	2	-	-	-	-	13,200	-	-
	Replace Benches and Trash Cans	CS	-	-	-	TBD	-	-	-	-	25,000	-
	<b>Subtotal</b>							<b>\$ 46,000</b>	<b>\$ 243,050</b>	<b>\$ 38,400</b>	<b>\$ 25,000</b>	<b>\$ 6,000</b>

TABLE BP-3 (Continued)

PROPOSED BEAUTIFICATION AND PARK 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					
<b>BP3 - CS Waterways Dog Park Improvements</b>												
<i>This project consists of the maintenance, replacement and enhancement of various equipment and improvements at Waterways Dog Park. (G/L# 001-8050-572.63-23)</i>												
	Replace Pole Padding	CS	N/A	-	-	-	N/A	\$ 4,000	\$ -	\$ -	\$ -	5,000
	Replace Benches, Tables and Trash Cans	CS	TBD	TBD	-	-	-	11,500	-	11,500	-	-
	Replace Doggie Deposit Stations	CS	TBD	-	-	-	-	6,000	-	-	-	-
	Replace Doggie Drinking Fountains	CS	-	1	1	-	-	-	9,750	9,750	-	-
	Replace Shade Canopy	CS	-	-	-	1	-	-	-	-	12,000	-
	<b>Subtotal</b>							<b>\$ 21,500</b>	<b>\$ 9,750</b>	<b>\$ 21,250</b>	<b>\$ 12,000</b>	<b>\$ 5,000</b>
<b>BP4 - CS Veterans Park Improvements</b>												
<i>This project consists of the maintenance, replacement and enhancement of various equipment and improvements at Veterans Park. (G/L# 001-8050-572.63-26)</i>												
	Replace Drinking Fountain	CS	1	-	-	-	-	\$ 6,000	\$ -	\$ -	\$ -	-
	Replace Benches and Trash Cans	CS	TBD	-	-	-	-	10,000	-	-	-	-
	Security Enhancements	CS	-	N/A	-	-	-	-	25,000	-	-	-
	Replace Tables	CS	-	TBD	-	-	-	-	10,000	-	-	-
	Replace Soccer Goal Sets	CS	-	-	TBD	-	-	-	-	6,000	-	-
	Replace Shade Canopy	CS	-	-	-	3	-	-	-	-	35,600	-
	Resurface Walking Trail	CS	-	-	-	-	N/A	-	-	-	-	45,000
	<b>Subtotal</b>							<b>\$ 16,000</b>	<b>\$ 35,000</b>	<b>\$ 6,000</b>	<b>\$ 35,600</b>	<b>\$ 45,000</b>
<b>BP5 - CS Peace Park Improvements</b>												
<i>This project consists of the maintenance, replacement and enhancement of various equipment and improvements at Peace Park. (G/L# 001-8050-572.63-27)</i>												
	Security Enhancements	CS	N/A	-	-	-	-	\$ 25,000	\$ -	\$ -	\$ -	-
	Replace Cardio Walker with Elliptical	CS	-	1	-	-	-	-	10,000	-	-	-
	<b>Subtotal</b>							<b>\$ 25,000</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>BP6 - PW/T Citywide Beautification Improvements</b>												
<i>This project consists of the maintenance, replacement and enhancement to street furniture and water fountains throughout the City. (G/L# 001-8054-541.63-01)</i>												
	Purchase Benches and Trash Cans	PW/T	TBD	TBD	TBD	TBD	TBD	\$ 9,800	\$ 10,000	\$ 10,000	\$ 9,750	\$ 10,000
	Replace Chilled Water Fountains	PW/T	-	2	-	2	-	-	10,600	-	10,600	-
	<b>Subtotal</b>							<b>\$ 9,800</b>	<b>\$ 20,600</b>	<b>\$ 10,000</b>	<b>\$ 20,350</b>	<b>\$ 10,000</b>
	<b>Totals</b>							<b>\$ 221,300</b>	<b>\$ 593,400</b>	<b>\$ 360,650</b>	<b>\$ 657,450</b>	<b>\$ 296,000</b>

**CITY OF AVENTURA  
CAPITAL IMPROVEMENT PROGRAM  
2019/20 – 2023/24**



**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 \$3,848,500 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 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
<b>REVENUE PROJECTIONS</b>						
<b>Intergovernmental Revenues</b>						
State Revenue Sharing <sup>(1)</sup>	\$ 255,000	\$ 255,000	\$ 261,375	\$ 267,909	\$ 274,607	\$ 281,472
Local Option Cap. Impr. Gas Tax <sup>(1)</sup>	147,000	145,000	148,625	152,341	156,150	160,054
Local Option Gas Tax <sup>(1)</sup>	382,000	365,000	374,125	383,478	393,065	402,892
County Transit System Surtax <sup>(1)</sup>	1,450,000	1,460,000	1,496,500	1,533,913	1,572,261	1,611,568
<b>Subtotal</b>	<b>2,234,000</b>	<b>2,225,000</b>	<b>2,280,625</b>	<b>2,337,641</b>	<b>2,396,083</b>	<b>2,455,986</b>
<b>Miscellaneous Revenues</b>						
Interest	7,500	20,000	20,000	20,000	20,000	20,000
Citywide Bicycle Sharing	40,000	40,000	40,000	40,000	40,000	40,000
<b>Subtotal</b>	<b>47,500</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>
<b>Fund Balance</b>						
Carryover	1,547,125	1,605,274	1,195,000	1,048,773	882,715	627,428
<b>Subtotal</b>	<b>1,547,125</b>	<b>1,605,274</b>	<b>1,195,000</b>	<b>1,048,773</b>	<b>882,715</b>	<b>627,428</b>
<b>Total Projected Available Resources</b>	<b>\$ 3,828,625</b>	<b>\$ 3,890,274</b>	<b>\$ 3,535,625</b>	<b>\$ 3,446,414</b>	<b>\$ 3,338,798</b>	<b>\$ 3,143,414</b>
<b>EXPENDITURES</b>						
<b>CONTRACTUAL SERVICES</b>						
<b>Public Works/Transportation - 5401-541</b>						
Landscape/Tree Maint/Streets <sup>(2)</sup>	735,000	755,000	777,650	800,980	825,009	849,759
City-Wide Bicycle Sharing <sup>(2)</sup>	76,965	79,274	81,652	84,102	86,625	89,224
Enhanced Transit Services <sup>(2)</sup>	830,000	830,000	859,050	889,117	920,236	952,444
TVMS Maintenance	100,000	120,000	120,000	120,000	120,000	120,000
<b>Total Operating Expenditures</b>	<b>1,741,965</b>	<b>1,784,274</b>	<b>1,838,352</b>	<b>1,894,199</b>	<b>1,951,870</b>	<b>2,011,427</b>
<b>Balance after Operating Expenditures</b>	<b>2,086,660</b>	<b>2,106,000</b>	<b>1,697,273</b>	<b>1,552,215</b>	<b>1,386,928</b>	<b>1,131,987</b>
<b>Less CIP Appropriations for Transportation Improvement Projects:</b>						
<b>CAPITAL OUTLAY</b>						
<b>Public Works/Transportation - 5401-541</b>						
Road Resurfacing	\$ 311,000	\$ 326,000	\$ 550,000	\$ 551,000	\$ 641,000	\$ 750,000
Street Lighting Improv.	400,000	210,000	-	-	-	-
Citywide Bicycle Sharing	-	-	8,500	8,500	8,500	-
Transportation System Improv.	190,000	375,000	90,000	110,000	110,000	110,000
<b>Total Capital Expenditures</b>	<b>901,000</b>	<b>911,000</b>	<b>648,500</b>	<b>669,500</b>	<b>759,500</b>	<b>860,000</b>
<b>Amount Available for Carryover</b>	<b>\$ 1,185,660</b>	<b>\$ 1,195,000</b>	<b>\$ 1,048,773</b>	<b>\$ 882,715</b>	<b>\$ 627,428</b>	<b>\$ 271,987</b>

**ASSUMPTIONS UTILIZED FOR PROJECTIONS:**

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

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

**CITY OF AVENTURA  
CAPITAL IMPROVEMENT PROGRAM  
2019/20 – 2023/24**



**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 \$3,848,500. 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, age 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(s)	Boulevard	Court	Drive(s)	Place(s)	Street(s)	Terrace(s)	Way
NE 28 <sup>th</sup>	Aventura	NE 27 <sup>th</sup>	East Country Club	NE 28 <sup>th</sup>	NE 183 <sup>rd</sup>	NE 208 <sup>th</sup>	Turnberry
NE 29 <sup>th</sup>			North Country Club	NE 29 <sup>th</sup>	NE 185 <sup>th</sup>	NE 214 <sup>th</sup>	
NE 30 <sup>th</sup>			West Country Club		NE 187 <sup>th</sup>		
NE 34 <sup>th</sup>			Yacht Club		NE 188 <sup>th</sup>		
					NE 190 <sup>th</sup>		
					NE 191 <sup>st</sup>		
					NE 192 <sup>nd</sup>		
					NE 193 <sup>rd</sup>		
					NE 203 <sup>rd</sup>		
					NE 205 <sup>th</sup>		
					NE 206 <sup>th</sup>		
					NE 207 <sup>th</sup>		
					NE 208 <sup>th</sup>		
					NE 209 <sup>th</sup>		
					NE 211 <sup>th</sup>		
					NE 213 <sup>th</sup>		
					NE 214 <sup>th</sup>		

