

COMMISSION MEMORANDUM

TO: Mayor Philip Levine and Members of the City Commission

FROM: Jimmy L. Morales, City Manager

DATE: September 25, 2017

SUBJECT: **A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, ADOPTING THE FINAL CAPITAL IMPROVEMENT PLAN FOR FISCAL YEARS (FY) 2017/18 - 2021/22 AND ADOPTING THE CITY OF MIAMI BEACH FINAL CAPITAL BUDGET FOR 2017/18.**

ADMINISTRATION RECOMMENDATION

Adopt the Resolution adopting the Final Capital Improvement Plan for FY 2017/18 – 2021/22 and adopting the Final Capital Budget for FY 2017/18.

BACKGROUND

The City's annual capital budget contains capital project commitments proposed for FY 2017/18. Preparation of the Capital Budget occurred simultaneously with the development of the FY 2017/18 – FY 2021/22 Capital Improvement Program and FY 2017/18 Operating Budget. The Capital Budget for FY 2017/18 appropriates funding for projects that will require commitment of funds during the upcoming fiscal year. The Capital Budget is adopted at the second budget hearing in September.

The City's capital improvement plan process begins in the Spring when all departments are asked to prepare capital improvement updates and requests on the department's ongoing and proposed capital projects. Individual departments prepare submittals identifying potential funding sources and requesting commitment of funds for their respective projects. Planning for capital improvements, however, is an ongoing process; as needs change within the City, capital programs and priorities must be adjusted. The Capital Improvement Plan ("CIP") serves as the primary planning tool for systematically identifying, prioritizing and assigning funds to critical City capital development, improvements and associated needs.

The Capital Budget presents project budgets for both the current and new capital projects necessary to improve, enhance and maintain public facilities and infrastructure to meet the service demands of residents and visitors to the City of Miami Beach. Capital reserves, debt service payments, and capital purchases found in the operating budget are not included in this budget. However, a capital equipment section is included, which itemizes purchases of major capital equipment, fleet, light and heavy equipment and information technology equipment related acquisitions.

In the spring of 2006, the City created a Capital Budget Process Committee comprised of the Capital Improvements Office, Department of Public Works, Planning Department, Fire

Department, Parks and Recreation Department, Parking Department, and Fleet Management Department, together with the Finance Department and the Office of Budget and Performance Improvement. The Committee is responsible for reviewing and prioritizing new capital projects that will be funded in a given fiscal year, and for recommendation of funding allocations from authorized sources for the prioritized projects. The Committee developed and implemented a structured committee process for development of the Capital Plan and Budget, including review criteria projects must meet in order to be considered for funding. Under the Capital Budget Process Committee process, departments submit proposed new project requests which staff reviews. Then, there is a sign-off by impacted departments, and a preliminary prioritization of the projects. The process is reviewed and refined annually by the Committee.

Based on the direction received from the Finance and Citywide Projects Committee in February 2008, the process was modified to allow for early input to the prioritization process by the Commission, subject to the availability of funds. Under the revised process, a preliminary list of unfunded projects is presented to the Commission or the Finance and Citywide Projects Committee, providing the opportunity for input and prioritization. This is consistent with the process for Commission input regarding operating budget priorities and the format used is similar to that used to seek guidance on operating budget priorities in prior years.

Capital funding priorities were discussed at the budget briefings at the Finance and Citywide Projects Committee meetings held on June 16, 2017, July 10, 2017, and July 21, 2017. The City Manager, Assistant City Managers, the Capital Improvement Project Office Director, other Department Directors, and other City staff were available to discuss specific projects and respond to the Committee's questions.

At the first budget briefing on June 16, 2017, Staff presented the preliminary list of unfunded projects that were being requested including projects that the Administration proposed for funding subject to the availability of funds. A summary of the changes requested by the Committee to the preliminary prioritization sheet throughout the three Finance and Citywide Projects Committee budget meetings are listed below (sorted by funding source):

Transportation Fund

- Added funding for the Nautilus Neighborhood Traffic Calming / Complete Streets - Phase I project in the amount of \$355,500, the scope of which will be refined through further input from the Homeowners' Association.

Capital Renewal and Replacement Fund

In FY 2017/18, it is recommended that the renewal and replacement voted millage rate remain flat, and be set to 0.0235 which will generate \$721,000 for renewal and replacement projects in FY 2017/18. Based on direction given by the Committee, the following projects were recommended to be added to the FY 2017/18 budget:

- Fire Station # 4 Kitchen Equipment Renewal - \$41,849
- Fire Station #3 Kitchen Equipment Renewal- - \$30,000
- Lifeguard Stand Replacements - \$141,189

Cultural Arts Council Endowment Fund

- Added \$800,000 in funding for the Collins Park Rotunda/ Performing Arts Venue project to the FY 2017/18 budget.

Fees in Lieu of Parking Fund- North Beach

- Removed all proposed funding for the Parking Garage at Biscayne Beach project, and added funding in the amount of \$600,000 for the Surface Lot at Biscayne Beach to the FY 2017/18 budget.

RDA (Non-TIF) Fund

- Added \$6,865,154 in funding for the Lincoln Road Washington Avenue to Lenox Avenue project to the FY 2017/18 budget.