### **Prior Accomplishments**

Since the inception of the CIP, the following projects have been completed or are scheduled for completion by the end of FY 2018/19:

<b><u>Project Title</u></b>	<b><u>Year</u></b>
Sidewalk Installation – Southside of Lehman Causeway	1996/97
Pedestrian Safety Study	1996/97
Aventura Boulevard Street Lighting Improvements	1997/98
NE 183 <sup>rd</sup> Street Improvements	1997/98
NE 183 <sup>rd</sup> Street Lighting Improvements	1997/98
NE 207 <sup>th</sup> Street Lighting Improvements	1997/98
Pedestrian Transportation Circulation Safety Improvements	1997/98
NE 190 <sup>th</sup> Street Lighting Improvements	1998/99
Sidewalk Improvements & Replacements	1998/99, 1999/00, 2000/01
NE 34 <sup>th</sup> Avenue Street Lighting Improvements	1999/00
NE 185 <sup>th</sup> Street & NE 28 <sup>th</sup> Avenue Improvements	1999/00
Country Club Drive Safety Improvements	1999/00
NE 213 <sup>th</sup> Street Lighting Improvements	2000/01
NE 34 <sup>th</sup> 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 <sup>st</sup> Avenue Decorative Street Lighting	2003/04
Extension of William Lehman Causeway Westbound Service Road	2003/04
Illuminated Street Signs	2003/04
NE 207 <sup>th</sup> 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 & Street Lighting	2006/07
Ne 29 <sup>th</sup> 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 <sup>th</sup> Place and Yacht Club Way Resurfacing	2007/08
NE 209 <sup>th</sup> Street/Biscayne Boulevard Traffic Improvements	2007/08
NE 187 <sup>th</sup> Street Traffic Improvements	2007/08
NE 180 <sup>th</sup> & NE 182 <sup>nd</sup> Street/Biscayne Boulevard Signage	2007/08
NE 199 <sup>th</sup> Street/West Country Club Drive Turning Lane	2008/09
NE 190 <sup>th</sup> Street Resurfacing	2008/09
NE 191 <sup>st</sup> Street/Biscayne Boulevard Traffic Improvements	2008/09
Hospital District Resurfacing	2009/10
NE 183 <sup>rd</sup> Street Resurfacing & Road Improvements	2009/10
Yacht Club Way Bridge Improvements	2009/10
Country Club Drive Bus Shelters	2010/11
NE 29 <sup>th</sup> Avenue & NE 187 <sup>th</sup> Street Resurfacing	2010/11
NE 34 <sup>th</sup> 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 <sup>th</sup> Street, NE 31 <sup>st</sup> Avenue, NE 188 <sup>th</sup> Street & NE 191 <sup>st</sup> Street Resurfacing	2011/12
Biscayne Boulevard Street Light Upgrades – Phase 3	2012/13
Traffic Signal at NE 185 <sup>th</sup> Street & NE 28 <sup>th</sup> Court	2012/13

Turning Lane at North Country Club Drive & NE 34 <sup>th</sup> Avenue	2012/13
Biscayne Boulevard Street Light Upgrades – Phase 4	2013/14
Traffic Flow Improvements NE 185 <sup>th</sup> Street	2013/14
NE 29 <sup>th</sup> Place Resurfacing	2014/15
Biscayne Lake Gardens Resurfacing	2014/15
NE 207 <sup>th</sup> Street Resurfacing	2014/15
Traffic Video Monitoring System Upgrades	2014/15, 2015/16
NE 185 <sup>th</sup> Street Turning Lane Improvements	2014/15
NE 191 <sup>st</sup> Street Resurfacing	2015/16
NE 29 <sup>th</sup> Place (South) Street Lights & Resurfacing	2015/16
NE 213 <sup>th</sup> Street Resurfacing	2015/16
Yacht Club Way Bridge Repairs	2015/16
Country Club Drive Flashing Pedestrian Crossing Signs	2015/16
NE 30 <sup>th</sup> Avenue Street Lighting	2015/16
NE 27 <sup>th</sup> Avenue, NE 28 <sup>th</sup> Court, NE 30 <sup>th</sup> Avenue & NE 209 <sup>th</sup> Street Resurfacing	2016/17
Aventura Boulevard Street Lighting	2017/18
Mystic Point Drive Road Resurfacing	2018/19

**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 \$3,848,500 and will be funded as follows:

**PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24	TOTAL
Transport. & Street Maint. Fund -120	\$ 911,000	\$ 648,500	\$ 669,500	\$ 759,500	\$ 860,000	\$ 3,848,500
<b>Totals</b>	<b>\$ 911,000</b>	<b>\$ 648,500</b>	<b>\$ 669,500</b>	<b>\$ 759,500</b>	<b>\$ 860,000</b>	<b>\$ 3,848,500</b>

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 2019/20 – 2023/24 (Table TI-3)

TABLE TI-1

PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED		PROJECTED		PROJECTED		PROJECTED		TOTAL
			2019/20	2020/21	2021/22	2022/23	2023/24				
T11	Road Resurfacing Program	PW/T	\$ 326,000	\$ 550,000	\$ 551,000	\$ 641,000	\$ 750,000	\$ 2,818,000			
T12	Street Lighting Improvements	PW/T	210,000	-	-	-	-	210,000			
T13	Transportation System Improvements	PW/T	375,000	90,000	110,000	110,000	110,000	795,000			
T14	Bike Share Station Program	PW/T	-	8,500	8,500	8,500	-	25,500			
<b>Totals</b>			<b>\$ 911,000</b>	<b>\$ 648,500</b>	<b>\$ 669,500</b>	<b>\$ 759,500</b>	<b>\$ 860,000</b>	<b>\$ 3,848,500</b>			

TABLE TI-2

PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY PROJECT CATEGORY

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	TRANSPORT.
				AND STREET MAINT. FUND - 120
T11	Road Resurfacing Program	PW/T	\$ 2,818,000	\$ 2,818,000
T12	Street Lighting Improvements	PW/T	210,000	210,000
T13	Transportation System Improvements	PW/T	795,000	795,000
T14	Bike Share Station Program	PW/T	25,500	25,500
<b>Totals</b>			<b>\$ 3,848,500</b>	<b>\$ 3,848,500</b>

TABLE TI-3

PROPOSED TRANSPORTATION IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>T11 - PW/T Road Resurfacing Program</b>												
<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 190 <sup>th</sup> Street	PW/T	N/A	-	-	-	-	\$ 326,000	\$ -	\$ -	\$ -	-
	NE 187 <sup>th</sup> Street	PW/T	-	N/A	-	-	-	-	425,000	-	-	-
	Yacht Club Way (213 <sup>th</sup> Street)	PW/T	-	N/A	-	-	-	-	125,000	-	-	-
	Aventura Boulevard	PW/T	-	-	N/A	-	-	-	-	365,000	-	-
	NE 34 <sup>th</sup> Avenue	PW/T	-	-	N/A	-	-	-	-	68,000	-	-
	NE 28 <sup>th</sup> Avenue	PW/T	-	-	N/A	-	-	-	-	118,000	-	-
	NE 188 <sup>th</sup> Street	PW/T	-	-	-	N/A	-	-	-	-	310,000	-
	NE 183 <sup>rd</sup> Street	PW/T	-	-	-	N/A	-	-	-	-	290,000	-
	NE 31 <sup>st</sup> Street	PW/T	-	-	-	N/A	-	-	-	-	41,000	-
	Country Club Drive	PW/T	-	-	-	-	N/A	-	-	-	-	750,000
	<b>Subtotal</b>							<b>\$ 326,000</b>	<b>\$ 550,000</b>	<b>\$ 551,000</b>	<b>\$ 641,000</b>	<b>\$ 750,000</b>
<b>T12 - PW/T Street Lighting Improvements</b>												
<i>This project consists of the continued retrofit of Street Lighting Improvements with LED fixtures. (G/L# 120-5401-541.63-07)</i>												
	Retrofit Median Up-Lighting w/ LED Fix.	PW/T	N/A	-	-	-	-	\$ 210,000	\$ -	\$ -	\$ -	-
	<b>Subtotal</b>							<b>\$ 210,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>T13 - PW/T Transportation System Improvements</b>												
<i>This project consists of Crosswalk Solar Lighting System Improvements and School Crossing Flashers. (G/L# 120-5401-541.63-41)</i>												
	Crosswalk Solar Lighting	PW/T	2	-	2	2	2	\$ 125,000	\$ -	\$ 110,000	\$ 110,000	\$ 110,000
	School Crossing Flashers	ACHS	1	-	-	-	-	250,000	-	-	-	-
	Add New Solar Lit Crosswalk	PW/T	-	1	-	-	-	-	90,000	-	-	-
	<b>Subtotal</b>							<b>\$ 375,000</b>	<b>\$ 90,000</b>	<b>\$ 110,000</b>	<b>\$ 110,000</b>	<b>\$ 110,000</b>
<b>T14 - PW/T Bike Share Station Program</b>												
<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	N/A	-	\$ -	\$ 8,500	\$ 8,500	\$ 8,500	\$ -
	<b>Subtotal</b>							<b>\$ -</b>	<b>\$ 8,500</b>	<b>\$ 8,500</b>	<b>\$ 8,500</b>	<b>\$ -</b>
	<b>Totals</b>							<b>\$ 911,000</b>	<b>\$ 648,500</b>	<b>\$ 669,500</b>	<b>\$ 759,500</b>	<b>\$ 860,000</b>

**CITY OF AVENTURA  
CAPITAL IMPROVEMENT PROGRAM  
2019/20 – 2023/24**



**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 \$2,800,000 from this fund will be utilized to fund the stormwater drainage improvement projects during the five-year period. The City’s Stormwater Utility Fee is \$3.50/ERU but will continue to be monitored to see if any adjustments may be necessary in order to sustain the fund’s projected future operating and capital expenditures.

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 2018/19	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
<b>REVENUE PROJECTIONS</b>						
<b>Charges for Services</b>						
Stormwater Utility Fees <sup>(1)</sup>	\$ 1,284,000	\$ 1,300,000	\$ 1,313,000	\$ 1,326,130	\$ 1,339,391	\$ 1,352,785
<b>Subtotal</b>	<b>1,284,000</b>	<b>1,300,000</b>	<b>1,313,000</b>	<b>1,326,130</b>	<b>1,339,391</b>	<b>1,352,785</b>
<b>Miscellaneous Revenues</b>						
Interest	8,000	8,000	8,000	8,000	8,000	8,000
<b>Subtotal</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>	<b>8,000</b>
<b>Fund Balance</b>						
Carryover	-	-	412,250	61,900	98,056	619,784
<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>412,250</b>	<b>61,900</b>	<b>98,056</b>	<b>619,784</b>
<b>Total Projected Available Resources</b>	<b>\$ 1,292,000</b>	<b>\$ 1,308,000</b>	<b>\$ 1,733,250</b>	<b>\$ 1,396,030</b>	<b>\$ 1,445,447</b>	<b>\$ 1,980,569</b>
<b>EXPENSES</b>						
<b>CONTRACTUAL SERVICES</b>						
<b>Public Works/Transportation - 5401-538</b>						
Prof. Services - Engineering <sup>(2)</sup>	90,000	100,000	104,000	108,160	112,486	116,985
Lands Maint. - Streets <sup>(2)</sup>	350,000	370,000	384,800	400,192	416,200	432,848
Street Maint./Drainage <sup>(2)</sup>	200,000	170,000	176,800	183,872	191,227	198,876
<b>Subtotal</b>	<b>640,000</b>	<b>640,000</b>	<b>665,600</b>	<b>692,224</b>	<b>719,913</b>	<b>748,709</b>
<b>OTHER OPERATING EXPENSES</b>						
<b>Public Works/Transportation - 5401-538</b>						
Subscriptions & Memberships	1,250	1,250	1,250	1,250	1,250	1,250
Conferences & Seminars	3,000	3,000	3,000	3,000	3,000	3,000
Training	1,500	1,500	1,500	1,500	1,500	1,500
<b>Subtotal</b>	<b>5,750</b>	<b>5,750</b>	<b>5,750</b>	<b>5,750</b>	<b>5,750</b>	<b>5,750</b>
<b>Total Operating Expenses</b>	<b>645,750</b>	<b>645,750</b>	<b>671,350</b>	<b>697,974</b>	<b>725,663</b>	<b>754,459</b>
<b>Balance after Operating Expenses</b>	<b>646,250</b>	<b>662,250</b>	<b>1,061,900</b>	<b>698,056</b>	<b>719,784</b>	<b>1,226,110</b>
<b>Less CIP Appropriations for Drainage Improvement Projects:</b>						
<b>CAPITAL OUTLAY</b>						
<b>Public Works/Transportation - 5401-538</b>						
Drainage Improvements	\$ 275,000	\$ 250,000	\$ 1,000,000	\$ 600,000	\$ 100,000	\$ 850,000
<b>Total Capital Expenditures</b>	<b>275,000</b>	<b>250,000</b>	<b>1,000,000</b>	<b>600,000</b>	<b>100,000</b>	<b>850,000</b>
<b>Amount Available for Carryover</b>	<b>\$ 371,250</b>	<b>\$ 412,250</b>	<b>\$ 61,900</b>	<b>\$ 98,056</b>	<b>\$ 619,784</b>	<b>\$ 376,110</b>

**ASSUMPTIONS UTILIZED FOR PROJECTIONS:**

<sup>(1)</sup> Projected to increase by 1%/year.

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

**CITY OF AVENTURA  
CAPITAL IMPROVEMENT PROGRAM  
2019/20 – 2023/24**



**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 \$2,800,000. 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 by the end of FY 2018/19:

<u>Project Title</u>	<u>Year</u>
Country Club Drive Drainage Improvements	1996/97
NE 183 <sup>rd</sup> Street & Drainage Improvements	1997/98
North Aventura Stormwater Collector (213 <sup>th</sup> Street)	1997/98
South Aventura Stormwater Collector	1998/99
NE 30 <sup>th</sup> Avenue Drainage Improvements	2000/01
Biscayne Lake Gardens Area Drainage Improvements	2001/02
NE 188 <sup>th</sup> Street, Lighting & Drainage Improvements	2002/03
NE 190 <sup>th</sup> Street Drainage Improvements	2002/03
Yacht Club Way Drainage and Lighting Improvements	2003/04
Hospital District NE 213 <sup>th</sup> Street Drainage Connector	2003/04
Hospital District North Collector	2004/05
Yacht Club Drive Seawall Improvements	2005/06
NE 213 <sup>th</sup> Street Outfall Drainage Improvement	2006/07
NE 190 <sup>th</sup> Street Drainage Improvements	2007/08
NE 191 <sup>st</sup> Street & 29 <sup>th</sup> Avenue Drainage Improvements	2008/09
NE 29 <sup>th</sup> Place Drainage Improvements & Resurfacing	2014/15
NE 191 <sup>st</sup> Street Drainage Improvements & Resurfacing	2015/16
NE 29 <sup>th</sup> Place (South) Drainage Improvements, Street Lights & Resurfacing	2015/16
NE 213 <sup>th</sup> Street Seawall Repairs	2015/16
Stormwater Master Plan – Phase I	2015/16
NE 183 <sup>rd</sup> Street, NE 188 <sup>th</sup> Street & NE 190 <sup>th</sup> 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
Country Club Drive Irrigation Relocation	2018/19
Country Club Drive & Lehman Causeway Curb & Fill Project	2018/19
Storm Grates NE Section	2018/19

**Funding Plan by Source**

Total funding required for the proposed Drainage Improvements Projects will be \$2,800,000 and will be funded as follows:

**PROPOSED DRAINAGE IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY SOURCE**

<b>FUNDING SOURCE</b>	<b>PROJECTED 2019/20</b>	<b>PROJECTED 2020/21</b>	<b>PROJECTED 2021/22</b>	<b>PROJECTED 2022/23</b>	<b>PROJECTED 2023/24</b>	<b>TOTAL</b>
Stormwater Utility Fund - 410	\$ 250,000	\$ 1,000,000	\$ 600,000	\$ 100,000	\$ 850,000	\$ 2,800,000
<b>Totals</b>	<b>\$ 250,000</b>	<b>\$ 1,000,000</b>	<b>\$ 600,000</b>	<b>\$ 100,000</b>	<b>\$ 850,000</b>	<b>\$ 2,800,000</b>

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 2019/20 – 2023/24 (Table DI-3)

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**TABLE DI-1**

**PROPOSED DRAINAGE IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
SUMMARY BY YEAR**

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED		PROJECTED		PROJECTED		PROJECTED		TOTAL
			2019/20	2020/21	2021/22	2022/23	2023/24				
D11	Stormwater Drainage Improvements	PW/T	\$ 250,000	\$ 1,000,000	\$ 600,000	\$ 100,000	\$ 850,000	\$ 2,800,000			
	<b>Totals</b>		<b>\$ 250,000</b>	<b>\$ 1,000,000</b>	<b>\$ 600,000</b>	<b>\$ 100,000</b>	<b>\$ 850,000</b>	<b>\$ 2,800,000</b>			