Pay-As-You-Go (PAYGO) Fund

- Added \$91,000 in funding for the Fairway Park Artificial Turf Soccer Field, Drainage & Playground Replacement project to the FY 2017/18 budget.
- Added \$386,000 in funding for the Baywalk- South Bay Club, Bayview Terrace, Bay Garden Manor project to the FY 2017/18 budget.
- Added \$143,000 in funding for the Normandy Ilse Park Turf Replacement project to the FY 2017/18 budget.

South Beach Quality of Life (SB QOL) Fund

- Added \$148,779 in funding for the 5th Street Flyover Lighting Enhancement project to the FY 2017/18 budget.
- Added \$170,000 in funding for the MXE Security Cameras, through a realignment of funds in the Ocean Drive Extended Sidewalk Projects - Western Sidewalks project.
- Added \$75,000 in funding for the Soundscape Park Air Conditioning System Replacement project to the FY 2017/18 budget.

North Beach Quality of Life (NB QOL) Fund

- Added \$553,467 in funding for the North Beach Yard project to the FY 2017/18 budget.
- Added \$159,600 in funding for the Streetlighting Improvements project to the FY 2017/18 budget.
- Added \$654,000 in funding for the Rue Vendome Public Plaza project to the FY 2017/18 budget.
- Added \$433,000 in funding for the North Beach Bandshell Canopy Tent project to the FY 2017/18 budget.
- Removed funding in the amount of \$159,600 from the Lifeguard Stand project, as the Capital Improvement department opined that the other dollars proposed to replace the remaining stands in FY 2017/18 are sufficient.

2003 Parks General Obligation Bond (GOB) Fund

- Added \$50,000 in funding for the South Pointe Park Splash Pad Rubber and Drainage project to the FY 2017/18 budget.
- Added \$80,000 in funding for the Mid-Beach Park Restroom Renovation Project to the FY 2017/18 budget.

Stormwater Projects – Miami Dade County ILA Fund

- Added \$650,000 in funding for the Shane Watersports Seawall project to the FY 2017/18 budget.

Parking Operating Fund

- Added \$250,000 in funding for the Crespi Park Angle Parking Spaces project to the FY 2017/18 budget.

Other Changes

The following changes are recommended by the City Administration based on further refinement of the Budget and Capital Improvement Plan, as well as additional project requests from departments subsequent to the July 26, 2017 City Commission Meeting (sorted by funding source):

Miami City Ballet Fund

- Added \$25,000 in funding for the Miami City Ballet HVAC Coil Replacement project to the FY 2017/18 budget.

Half Cent Transit Surtax - County Fund

- Added \$480,000 in funding for the Enhanced LED Crosswalks project to the FY 2017/18 budget.

Capital Projects Financed By Other Funds

- Reduced the FY 2018/19 programmed funding for the North Shore Open Space Park Redevelopment project by \$137,134 to tie to the remaining balance of funds which will be available from the 8701 Collins Avenue Development Agreement. The goal is to identify another funding source during the FY 2018/19 budget development process.

Pay-As-You-Go (PAYGO) Fund

- Added \$100,000 in funding for the 72nd Street Park & Parking Structure - Civic Center Component project to the FY 2017/18 budget.
- Added \$400,000 in funding to the Espanola Way Conversion between Washington Avenue and Drexel project, using \$56,000 in PAYGO fund balance, \$97,000 in SB QOL fund balance, and the realignment of \$247,276 from the Beach Access Control Gates project (previously appropriated from SB QOL funds).
- Combined FY 2018/19 programmed funding for the Concrete Repair Sidewalk/Curb & Gutter project with the Sidewalk Repairs project, for a total of \$470,000.

Capital Reserve Fund

- Added \$395,492 in funding for the Altos Del Mar project to the FY 2017/18 budget, as the price submitted by the lowest bidder on this project has exceeded the appropriated budget.

South Beach Quality of Life Fund

- Reduced \$333,000 in funding for the Flamingo Park project to the FY 2017/18 budget, due to the lack of a current funding source. The goal is to realign funding to this project during FY 2017/18 from completed projects currently funded from the existing General Obligation Bond dollars.

North Beach Quality of Life Fund

- Added \$100,000 in funding for the 72nd Street Park & Parking Structure - Parks Component project, through a realignment of funds in the Kayak Launch Docks project.

2015 RDA Bond Convention Center Project Fund

- Added \$6,000,000 in funding to the Convention Center Renovation project, through a realignment of funds in the Convention Center Park and Convention Center - Carl Fisher projects in the amount of \$5,000,000 and \$1,000,000 respectively.

RDA South Pointe Capital Projects Fund

- Added \$585,000 in funding for the South Pointe Park Exterior Lighting project to the FY 2017/18 budget.
- Added \$100,000 in funding for the South Pointe Remediation project to the FY 2017/18 budget. This will be used to fund legal expenditures related to this project.