**TABLE DI-2**

**PROPOSED DRAINAGE IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY PROJECT CATEGORY**

CIP #	PROJECT CATEGORY	DEPT. #	STORMWATER	
			TOTAL	UTILITY FUND - 410
D11	Stormwater Drainage Improvements	PW/T	\$ 2,800,000	\$ 2,800,000
	<b>Totals</b>		<b>\$ 2,800,000</b>	<b>\$ 2,800,000</b>

TABLE DI-3

PROPOSED DRAINAGE IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>D11 - PW/T</b>	<b>Stormwater Drainage Improvements</b>											
<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. Curb Installation at Various Locations	PW/T	N/A	N/A	-	-	-	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -
	Yacht Club Drive - Infrastructure Replacement	PW/T	-	N/A	-	-	-	-	750,000	-	-	-
	Aventura Blvd. - Infrastructure Replacement	PW/T	-	-	N/A	-	-	-	-	350,000	-	-
	NE 34 <sup>th</sup> Ave. - Infrastructure Replacement	PW/T	-	-	N/A	-	-	-	-	125,000	-	-
	NE 28 <sup>th</sup> Ave. - Infrastructure Replacement	PW/T	-	-	N/A	-	-	-	-	125,000	-	-
	NE 31 <sup>st</sup> Ave. - Infrastructure Replacement	PW/T	-	-	-	N/A	-	-	-	-	100,000	-
	CC Dr. - Infrastructure Replacement	PW/T	-	-	-	-	N/A	-	-	-	-	850,000
	<b>Subtotal</b>							<b>\$ 250,000</b>	<b>\$ 1,000,000</b>	<b>\$ 600,000</b>	<b>\$ 100,000</b>	<b>\$ 850,000</b>
	<b>Totals</b>							<b>\$ 250,000</b>	<b>\$ 1,000,000</b>	<b>\$ 600,000</b>	<b>\$ 100,000</b>	<b>\$ 850,000</b>

**CITY OF AVENTURA**  
**CAPITAL IMPROVEMENT PROGRAM**  
**2019/20 – 2023/24**



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**CITY OF AVENTURA  
CAPITAL IMPROVEMENT PROGRAM  
2019/20 – 2023/24**



**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 five (5) projects totaling \$1,450,000. 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 working order to increase the useful life of these facilities.

### **Prior Accomplishments**

The following projects have been completed or are scheduled for completion by the end of FY 2018/19:

<b><u>Project Title</u></b>	<b><u>Year</u></b>
Government Center/Police Station Needs Assessment Study	1996/97
Government Center Land Purchase	1997/98
Design of Government Center/Police Department	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 Recreation 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
Middle School Roof Repairs	2018/19
Restroom Renovation – Elementary School	2018/19
Extend the Sidewalk near the Middle School	2018/19
Charter School (ACES) Security Enhancements	2018/19
Community Recreation Center Security Enhancements	2018/19
Design & Build the Don Soffer Aventura High School	2018/19

**Funding Plan by Source**

Total funding required for the proposed Public Building and Facility Improvements Projects will be \$1,450,000 and will be funded as follows:

**PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY SOURCE**

<b>FUNDING SOURCE</b>	<b>PROJECTED 2019/20</b>	<b>PROJECTED 2020/21</b>	<b>PROJECTED 2021/22</b>	<b>PROJECTED 2022/23</b>	<b>PROJECTED 2023/24</b>	<b>TOTAL</b>
General Fund - 001	\$ 273,000	\$ 320,000	\$ 88,000	\$ 59,000	\$ 98,000	\$ 838,000
Charter School Fund - 190	130,000	60,000	91,000	251,000	80,000	612,000
<b>Totals</b>	<b>\$ 403,000</b>	<b>\$ 380,000</b>	<b>\$ 179,000</b>	<b>\$ 310,000</b>	<b>\$ 178,000</b>	<b>\$ 1,450,000</b>

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 2019/20 – 2023/24 (Table PBF-3)

**TABLE PBF-1**

**PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
SUMMARY BY YEAR**

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED		PROJECTED		PROJECTED		PROJECTED		TOTAL
			2019/20	2020/21	2021/22	2022/23	2023/24				
PBF1	Police Department Improvement	PD	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	
PBF2	Building Repairs and Other Impr	ACES	52,000	35,000	35,000	220,000	-	-	-	342,000	
PBF3	Community Recreation Center Irr	CS	94,500	40,000	70,000	39,000	43,000	-	-	286,500	
PBF4	Government Center Improvemen	PW/T	13,500	265,000	18,000	20,000	55,000	-	-	371,500	
PBF5	HVAC Replacements	PW/T / ACES	78,000	40,000	56,000	31,000	80,000	-	-	285,000	
<b>Totals</b>			<b>\$ 403,000</b>	<b>\$ 380,000</b>	<b>\$ 179,000</b>	<b>\$ 310,000</b>	<b>\$ 178,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,450,000</b>	

**TABLE PBF-2**

**PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY PROJECT CATEGORY**

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	GENERAL		CHARTER
				FUND - 001	FUND - 190	
PBF1	Police Department Improvement	PD	\$ 165,000	\$ 165,000	\$ -	-
PBF2	Building Repairs and Other Impr	ACES	342,000	-	342,000	-
PBF3	Community Recreation Center Irr	CS	286,500	286,500	-	-
PBF4	Government Center Improvemen	PW/T	371,500	371,500	-	-
PBF5	HVAC Replacements	PW/T / ACES	285,000	15,000	270,000	-
<b>Totals</b>			<b>\$ 1,450,000</b>	<b>\$ 838,000</b>	<b>\$ 612,000</b>	<b>\$ -</b>

TABLE PBF-3

PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>PBF1 - PD Police Department Improvements</b>												
<i>This project consists of improvements to the console panels in the Communications Center and other Police Department Improvements. (G/L# 001-8020-521.64-14)</i>												
	Police Communications Center I	PD	N/A	-	-	-	-	\$ 115,000	\$ -	\$ -	\$ -	-
	Police Department Improvement	PD	NA	-	-	-	-	50,000	-	-	-	-
	<b>Subtotal</b>							<b>\$ 165,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>PBF2 - ACES Building Repairs and Other Improvements</b>												
<i>This project consists of various improvements at the Aventura City of Excellence School. (G/L# 190-6010-569.64-10)</i>												
	Restroom Renovation - Element	ACES	1	1	1	-	-	\$ 35,000	\$ 35,000	\$ 35,000	\$ -	-
	Restroom Renovation - Middle S	ACES	1	-	-	-	-	7,000	-	-	-	-
	Build Small Classrooms - Elem.	ACES	2	-	-	-	-	8,000	-	-	-	-
	Replace Elem. Cafe. Serv. Line S	ACES	1	-	-	-	-	2,000	-	-	-	-
	Replace Playground Surfacing &	ACES	-	-	-	N/A	-	-	-	-	220,000	-
	<b>Subtotal</b>							<b>\$ 52,000</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>	<b>\$ 220,000</b>	<b>-</b>
<b>PBF3 - CS Community Recreation Center Improvements</b>												
<i>This project consists of various improvements at the Community Recreation Center. (G/L# 001-8050-572.62-05)</i>												
	CRC Roof Repairs	PW/T	N/A	-	-	-	-	\$ 20,000	\$ -	\$ -	\$ -	-
	Security Enhancements	CS	N/A	-	-	-	-	37,500	-	-	-	-
	Restroom Renovations	CS	2	-	2	-	-	30,000	-	70,000	-	-
	Replace Gym Lighting with LED L	CS	N/A	-	-	-	-	7,000	-	-	-	-
	Office Renovations	CS	-	N/A	-	-	-	-	40,000	-	-	-
	Replace Classroom Lighting	CS	-	-	-	N/A	-	-	-	-	12,000	-
	Replace Partition Wall	CS	-	-	-	1	-	-	-	-	20,000	-
	Replace Audio Equipment	CS	-	-	-	N/A	-	-	-	-	7,000	-
	Replace Backboards & Padding	CS	-	-	-	-	4	-	-	-	-	7,000
	Renovate Closets	CS	-	-	-	-	N/A	-	-	-	-	20,000
	Replace Benches & Trash Cans	CS	-	-	-	-	N/A	-	-	-	-	16,000
	<b>Subtotal</b>							<b>\$ 94,500</b>	<b>\$ 40,000</b>	<b>\$ 70,000</b>	<b>\$ 39,000</b>	<b>\$ 43,000</b>

TABLE PBF-3 (Continued)

PROPOSED PUBLIC BUILDING AND FACILITY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>PBF4 - PW/T Government Center Improvements</b>												
<i>This project consists of various improvements at the Government Center. (G/L# 001-8054-539.64-21)</i>												
	Carpet & Blinds for 4th Floor Lobl	PW/T	N/A	-	-	-	-	\$ 13,500	\$ -	\$ -	\$ -	-
	Government Center Roofing Rep	PW/T	-	N/A	-	-	-	-	215,000	-	-	-
	Window Tint 1st to 3rd Floor Lobl	PW/T	-	N/A	-	-	-	-	35,000	-	-	-
	Exterior Park. Lot Lighting Replac	PW/T	-	N/A	-	-	-	-	15,000	-	-	-
	4 <sup>th</sup> Floor Lighting Replace/Upgrac	PW/T	-	-	N/A	-	-	-	-	9,000	-	-
	5 <sup>th</sup> Floor Lighting Replace/Upgrac	PW/T	-	-	N/A	-	-	-	-	9,000	-	-
	1 <sup>st</sup> Floor Lighting Replace/Upgrac	PW/T	-	-	-	N/A	-	-	-	-	10,000	-
	3 <sup>rd</sup> Floor Lighting Replace/Upgrac	PW/T	-	-	-	N/A	-	-	-	-	10,000	-
	Replace Commission Chambers	PW/T	-	-	-	-	N/A	-	-	-	-	55,000
	<b>Subtotal</b>							<b>\$ 13,500</b>	<b>\$ 265,000</b>	<b>\$ 18,000</b>	<b>\$ 20,000</b>	<b>\$ 55,000</b>
<b>PBF5 - PW/T HVAC Replacements</b>												
<i>This project consists of replacing air conditioning units at various City facilities. (G/L# 001-8054-539.64-20)</i>												
	Replace 5 ton HVAC unit at Govt.	PW/T	-	3	-	-	-	\$ -	\$ 15,000	\$ -	\$ -	-
	<b>Subtotal</b>							<b>\$ -</b>	<b>\$ 15,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<i>This project consists of replacing air conditioning units at the Aventura City of Excellence School. (G/L# 190-6010-569.64-20)</i>												
	Replace 12.5 ton HVAC unit at AC	ACES	1	-	-	-	1	\$ 21,000	\$ -	\$ -	\$ -	22,000
	Replace 17.5 ton HVAC unit at AC	ACES	1	1	1	-	-	25,000	25,000	28,000	-	-
	Replace 30 ton HVAC unit at ACE	ACES	1	-	-	-	-	32,000	-	-	-	-
	Replace 20 ton HVAC unit at ACE	ACES	-	-	1	-	1	-	-	28,000	-	28,000
	Replace 25 ton HVAC unit at ACE	ACES	-	-	-	1	-	-	-	-	31,000	-
	Replace 15 ton HVAC unit at ACE	ACES	-	-	-	-	1	-	-	-	-	30,000
	<b>Subtotal</b>							<b>\$ 78,000</b>	<b>\$ 25,000</b>	<b>\$ 56,000</b>	<b>\$ 31,000</b>	<b>\$ 80,000</b>
	<b>Totals</b>							<b>\$ 403,000</b>	<b>\$ 380,000</b>	<b>\$ 179,000</b>	<b>\$ 310,000</b>	<b>\$ 178,000</b>

**CITY OF AVENTURA  
CAPITAL IMPROVEMENT PROGRAM  
2019/20 – 2023/24**



**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 \$4,460,625.

**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 Don Soffer Aventura High School.

**Funding Plan by Source**

Total funding required for the proposed Information Technology Projects will be \$4,460,625 and will be funded as follows:

**PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24	TOTAL
General Fund - 001	\$ 356,875	\$ 506,375	\$ 386,875	\$ 472,125	\$ 430,875	2,153,125
Charter School Fund - 190	311,000	346,000	418,500	348,500	383,500	1,807,500
Don Soffer Aventura High School Fund - 191	-	150,000	150,000	150,000	50,000	500,000
<b>Totals</b>	<b>\$ 667,875</b>	<b>\$ 1,002,375</b>	<b>\$ 955,375</b>	<b>\$ 970,625</b>	<b>\$ 864,375</b>	<b>4,460,625</b>

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 2019/20 – 2023/24 (Table IT-3)

TABLE IT-1

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED		PROJECTED		PROJECTED		PROJECTED		TOTAL
			2019/20	2020/21	2021/22	2022/23	2023/24				
IT1	Police Computers Systems<\$5000	PD	\$ 104,375	\$ 281,875	\$ 133,875	\$ 158,875	\$ 170,875	\$ 849,875			
IT2	Central Computer System>\$5000	IT	155,000	140,000	145,000	230,000	140,000	810,000			
IT3	Radios	PD	30,000	42,000	70,000	30,000	80,000	252,000			
IT4	Computer Equipment<\$5000	ACES	90,000	104,000	129,000	115,000	100,000	538,000			
IT5	Computer Equipment<\$5000	ACES	221,000	242,000	289,500	233,500	283,500	1,269,500			
IT6	Computer Equipment<\$5000	DSAHS	-	150,000	150,000	150,000	50,000	500,000			
IT7	Computer Equipment<\$5000	IT	6,000	6,000	6,000	6,000	6,000	30,000			
IT8	Computer Equipment<\$5000	F	5,000	2,000	3,000	3,000	3,000	16,000			
IT9	Computer Equipment<\$5000	CM	2,000	1,000	1,000	2,000	3,000	9,000			
IT10	Computer Equipment<\$5000	PW/T	6,000	3,000	2,000	6,000	5,000	22,000			
IT11	Computer Equipment<\$5000	CS	8,000	8,000	12,500	13,000	5,500	47,000			
IT12	Computer Equipment<\$5000	CD	36,500	6,500	6,500	15,250	12,500	77,250			
IT13	Computer Equipment<\$5000	AACC	2,000	15,000	5,000	5,000	4,000	31,000			
IT14	Computer Equipment<\$5000	CC	2,000	1,000	2,000	3,000	1,000	9,000			
<b>Totals</b>			<b>\$ 667,875</b>	<b>\$ 1,002,375</b>	<b>\$ 955,375</b>	<b>\$ 970,625</b>	<b>\$ 864,375</b>	<b>\$ 4,460,625</b>			

TABLE IT-2

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY PROJECT CATEGORY AND SOURCE

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	GENERAL	CHARTER	DSAHS
				FUND - 001	SCHOOL FUND - 190	FUND - 191
IT1	Police Computers Systems<\$5000	PD	\$ 849,875	\$ 849,875	\$ -	-
IT2	Central Computer System>\$5000	IT	810,000	810,000	-	-
IT3	Radios	PD	252,000	252,000	-	-
IT4	Computer Equipment>\$5000	ACES	538,000	-	538,000	-
IT5	Computer Equipment<\$5000	ACES	1,269,500	-	1,269,500	-
IT6	Computer Equipment<\$5000	DSAHS	500,000	-	-	500,000
IT7	Computer Equipment<\$5000	IT	30,000	30,000	-	-
IT8	Computer Equipment<\$5000	F	16,000	16,000	-	-
IT9	Computer Equipment<\$5000	CM	9,000	9,000	-	-
IT10	Computer Equipment<\$5000	PW/T	22,000	22,000	-	-
IT11	Computer Equipment<\$5000	CS	47,000	47,000	-	-
IT12	Computer Equipment<\$5000	CD	77,250	77,250	-	-
IT13	Computer Equipment<\$5000	AACC	31,000	31,000	-	-
IT14	Computer Equipment<\$5000	CC	9,000	9,000	-	-
<b>Totals</b>			<b>\$ 4,460,625</b>	<b>\$ 2,153,125</b>	<b>\$ 1,807,500</b>	<b>\$ 500,000</b>

TABLE IT-3

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>IT1 - PD</b>	<b>Police Computers Systems &lt; \$5000</b>											
<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	3	4	4	6	6	2,000	2,000	3,000	4,000	4,000
	Laser Printer(s)	PD	1	1	1	1	1	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
	Vehicle Modem(s)	PD	10	10	10	10	40	14,000	14,000	14,000	14,000	56,000
	Vehicle Printer(s)	PD	15	15	15	15	15	7,875	7,875	7,875	7,875	7,875
	Replace Server(s)	PD	-	1	1	1	1	-	7,000	7,000	7,000	7,000
	Video Wall In Communications	PD	-	N/A	-	-	-	-	150,000	-	-	-
	Interactive Whiteboards	PD	-	1	1	1	1	-	5,500	5,500	5,500	5,500
	Replace In-Car Video Server	PD	-	1	-	-	-	-	15,000	-	-	-
	Laptop-Ruggized	PD	-	-	1	-	2	-	-	4,000	-	10,000
	EOC Desktop Computers	PD	-	-	10	-	-	-	-	12,000	-	-
	Data Storage	PD	-	-	-	1	-	-	-	-	40,000	-
	<b>Subtotal</b>							<b>\$ 104,375</b>	<b>\$ 281,875</b>	<b>\$ 133,875</b>	<b>\$ 158,875</b>	<b>\$ 170,875</b>