Proposed Future Water and Sewer Bond Fund

Made the following adjustments based on the updated capital plan for the Water and Sewer Bond document:

- Added \$59,019 in FY 2021/22 programmed funding for the Water Meter Replacement Program.
- Reduced FY 2018/19 programmed funding for the La Gorce Neighborhood Improvement project in the amount of \$297,347.
- Added \$500,000 in FY 2018/19 programmed funding for the Waste Water Pump Stations Rehabilitation project to the FY 2017/18 budget.

Stormwater Operations Fund

- Added \$628,603 in funding to the City Center Commercial District Bid Pack B project (19th Street Pump Station), through the realignment of funds in the Normandy Isle Phase II project in order to install an emergency generator in the south west corner of the Miami Beach Botanical Garden property.

Stormwater Bond Fund

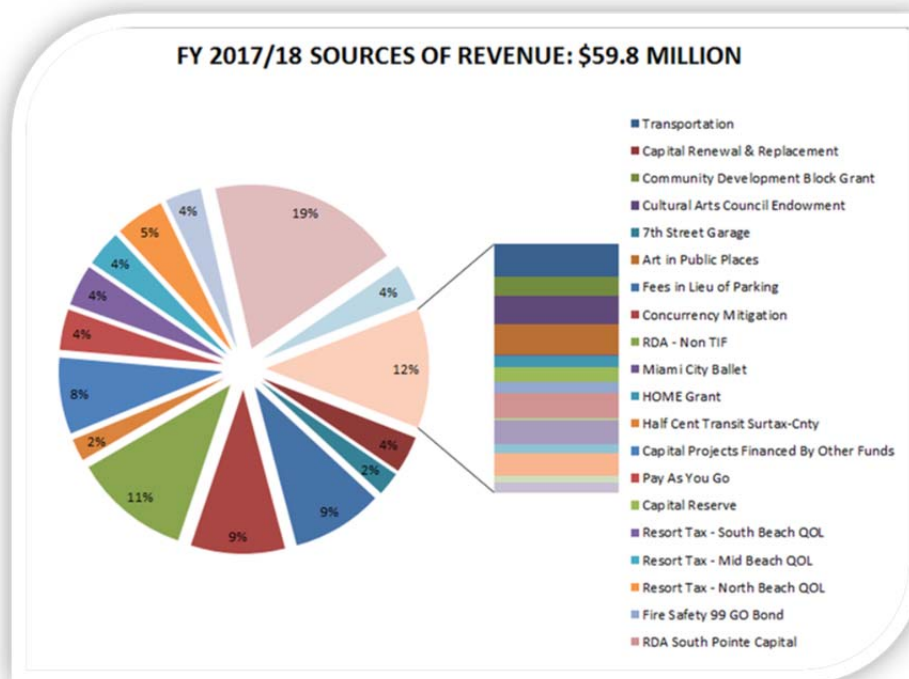
- Added \$132,000 in funding to the City Center Commercial District Bid Pack B project (19th Street Pump Station), through the realignment of funds in the Bayshore Bid Pack D Sunset Island 3 & 4 project in order to install an emergency generator in the south west corner of the Miami Beach Botanical Garden property.

Pennsylvania Avenue Garage and Parking Bond Funds

- Combined funding previously appropriated to the Closed Circuit Television System and the Garage Security Camera System projects.

SOURCES OF FUNDS

The Final FY 2017/18 Capital Budget totals \$59.81 million. There are various sources of funding; the major sources of funding include the Parking Operations Fund (19%), RDA Non-TIF Fund (11%), Fees in Lieu of Parking Fund (9%), and Concurrency Mitigation Fund (9%).



The success of any capital plan depends on the close coordination of the physical plan with a financial plan. Projects may be financed through a “Pay-As-You Go” capital component based on transfers from the General Fund, although these are often challenging to fund as they must compete with recurring operating requirements.

For this reason, the City has a financial goal of funding at least 5 percent of the General Fund operating budget as transfers for capital projects (Pay-as-You-Go) and capital projects contingency. The purpose of this goal was multi-faceted:

1. To provide flexibility in the operating budget that would allow the budget to be reduced without impacting services during difficult economic times;
2. To ensure that the City funds needed upkeep on our General Fund facilities, and right-of-way landscaping, lighting, etc.
3. To provide a mechanism to address additional scope of small new projects prioritized by the community and the Commission instead of having to delay these for a larger General Obligation Bond issue; and
4. To provide contingency funding so that projects where bids were higher than budgeted did not have to be delayed, especially during a heated construction market where delays often lead to further increases in costs.

The FY 2017/18 Budget and Work Plan provided for continual improvements and maintenance of our facilities and neighborhoods infrastructure by appropriating \$2.4 million from the General Fund as Pay-as-you-go funds to be used for new Pay-as-you-go eligible projects.