<b>IT2 - IT</b>	<b>Central Management Information System &gt; \$5000</b>											
<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	\$ 15,000	\$ 20,000	\$ 20,000	\$ 25,000	\$ 20,000
	Servers/ Security/UPS/Switches	IT	N/A	N/A	N/A	N/A	N/A	85,000	80,000	100,000	120,000	85,000
	Upgrade Phone System	IT	N/A	N/A	N/A	N/A	N/A	5,000	5,000	5,000	20,000	15,000
	Security Camera(s)/Recorder(s)	IT	N/A	N/A	N/A	N/A	N/A	50,000	20,000	20,000	10,000	20,000
	AS 400 Upgrades	IT	-	N/A	-	N/A	-	-	5,000	-	30,000	-
	Upgrade Video System Solution	IT	-	N/A	-	-	-	-	10,000	-	-	-
	Equipment for Redundant Site	IT	-	-	-	N/A	-	-	-	-	25,000	-
	<b>Subtotal</b>							<b>\$ 155,000</b>	<b>\$ 140,000</b>	<b>\$ 145,000</b>	<b>\$ 230,000</b>	<b>\$ 140,000</b>

<b>IT3 - PD</b>	<b>Radios</b>											
<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 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	4	8	2	4	4	20,000	32,000	10,000	20,000	20,000
	UPS Battery Replacments (sites)	PD	-	-	2	-	-	-	-	50,000	-	-
	Portable Radio(s)	PD	-	-	-	-	10	-	-	-	-	50,000
	<b>Subtotal</b>							<b>\$ 30,000</b>	<b>\$ 42,000</b>	<b>\$ 70,000</b>	<b>\$ 30,000</b>	<b>\$ 80,000</b>

TABLE IT-3 (Continued)

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			Year	1	2	3	4					
<b>IT4 - ACES</b>	<b>Computer Equipment &gt; \$5,000</b>											
<i>This project consists of the regular replacement of smartboards and network infrastructure at ACES. (G/L# 190-6010-569.64-01)</i>												
	Replace Network Infrastructure	ACES	1	1	1	1	1	\$ 30,000	\$ 25,000	\$ 50,000	\$ 45,000	\$ 45,000
	Replace AV Equipment and Smartb	ACES	10	10	10	10	10	55,000	55,000	55,000	55,000	55,000
	Phone System Upgrade	ACES	1	-	-	1	-	5,000	-	-	15,000	-
	Replace Server(s)	ACES	-	3	3	-	-	-	24,000	24,000	-	-
	<b>Subtotal</b>							<b>\$ 90,000</b>	<b>\$ 104,000</b>	<b>\$ 129,000</b>	<b>\$ 115,000</b>	<b>\$ 100,000</b>
<b>IT5 - ACES</b>	<b>Computer Equipment &lt; \$5,000</b>											
<i>This project consists of the regular replacement of the computers, laptops, servers and network infrastructure at ACES. (G/L# 190-6010-569.64-02)</i>												
	Replace Laptop(s)/Computer(s)	ACES	50	150	125	125	125	\$ 50,000	\$ 150,000	\$ 125,000	\$ 125,000	\$ 125,000
	Tablets	ACES	265	125	270	155	280	132,500	62,500	135,000	77,500	140,000
	Mobile Learning Computer Labs	ACES	11	6	4	4	3	27,000	18,000	10,000	9,000	7,000
	Replace Security Cameras	ACES	N/A	N/A	N/A	N/A	N/A	10,000	10,000	10,000	10,000	10,000
	Replace Color Laser Printer	ACES	1	-	1	-	-	1,500	-	1,500	-	-
	Replace Desktop Scanner(s)	ACES	-	1	-	-	1	-	1,500	-	-	1,500
	Desktop for Multimedia Classroom	ACES	-	-	2	3	-	-	-	8,000	12,000	-
	<b>Subtotal</b>							<b>\$ 221,000</b>	<b>\$ 242,000</b>	<b>\$ 289,500</b>	<b>\$ 233,500</b>	<b>\$ 283,500</b>
<b>IT6 - DSAHS</b>	<b>Computer Equipment &lt; \$5,000</b>											
<i>This project consists of the initial installation and regular replacement of the computers, laptops, servers and network infrastructure at the Don Soffer Aventura High School.</i>												
	New iPads and Laptops	DSAHS	-	TBD	TBD	TBD	TBD	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 50,000
	<b>Subtotal</b>							<b>\$ -</b>	<b>\$ 150,000</b>	<b>\$ 150,000</b>	<b>\$ 150,000</b>	<b>\$ 50,000</b>
<b>IT7 - IT</b>	<b>Computer Equipment &lt; \$5,000</b>											
<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	-	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000
	<b>Subtotal</b>							<b>\$ 6,000</b>				
<b>IT8 - F</b>	<b>Computer Equipment &lt; \$5,000</b>											
<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	2	2	3	3	-	\$ 5,000	\$ 2,000	\$ 3,000	\$ 3,000	\$ 3,000
	<b>Subtotal</b>							<b>\$ 5,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	<b>\$ 3,000</b>	<b>\$ 3,000</b>
<b>IT9 - CM</b>	<b>Computer Equipment &lt; \$5,000</b>											
<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	1	1	1	2	1	\$ 2,000	\$ 1,000	\$ 1,000	\$ 2,000	\$ 3,000
	<b>Subtotal</b>							<b>\$ 2,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>

TABLE IT-3 (Continued)

PROPOSED INFORMATION TECHNOLOGY IMPROVEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>IT10 - PW/T Computer Equipment &lt; \$5,000</b>												
<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
	Upgrade GIS Software	PW/T	1	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	-
	Replace Plotter	PW/T	-	-	-	-	1	-	-	-	-	3,000
	<b>Subtotal</b>							<b>\$ 6,000</b>	<b>\$ 3,000</b>	<b>\$ 2,000</b>	<b>\$ 6,000</b>	<b>\$ 5,000</b>
<b>IT11- CS Computer Equipment &lt; \$5,000</b>												
<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	4	4	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
	Replace ID Printer	CS	1	1	-	1	-	4,000	4,000	-	4,000	-
	Student PCs and Access Point	CS	-	-	5	5	-	-	-	5,000	5,000	-
	Replace iPads	CS	-	-	3	-	-	-	-	1,500	-	-
	Replace Scanner	CS	-	-	1	-	-	-	-	1,000	-	-
	Replace Large Format Pinter	CS	-	-	1	-	-	-	-	1,000	-	-
	Replace Laptop(s)	CS	-	-	-	-	1	-	-	-	-	1,500
	<b>Subtotal</b>							<b>\$ 8,000</b>	<b>\$ 8,000</b>	<b>\$ 12,500</b>	<b>\$ 13,000</b>	<b>\$ 5,500</b>
<b>IT12- CD Computer Equipment &lt; \$5,000</b>												
<i>This project consists of the replacement and upgrade of computer equipment utilized by the Community Development Department's Code Comp./Bldg. Insp. Div(s). (G/L# 001-8040-524.64-02)</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	2	1	500	500	500	1,000	500
	Kiosk for 4 <sup>th</sup> Floor Lobby	CD	1	-	-	-	1	6,000	-	-	-	6,000
	CentralSquare TRAKiT/BlueBeam	CD	1	-	-	-	-	25,000	-	-	-	-
	Replace Desktop Scanner(s)	CD	-	1	1	1	1	-	1,000	1,000	1,000	1,000
	iPads for Inspection for City Staff	CD	-	-	-	3	-	-	-	-	2,250	-
	iPads for Inspection for CAP Staff	CD	-	-	-	8	-	-	-	-	6,000	-
	<b>Subtotal</b>							<b>\$ 36,500</b>	<b>\$ 6,500</b>	<b>\$ 6,500</b>	<b>\$ 15,250</b>	<b>\$ 12,500</b>
<b>IT13 - AACC Computer Equipment &lt; \$5,000</b>												
<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	2	4	3	3	4	\$ 2,000	\$ 4,000	\$ 3,000	\$ 3,000	\$ 4,000
	Replace Point of Sale System	AACC	-	1	-	-	-	-	11,000	-	-	-
	Network Switches	AACC	-	-	1	-	-	-	-	2,000	-	-
	Replace Color Laser Printer(s)	AACC	-	-	-	1	-	-	-	-	2,000	-
	<b>Subtotal</b>							<b>\$ 2,000</b>	<b>\$ 15,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 4,000</b>
<b>IT14 - CC Computer Equipment &lt; \$5,000</b>												
<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	1	1	1	1	\$ 2,000	\$ 1,000	\$ 2,000	\$ 3,000	\$ 1,000
	<b>Subtotal</b>							<b>\$ 2,000</b>	<b>\$ 1,000</b>	<b>\$ 2,000</b>	<b>\$ 3,000</b>	<b>\$ 1,000</b>
	<b>Totals</b>							<b>\$ 667,875</b>	<b>\$ 1,002,375</b>	<b>\$ 955,375</b>	<b>\$ 970,625</b>	<b>\$ 864,375</b>