Additional means of financing of capital projects include the following:

- Borrowing money through the sale of bonds authorized by voters – General Obligation Bonds (G.O. Debt). General Obligation Debt is the debt service funding required for voter-approved bonds issued with the belief that a municipality will be able to repay its debt obligation through taxation or revenue from projects. No assets are used as collateral. Funds in this category include:
 - Gulf Breeze Bond Funds – Other (Loan Pool)
 - RCP – 15M Bond – 1997 Parks, Recreation and Culture GO Bond
 - 1999 GO Bonds – Neighborhood Improvements
 - 1999 GO Bonds – Parks & Beaches
 - 2003 GO Bonds – Fire Safety
 - 2003 GO Bonds – Parks & Beaches
 - 2003 GO Bonds – Neighborhood Improvements
- Borrowing money through the sale of bonds paid for by pledging a specific revenue stream – Revenue Bonds
 - Water and Sewer Gulf Breeze Loan 2010 Series
 - Gulf Breeze 2006 (Water and Sewer)
 - Water and Sewer Bonds 2000
 - Water and Sewer Bonds 1995
 - Stormwater Bonds 2000
 - 1997 Parking System Revenue Bonds
 - 2010 Parking Bonds
 - 2011 Stormwater Bonds
 - 2015 Stormwater Bonds
 - Proposed Future Stormwater Bonds
 - Interest on Stormwater Bonds
 - Proposed Future Water & Sewer Bonds

- Interest on Water & Sewer Bonds
- 2015 RDA Bonds
- 2015 Resort Tax 1% Bonds
- 2015 Parking Revenue Bonds

- Loans for Energy Savings Projects whereby the financing is secured by the by the costs savings that will be generated by the project

- Equipment Loans/Leases – used to fund capital equipment such as cars, trucks, and heavy equipment

- Federal, State and County Grant Aid Programs. Funding sources in this category include the following:
 - HUD (Housing and Urban Development) Section 108 Loan
 - Grants – 303 – including grants from state, federal and local agencies
 - Miami-Dade County Bond (County GO)
 - Federal Emergency Management Agency (FEMA)

- Special Revenue Fund which by law may only be used for specific purposes, funding sources in this category include the following:
 - The Resort Tax Fund is supported primarily by taxes levied on hotel, motel, rooming house and short term apartment room rents as well as on food and beverages sold at retail in any restaurant, as authorized by State Statute, and is used to fund tourism-eligible expenditures. A specific component of this Fund (the 1% Quality of Life Fund) is used to support tourism-eligible capital projects in north, south and mid-beach that improve the quality of life of the community
 - Parking Impact Fees
 - Concurrency Mitigation Fund
 - Half-Cent Transit Surtax
 - Local Option Gas Tax
 - Convention Development Tax
 - Information and Communications Technology Funds
 - 911 Emergency Funds
 - Art in Public Places Fund
 - Building Technology Fund

- Enterprise Fund Revenues which are derived from operations that are financed and operated in a manner similar to private businesses. The criteria used to determine if an operation should be an enterprise fund includes: 1) that it generates revenues; 2) that it provides services to the community; and 3) that it operates as a stand-alone entity, without subsidies from taxes etc. The City's Enterprise Fund Departments are: Convention Center, Sanitation, Stormwater, Water, Sewer, and Parking. In some cases, operating funds are advanced of bond sales and are repaid when the bonds are sold. Capital funding sources in this category include the following:
 - Water & Sewer Enterprise Fund
 - Sanitation Enterprise Fund
 - Parking Operations Fund
 - 7th Street Garage Fund
 - Stormwater Enterprise Fund

- Convention Center Fund
- Internal Service Funds which are completely offset by revenues received from the General Fund and Enterprise Fund Departments. The City's Internal Service Fund Departments are Information Technology, Central Services, Risk Management, Property Management, and Fleet Management.
- Other miscellaneous funding sources include
 - Capital Projects not Financed by Bonds/Reallocation of Bonds – Other Capital Projects/Capital Replacement Fund – reflecting funding from smaller miscellaneous sources

In addition, the City of Miami Beach Redevelopment Agency is a separate entity, whose Chairperson and Board of Directors are also the City's Mayor and City Commission. Capital projects. Capital projects funded by the Redevelopment Agency promote economic development within the City Center Redevelopment District.

Further, revenues associated with the expiration of the South Pointe Redevelopment District (previously part of the Miami Beach Redevelopment Agency) are also used to fund capital projects. The South Pointe redevelopment district was the most successful redevelopment district in the State of Florida. Assessed values increased from \$59 million when the district was established in 1976 to almost \$2.2 billion as of January 1, 2005.

With the expiration of the district, and pursuant to the 2001, 2003, and 2015 amendments to the Convention Development Tax (CDT) Interlocal Agreement with Miami-Dade County, additional intergovernmental revenues are received from Miami-Dade County for a limited number of years to be used for projects and to offset CDT or municipal resort tax type eligible expenditures Citywide.

The CIP reflects funding for projects both prior to the expiration of the South Pointe Redevelopment District that have not yet been completed, as well as the new funding sources with the expiration of the South Pointe Redevelopment District.

- South Pointe RDA
- City Center RDA Capital Fund
- MDC CDT Interlocal – Convention Development Tax or Resort Tax Eligible Projects
- South Point Capital
- RDA – Garage Fund

OVERVIEW OF FINAL FY 2017/18 – FY 2021/22 FIVE YEAR CAPITAL IMPROVEMENT PLAN

The Capital Budget for FY 2017/18 totals \$59,812,155 and will be appropriated on October 1, 2017 when approved by the Commission. Projects will address many needs in different areas of the City including: neighborhood enhancements such as landscaping, sidewalk restoration; traffic calming; roadway and bridge resurfacing and reconstruction; water, sewer, and drainage system improvements; park construction, renovation and upgrades; renovation of seawalls; parking lot and garage renovation, construction/renovation of public facilities; and vehicle replacement. The following tables summarize the proposed capital expenditures by funding and program source.