**CITY OF AVENTURA**  
**CAPITAL IMPROVEMENT PROGRAM**  
**2019/20 – 2023/24**



**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 9 projects totaling \$3,831,580.

**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 2019/20 – 2023/24 CIP pertain to vehicles, operational equipment and additional classroom furniture for the Don Soffer Aventura 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 \$3,831,580 and will be funded as follows:

**PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY SOURCE**

FUNDING SOURCE	PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24	TOTAL
General Fund - 001	\$ 495,100	\$ 873,680	\$ 656,800	\$ 691,600	\$ 651,900	\$ 3,369,080
Don Soffer Aventura High School Fund - 191	-	225,000	187,500	-	-	412,500
Capital Projects Fund - 392	50,000	-	-	-	-	50,000
<b>Totals</b>	<b>\$ 545,100</b>	<b>\$ 1,098,680</b>	<b>\$ 844,300</b>	<b>\$ 691,600</b>	<b>\$ 651,900</b>	<b>\$ 3,831,580</b>

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 2019/20 – 2023/24 (Table CE-3)

TABLE CE-1

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
SUMMARY BY YEAR

CIP #	PROJECT CATEGORY	DEPT. #	PROJECTED		PROJECTED		PROJECTED		PROJECTED		TOTAL
			2019/20	2020/21	2021/22	2022/23	2023/24				
CE1	Vehicle Purchase & Replacements	PD	\$ 311,000	\$ 432,000	\$ 355,000	\$ 438,000	\$ 365,000	\$ 1,901,000			
CE2	Equipment Purchase and Replacement>500	PD	81,800	205,200	119,000	96,000	78,000	580,000			
CE3	Equipment Purchase and Replacement<500	PD	50,000	64,380	35,900	25,400	51,900	227,580			
CE4	Equipment Purchase and Replacement>500	DSAHS	-	225,000	187,500	-	-	412,500			
CE5	Equipment Purchase and Replacement>500	CS	28,100	25,000	27,200	11,000	56,500	147,800			
CE6	Equipment Purchase and Replacement>500	PW/T	-	25,000	30,000	31,000	30,000	116,000			
CE7	Equipment Purchase and Replacement<500	CS	17,700	20,100	16,200	15,700	18,500	88,200			
CE8	Equipment Purchase and Replacement>500	AACC	56,500	102,000	73,500	44,500	52,000	328,500			
CE9	Equipment Purchase and Replacement>500	CD	-	-	-	30,000	-	30,000			
<b>Totals</b>			<b>\$ 545,100</b>	<b>\$ 1,098,680</b>	<b>\$ 844,300</b>	<b>\$ 691,600</b>	<b>\$ 651,900</b>	<b>\$ 3,831,580</b>			

TABLE CE-2

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24  
FUNDING PLAN BY PROJECT CATEGORY AND SOURCE

CIP #	PROJECT CATEGORY	DEPT. #	TOTAL	GENERAL		DSAHS		CAPITAL PROJECTS	
				FUND - 001	FUND - 191	FUND - 191	FUND - 392		
CE1	Vehicle Purchase & Replacements	PD	\$ 1,901,000	\$ 1,901,000	\$ -	\$ -			
CE2	Equipment Purchase and Replacement>500	PD	580,000	580,000	-	-			
CE3	Equipment Purchase and Replacement<500	PD	227,580	177,580	-	-	50,000		
CE4	Equipment Purchase and Replacement>500	DSAHS	412,500	-	412,500	-	-		
CE5	Equipment Purchase and Replacement>500	CS	147,800	147,800	-	-			
CE6	Equipment Purchase and Replacement>500	PW/T	116,000	116,000	-	-			
CE7	Equipment Purchase and Replacement<500	CS	88,200	88,200	-	-			
CE8	Equipment Purchase and Replacement>500	AACC	328,500	328,500	-	-			
CE9	Equipment Purchase and Replacement>500	CD	30,000	30,000	-	-			
<b>Totals</b>			<b>\$ 3,831,580</b>	<b>\$ 3,369,080</b>	<b>\$ 412,500</b>	<b>\$ 50,000</b>			

TABLE CE-3

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>CE1 - PD Vehicle Purchase &amp; Replacements</b>												
<i>This project consists of purchasing police vehicles to establish a vehicle replacement program in the Police Department. (G/L# 001-8020-521.64-50)</i>												
	Replace Patrol Vehicles	PD	8	8	10	10	10	\$ 276,000	\$ 283,000	\$ 355,000	\$ 365,000	\$ 365,000
	Replace Traffic Sergeant Vehicle	PD	1	-	-	-	-	35,000	-	-	-	-
	Replace Crime Scene Van	PD	-	1	-	1	-	-	38,000	-	38,000	-
	Replace Traffic Vehicle	PD	-	2	-	-	-	-	69,000	-	-	-
	Replace K-9 Vehicle	PD	-	1	-	-	-	-	42,000	-	-	-
	Replace Marine Patrol Vehicle	PD	-	-	-	1	-	-	-	-	35,000	-
	<b>Subtotal</b>							<b>\$ 311,000</b>	<b>\$ 432,000</b>	<b>\$ 355,000</b>	<b>\$ 438,000</b>	<b>\$ 365,000</b>
<b>CE2 - PD Equipment Purchase and Replacement &gt; \$5000</b>												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&gt; \$5,000) for the Police Department. (G/L# 001-8020-521.64-10)</i>												
	Vehicle Equipment	PD	8	8	10	10	10	\$ 58,000	\$ 63,000	\$ 84,000	\$ 70,000	\$ 70,000
	Replace In-Car Video	PD	3	5	3	-	-	15,000	25,000	15,000	-	-
	Traffic Sergeant Vehicle Equipment	PD	1	-	-	-	-	8,800	-	-	-	-
	Vermac Sign Board	PD	-	1	-	-	-	-	20,000	-	-	-
	Ductless Fuming Hood	PD	-	1	-	-	-	-	13,900	-	-	-
	Replace UAS Matrice (Drone)	PD	-	1	-	-	-	-	15,000	-	-	-
	Mobile LPR	PD	-	2	2	-	-	-	20,000	20,000	-	-
	Crime Light 42S	PD	-	1	-	-	-	-	9,300	-	-	-
	Crime Scene Vehicle Equipment	PD	-	1	-	1	-	-	8,000	-	8,000	-
	Traffic Vehicle Equipment	PD	-	1	-	-	-	-	18,000	-	-	-
	K-9 Vehicle Equipment	PD	-	1	-	-	-	-	13,000	-	-	-
	Replace Marine Patrol Truck Equipment	PD	-	-	-	1	-	-	-	-	6,000	-
	Replace Interview Room Recording Equipme	PD	-	-	-	1	-	-	-	-	12,000	-
	Replace Drying Cabinet	PD	-	-	-	-	1	-	-	-	-	8,000
	<b>Subtotal</b>							<b>\$ 81,800</b>	<b>\$ 205,200</b>	<b>\$ 119,000</b>	<b>\$ 96,000</b>	<b>\$ 78,000</b>

TABLE CE-3 (Continued)