Funding Source	FY 2017/18
Transportation	913,575
Capital Renewal & Replacement	2,185,048
Community Development Block Grant	538,483
Cultural Arts Council Endowment	800,000
7th Street Garage	1,399,500
Art in Public Places	875,334
Fees in Lieu of Parking	5,386,347
Concurrency Mitigation	5,555,000
RDA - Non TIF	6,865,154
Miami City Ballet	25,000
HOME Grant	344,482
Half Cent Transit Surtax-Cnty	1,322,000
Capital Projects Financed By Other Funds	4,500,000
Pay As You Go	2,401,658
Capital Reserve	395,492
Resort Tax - South Beach QOL	2,433,579
Resort Tax - Mid Beach QOL	2,133,082
Resort Tax - North Beach QOL	2,891,067
Fire Safety 99 GO Bond	337,000
RDA South Pointe Capital	685,000
2001 Gulf Breeze-Normandy Golf	85,000
2003 G. O. Bonds-Parks & Rec	651,342
Water & Sewer Impact Fees	257,211
Stormwater Projects - MDC ILA	650,000
RDA Garages	2,138,000
Parking Operations	11,361,541
2015 Parking Bonds CC Project	185,260
Property Management	295,000
Communications	2,202,000
Total Proposed Appropriations as of 9/13/17	\$59,812,155

Program	FY 2017/18
ART IN PUBLIC PLACES	875,334
ENVIRONMENTAL	138,724
EQUIPMENT	4,649,057
GENERAL PUBLIC BUILDINGS	1,587,467
LIGHTING	800,979
MONUMENTS	279,000
PARKING	250,000
PARKING GARAGES	12,540,785
PARKING LOTS	600,000
PARKS	12,108,963
RENEWAL & REPLACEMENT	9,689,841
SEAWALLS	650,000
STREET / SIDEWALKS STREESCAPE	7,331,430
TRANSIT / TRANSPORTATION	8,208,575
UTILITIES	102,000
Total Proposed Appropriations as of 9/13/17	\$59,812,155

The FY 2017/18 – FY 2021/22 Capital Improvement Plan for the City of Miami Beach is a five-year plan for public improvements and capital expenditures by the City. This document is an official statement of public policy regarding long-range physical development in the City of Miami Beach. The Capital Improvement Plan has been updated to include projects that will be active during FY 2017/18 through FY 2021/22.

The Capital Improvement Plan has also been updated to include additional funding sources that have become available, changes in project timing, and other adjustments to ongoing projects as they have become better defined including projects that have been reconfigured, re-titled, combined with or separated from other projects and/or project groupings. These adjustments have no fiscal or cash impact and are as a result of a comprehensive review of the program to

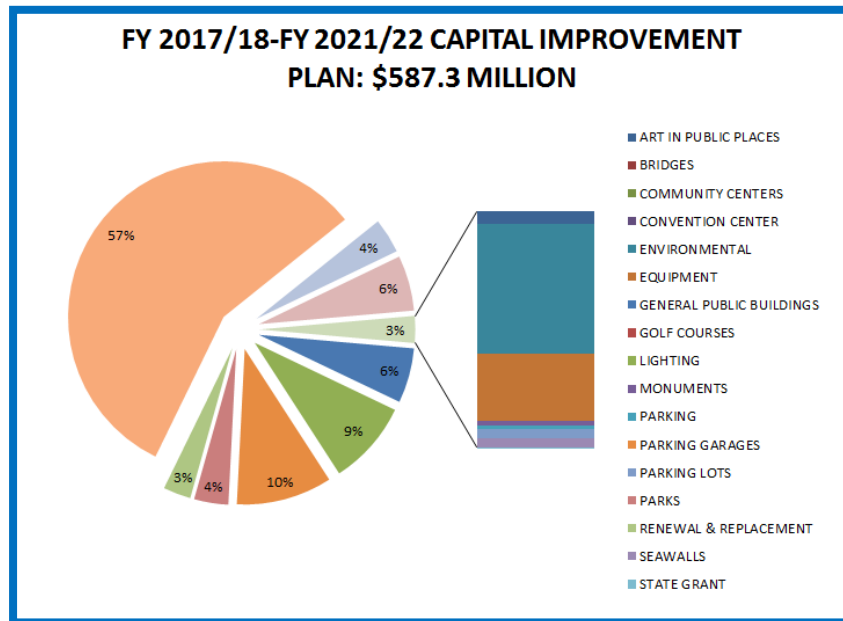
insure that our plan accurately reflects all project budgets, funding sources and commitments.

The Capital Improvement Plan also contains information on appropriations prior to FY 2017/18 for ongoing/active projects, as well as potential future appropriations beyond FY 2021/22. In conjunction with the development of the FY 2017/18 Capital Budget and Capital Improvement Plan, the City began to develop a list of potential projects that may be funded in the future, including projects that have been approved as part of a plan but not yet sequenced or approved for funding.

The following table shows a summary of the Five-Year Capital Improvement Plan by program area as well as prior year funding for ongoing projects, and funding requirements for desired projects with no anticipated funding, for the FY 2017/18 Capital Budget and the FY 2017/18 – FY 2021/22 Capital Improvement Plan.

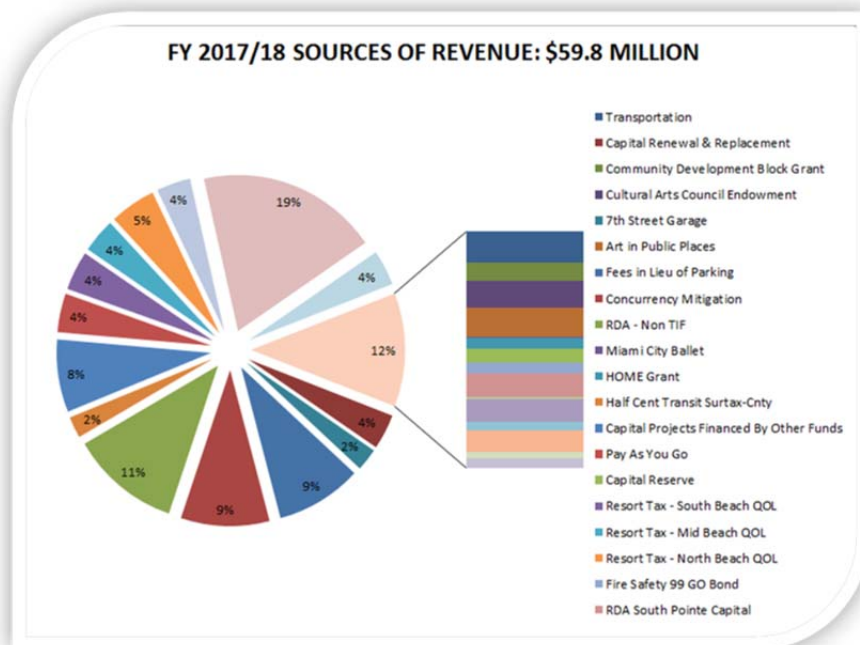
Program	Prior Years	FY2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Total
ART IN PUBLIC PLACES	7,412,797	875,334	-	-	-	-	8,288,131
BRIDGES	13,086,974	-	-	-	-	-	13,086,974
COMMUNITY CENTERS	102,600	-	-	-	-	-	102,600
CONVENTION CENTER	623,005,006	-	-	-	-	-	623,005,006
ENVIRONMENTAL	7,288,127	138,724	3,220,000	220,000	5,214,000	220,000	16,300,851
EQUIPMENT	25,341,662	4,649,057	-	-	-	-	29,990,719
GENERAL PUBLIC BUILDINGS	23,261,763	1,587,467	18,931,000	12,994,000	-	-	56,774,230
GOLF COURSES	5,725,190	-	-	-	-	-	5,725,190
LIGHTING	3,666,685	800,979	12,833,000	12,833,000	12,500,000	12,500,000	55,133,664
MONUMENTS	322,000	279,000	-	-	62,000	-	663,000
PARKING	-	250,000	-	-	-	-	250,000
PARKING GARAGES	44,533,514	12,540,785	45,895,000	-	-	-	102,969,299
PARKING LOTS	3,688,650	600,000	-	-	-	-	4,288,650
PARKS	48,632,084	12,108,963	8,723,860	-	-	-	69,464,907
RENEWAL & REPLACEMENT	24,273,767	9,689,841	3,465,000	1,815,000	1,610,000	248,000	41,101,608
SEAWALLS	29,110,822	650,000	-	-	-	-	29,760,822
STATE GRANT	7,500,000	-	-	-	-	-	7,500,000
STREET / SIDEWALKS STREESCAPE	402,932,335	7,331,430	90,629,653	8,120,000	110,957,000	117,834,000	737,804,418
TRANSIT / TRANSPORTATION	68,819,801	8,208,575	7,480,658	1,768,000	3,821,000	-	90,098,034
UTILITIES	63,681,888	102,000	22,521,500	10,581,000	250,000	309,019	97,445,407
Grand Total	\$ 1,402,385,664	\$ 59,812,155	\$ 213,699,671	\$ 48,331,000	\$ 134,414,000	\$ 131,111,019	\$ 1,989,753,509
					FY 2017/18-FY 2021/22		\$ 587,367,845

The graph below shows the major project types with funding proposed and programmed in the FY 2017/18 – FY 2021/22 Capital Improvement Plan. The largest proposed and programmed investments are in the streets and sidewalks (57%), parking garages (10%), and lighting (9%) throughout the next five years.