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>CE3 - PD Equipment Purchase and Replacement &lt; \$5000</b>												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&lt; \$5,000) for the Police Department. (G/L# 001-8020-521.64-11)</i>												
	Upgrade Handguns	PD	-	TBD	-	-	-	\$ -	\$ 7,500	\$ -	\$ -	-
	Replace Ballistic Vests	PD	-	25	18	13	13	-	32,500	23,400	16,900	16,900
	Road Mini Patrol Shields	PD	-	6	6	6	6	-	3,000	3,000	3,000	3,000
	UAS Battery Replacement Craft	PD	-	3	3	3	-	-	1,500	1,500	1,500	-
	Tasers	PD	-	6	-	-	6	-	8,000	-	-	8,000
	Camera	PD	-	1	-	-	-	-	3,400	-	-	-
	Replace Handheld Radar Units	PD	-	3	-	-	-	-	4,680	-	-	-
	Traffic Cones	PD	-	200	-	-	-	-	3,800	-	-	-
	Swat Vests	PD	-	-	2	1	6	-	-	8,000	4,000	24,000
	<b>Subtotal</b>							<b>\$ -</b>	<b>\$ 64,380</b>	<b>\$ 35,900</b>	<b>\$ 25,400</b>	<b>\$ 51,900</b>
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&lt; \$5,000) for the Police Department. (G/L# 392-2001-521.64-11)</i>												
	Replace Ballistic Vests	PD	12	-	-	-	-	\$ 15,600	\$ -	\$ -	\$ -	-
	Road Mini Patrol Shields	PD	6	-	-	-	-	3,000	-	-	-	-
	Tasers	PD	6	-	-	-	-	8,000	-	-	-	-
	Swat Vests	PD	1	-	-	-	-	4,000	-	-	-	-
	Vehicle Mounted Radar Unit	PD	3	-	-	-	-	7,800	-	-	-	-
	Replace Motor Helmets	PD	2	-	-	-	-	1,900	-	-	-	-
	Replace Motor Helmet Comm. Systems	PD	2	-	-	-	-	1,700	-	-	-	-
	Replace Communications Chairs	PD	TBD	-	-	-	-	8,000	-	-	-	-
	<b>Subtotal</b>							<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>CE4 - DSAHS Equipment Purchase and Replacement &gt; \$5,000</b>												
<i>This project consists of purchasing new equipment (&gt; \$5,000) for the Aventura Charter High School.</i>												
	DSAHS Classroom Furniture	DSAHS	-	TBD	TBD	-	-	\$ -	\$ 225,000	\$ 187,500	\$ -	-
	<b>Subtotal</b>							<b>\$ -</b>	<b>\$ 225,000</b>	<b>\$ 187,500</b>	<b>\$ -</b>	<b>-</b>

TABLE CE-3 (Continued)

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>CE5 - CS Equipment Purchase and Replacement &gt; \$5,000</b>												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&gt; \$5,000) for the Community Services Department. (G/L# 001-8050-539.64-10)</i>												
	Replace Strength Machines at CRC	CS	2	2	3	-	2	\$ 8,600	\$ 11,000	\$ 9,200	\$ -	\$ 12,000
	Replace Treadmills at CRC	CS	1	1	-	-	2	7,000	7,000	-	-	14,500
	Replace Player Benches	CS	12	-	-	-	-	7,000	-	-	-	-
	Replace Pilates Machine	CS	1	-	-	-	-	5,500	-	-	-	-
	Replace Recumbent Bikes at CRC	CS	-	2	-	-	-	-	7,000	-	-	-
	Replace Ellipticals at CRC	CS	-	-	2	-	-	-	-	12,000	-	-
	Replace Soccer Goals	CS	-	-	2	-	-	-	-	6,000	-	-
	Replace Tech Center Furniture	CS	-	-	-	TBD	-	-	-	-	11,000	-
	Replace Pickup Truck	CS	-	-	-	-	1	-	-	-	-	30,000
	<b>Subtotal</b>							<b>\$ 28,100</b>	<b>\$ 25,000</b>	<b>\$ 27,200</b>	<b>\$ 11,000</b>	<b>\$ 56,500</b>
<b>CE6 - PW/T Equipment Purchase and Replacement &gt; \$5,000</b>												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&gt; \$5,000) for the Public Works/Transportation Department. (G/L# 001-8054-541.64-10)</i>												
	Replace Hybrid Utility Vehicle(s)	PW/T	-	1	-	-	-	\$ -	\$ 25,000	\$ -	\$ -	\$ -
	Replace Pickup Truck	PW/T	-	-	1	-	1	-	-	30,000	-	30,000
	Replace Sedan	PW/T	-	-	-	1	-	-	-	-	31,000	-
	<b>Subtotal</b>							<b>\$ -</b>	<b>\$ 25,000</b>	<b>\$ 30,000</b>	<b>\$ 31,000</b>	<b>\$ 30,000</b>
<b>CE7 - CS Equipment Purchase and Replacement &lt; \$5,000</b>												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&lt; \$5,000) for the Community Services Department. (G/L# 001-8050-539.64-11)</i>												
	Replace Tents	CS	2	2	4	4	4	\$ 2,000	\$ 2,000	\$ 4,200	\$ 4,200	\$ 4,200
	Replace Sports Fencing Panels	CS	25	25	25	25	25	4,000	4,000	4,200	4,200	4,500
	Replace Tables	CS	10	10	10	10	-	4,800	4,800	4,800	2,400	-
	Replace Soccer Goals	CS	2	-	-	2	-	4,900	-	-	4,900	-
	Replace Weight Racks	CS	1	-	-	-	-	2,000	-	-	-	-
	Replace Chairs/Carts	CS	-	20, 2	-	-	20, 2	-	4,700	-	-	4,900
	Replace Outdoor Tables	CS	-	TBD	-	-	-	-	4,600	-	-	-
	Replace Lobby Televisions	CS	-	-	2	-	-	-	-	3,000	-	-
	Replace Drinking Fountains	CS	-	-	-	-	1	-	-	-	-	4,900
	<b>Subtotal</b>							<b>\$ 17,700</b>	<b>\$ 20,100</b>	<b>\$ 16,200</b>	<b>\$ 15,700</b>	<b>\$ 18,500</b>

TABLE CE-3 (Continued)

PROPOSED CAPITAL EQUIPMENT PURCHASE AND REPLACEMENT PROJECTS  
SCHEDULED FOR 2019/20 - 2023/24

CIP #	CATEGORY RECAP	DEPT. #	Quantity					PROJECTED 2019/20	PROJECTED 2020/21	PROJECTED 2021/22	PROJECTED 2022/23	PROJECTED 2023/24
			1	2	3	4	5					
<b>CE8 - AACC Equipment Purchase and Replacement &gt; \$5,000</b>												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&gt; \$5,000) for the Arts &amp; Cultural Center Department. (G/L# 001-8070-575.64-10)</i>												
	Additional/Replace Moving Lights	AACC	2	1	-	-	4	\$ 11,000	\$ 5,000	\$ -	\$ -	20,000
	Rigging	AACC	N/A	-	N/A	-	N/A	5,000	-	5,000	-	5,000
	Additional/Replace Microphones Audio Equip	AACC	5	-	10	-	-	5,000	-	10,000	-	-
	Replace Wide Angle Lens for LCD Projector	AACC	1	-	-	-	-	5,000	-	-	-	-
	Replace Lighting Console	AACC	1	-	-	1	-	3,300	-	-	18,000	-
	Replace Marly Dance Floor	AACC	1	-	-	-	-	15,000	-	-	-	-
	Washer/Dryer	AACC	1	-	-	-	-	1,500	-	-	-	-
	Office Furniture	AACC	TBD	-	-	-	-	10,000	-	-	-	-
	XLR Cable Package	AACC	1	-	-	-	-	700	-	-	-	-
	Replace Clear Comm System	AACC	-	1	-	-	-	-	30,000	-	-	-
	Replace Audio Console	AACC	-	1	-	-	-	-	60,000	-	-	-
	Enhance/Replace ALD Listening System	AACC	-	1	-	-	-	-	7,000	-	-	-
	Replace Lobby Furniture	AACC	-	-	TBD	-	-	-	-	10,000	-	-
	Replace LCD Projector	AACC	-	-	1	-	-	-	-	25,000	-	-
	Replace Green Room Furniture	AACC	-	-	TBD	-	-	-	-	3,500	-	-
	Replace Soft Goods, Legs & Borders	AACC	-	-	15	-	-	-	-	20,000	-	-
	Refinish Grand Piano	AACC	-	-	-	1	-	-	-	-	6,500	-
	Replace Patio Furniture	AACC	-	-	-	TBD	-	-	-	-	5,000	-
	Replace Orchestra Charis and Music Stands	AACC	-	-	-	30	-	-	-	-	10,000	-
	Stage and Holiday Décor	AACC	-	-	-	TBD	-	-	-	-	5,000	-
	Replace Stage Monitors	AACC	-	-	-	-	TBD	-	-	-	-	20,000
	Hazer/Fogger	AACC	-	-	-	-	1	-	-	-	-	2,000
	Replace A/V Equipment	AACC	-	-	-	-	TBD	-	-	-	-	5,000
	<b>Subtotal</b>							<b>\$ 56,500</b>	<b>\$ 102,000</b>	<b>\$ 73,500</b>	<b>\$ 44,500</b>	<b>\$ 52,000</b>
<b>CE9 - CD Equipment Purchase and Replacement &gt; \$5,000</b>												
<i>This project consists of purchasing new equipment and replacing inefficient, defective or unusable equipment (&gt; \$5,000) for the Community Development Department. (G/L# 001-8040-524.64-10)</i>												
	Pickup Truck	CD	-	-	-	1	-	\$ -	\$ -	\$ -	\$ 30,000	\$ -
	<b>Subtotal</b>							<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,000</b>	<b>\$ -</b>
	<b>Totals</b>							<b>\$ 545,100</b>	<b>\$ 1,098,680</b>	<b>\$ 844,300</b>	<b>\$ 691,600</b>	<b>\$ 651,900</b>