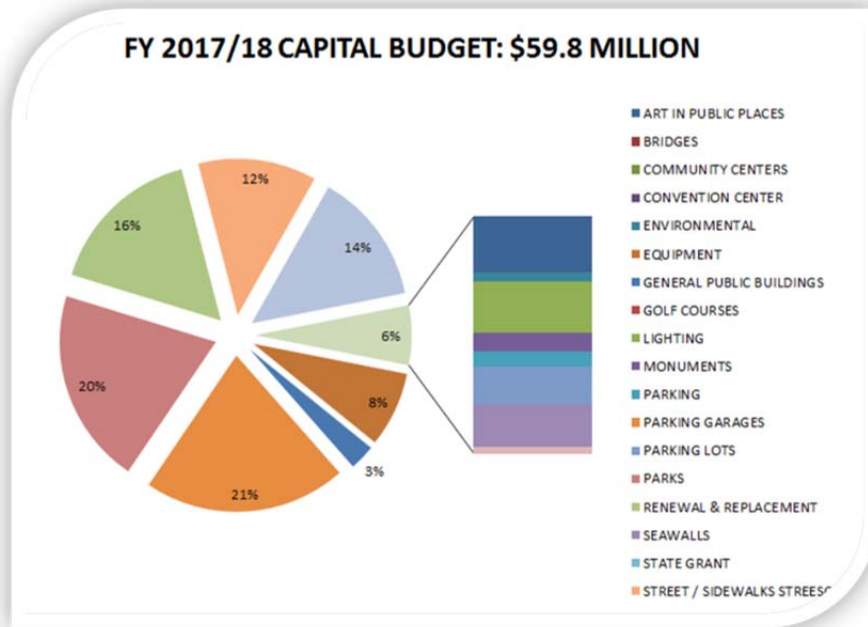


OVERVIEW OF FY 2017/18 CAPITAL BUDGET (ONE-YEAR CAPITAL BUDGET)

The FY 2018-2022 Capital Plan – Funding Summary (Attachment A) sorts the projects in the Capital Improvement Plan for FY 2017/18 – 2021/22 and the Capital Budget for FY 2017/18 by funding source (revenue). As seen in the following graph, the Parking Operations Fund brings in the largest portion (19%) of revenue for FY 2017/18 capital projects.



The FY 2018-2022 Capital Improvement Plan by Program (Attachment B) sorts the projects in the Capital Improvement Plan for FY 2017/18 – 2021/22 and the Capital Budget for FY 2017/18 by Program (expenditure). The largest proposed investments are in parking (21%) and parks (20%).



PROJECT HIGHLIGHTS BY PROGRAM AREA

Art in Public Places (AiPP)

The Art in Public Places (AiPP) Ordinance (Ordinance No. 95-2985) was adopted in 1995. The ordinance was created to “enhance the aesthetic environment of the City of Miami Beach by including works of art on public property within the City and in City construction projects.” The AiPP Ordinance was amended in May 2004 to clarify the definition of terms for eligible construction projects for funding as well as the policy and procedures for appropriations. The AiPP Guidelines were also adopted by the City Commission at that time.

The AiPP program is funded by 1½% of all hard costs of City projects, including new construction, additions, and costs for construction of joint private/public projects. The fund is used for the commission or acquisition of works of art; conservation and maintenance of works of art; research and evaluation of works of art; printing and distribution of related materials; and administration.

The One-Year Capital Budget includes \$875,334 for four (4) proposed projects at the Miami Beach Convention Center, Flamingo Park, Fire Station #2, and Lummus Park. Prior Years include previous funding for Soundscape Park and the Miami Beach Convention Center.

Bridges

Bridge repair projects are prioritized and funded based upon inspections by the Florida Department of Transportation, which ensures the safety of all bridges statewide. Other factors are also considered when determining the condition of a bridge, such as its load capacity. It is the City's responsibility to ensure that bridges are repaired in order to be safe for the motoring public. Pedestrian bridges are also included in this category which is the City's responsibility to maintain.

Prior Years includes \$12.3 million for the West Avenue Bridge over Collins Canal, \$558,564 for Bridge Repairs, and \$180,000 for the 81st Street Pedestrian Bridge Are.

Community Centers

The City's Parks & Recreation department previously operated three recreation centers, the Scott Rakow Youth Center, North Shore Youth Center, and 21st Street Recreation Center. During FY 2016/17, the City undertook the operations at the North Shore Tennis Center.

Prior Years includes \$102,600 for the North Shore Bandshell Stage/Sound System project.

Environmental

Environmental projects in the CIP cover a range of projects including beach access gates, canal enhancement projects, tidal flooding mitigation, lighting for the Beachwalk, recreational greenways, and improvements to the City's Botanical Garden Center.

The One-Year Capital Budget and adds \$386,000 for the Baywalk-South Bay/Bayview Terrace project, which will require additional funding of \$4.9 million in FY 2021. There are a significant number of projects that have been appropriated in Prior Years including \$3.0 million for the Citywide Tidal Flooding Mitigation project, \$2.7 million for the Middle Beach Recreational Corridor Phase III, \$690,000 for the Restorative Tree Well Phase IV Ocean Drive project, \$490,633 for the Citywide Dune Restoration and Enhancement project, \$292,000 for the Restorative Tree Well Treatment Phase III project, \$150,000 for the Lincoln Road Landscaping project, \$142,724 for the Beach Access Control Gates project, and \$48,539 for the Baywalk Phase I project, which needs additional funding in FY 2019. The Restorative Tree Well-Citywide project is programmed at \$220,000 annually beginning in FY 2019.

Equipment

The capital equipment section, of the CIP includes the purchase of major capital equipment, parking equipment, fleet, light equipment, and information technology equipment related acquisitions.

The One-Year Capital Budget totals \$4.6 million, and includes major projects such as the \$2.1 million for the Public Safety Viper System and \$1.1 million for the Garage Security Camera System. Prior year funding totaled \$25.3 million and included the Munis/Energov Technology project, the Revenue Control Eqp Phase I project, and the replacement of the Permits Plus Software.

General Public Buildings

The One-Year Capital Budget totals \$1.5 million. Key projects funded in FY 2017/18 include \$591,000 for the North Shore Park Restroom Renovation, \$553,467 for the North Beach Yard and \$443,000 for the North Sure Bandshell Tent. Future funding needs include \$21 million for Fire Station #1 and \$8.9 million for the 555 17th Street Building Replacement.

Golf Courses

The City operates the Miami Beach Golf Club, the Normandy Shores Golf Club, and provides limited services to the Par 3 Golf Course. The Miami Beach and the Normandy Shores Golf Clubs are funded from the General Fund with all revenues generated from the golf clubs going to the City to off-set operational expenses and debt service. The City's golf courses/ clubs are managed and operated by Professional Course Management (PCM) on behalf of the City.

Lighting

Improving lighting throughout the city consistent with Lighting and Crime Prevention Through Environmental Design (CPTED) principles was prioritized during the FY 2015/16 budget process. The One-Year Capital Budget includes \$0.8 million for continued Street Lighting Improvements citywide.

Monuments

The One-Year Capital Budget includes \$0.279 million for the Flagler Monument Solar Illumination project.

Parking, Parking Garages, and Parking Lots

The City manages and operates 67 surface parking lots and ten (10) garages, including the recently constructed Sunset Garage. There are a total of 8,424 metered spaces both on- and off-street and 23 residential parking permit zones citywide. The CIP programs provide funding for on-going maintenance of facilities which includes renovation of parking lots that are anticipated to provide additional parking spaces when complete.

The FY 2017/18 Parking Garage program includes \$7.7 million to add funding to existing projects, including \$5.9 million for the West Avenue Intercept garage, \$1.4 million for the garage at 2660 Collins Avenue and \$6.1 million for the garage at Collins and 13th Street. \$500,000 is budgeted for the 72nd Street Park and Parking Structure in FY 2017/18, with additional funding in the amount of \$38,595,000 needed in FY 2018/19. Parking Lot program includes \$600,000 to construct a surface lot at Biscayne Beach.

Parks

The City maintains the appearance of the gateways to the City, all municipal parks, buildings grounds and City controlled medians, swales landscape areas including the management of the City's urban forest and the landscape maintenance contracts for the entire City's parking facilities.

The One-Year Capital Budget for Parks totals \$12.1 million and includes \$0.77 million for the Brittany Bay Park, \$1.8 million for the Flamingo Park, \$4.3 million for the North Shore Open Space Park Redevelopment project, and \$2.5 million for the Maurice Gibb Park Remediation.

Renewal and Replacement

Fiscal Year 2011/12 was the first year that new and existing capital renewal and replacement projects were included in the capital improvement plan and capital budget.

Prior to FY 2004/05, the City made significant investment in the routine maintenance of its assets as well as funding major capital projects, bringing on line miles of sidewalks and curbing; additional streetlights; new parks and park facilities, new Fire station facilities, etc. However, maintenance of the capital investments competed with General Fund services and routine maintenance, with the result that funding levels did not provide for major capital renewal and replacement projects. As a result, these projects often were deferred many years beyond the useful life of the capital component requiring replacement or renewal, in some cases until the point where an entire capital project is required for major improvements.

To ensure that renewal and replacement of General Fund assets are funded and addressed when needed, in FY 2004/05, the City of Miami Beach established a dedicated millage for renewal and replacement funding to be used for capital projects that extend the useful life of the City's General Fund assets to be used exclusively to provide for renewal and replacement of capital items related to our facilities and infrastructure over and above routine maintenance. The following restrictions regarding the fund were established at the time that the dedicated funding was created:

- Projects must meet the following criteria for funding:
 - Projects that extend the useful life of a City of Miami Beach general fund asset by at least 5 years with a threshold value of at least \$25,000; for example the replacement a major component of the asset such as roofs, HVAC systems, electrical systems, fire alarm systems, sprinkler systems that due to significant deterioration would constrain the remaining useful life of the asset, OR
 - Projects that significantly reduce future maintenance cost over the remaining life of the asset providing for a reduction in future maintenance costs that are greater than the cost of the project.
- The Mayor and Commission may authorize additional uses of the funds for unforeseen or unanticipated events affecting life, health, property or public safety subject to a five-sevenths (5/7) vote.
- Appropriation of project specific expenditures from the General Fund Capital Renewal and Replacement Fund shall be included in the City Manager's annual proposed budget, to be approved by the Mayor and City Commission annually during the City's second public hearing on the budget.
- Interest earnings that accrue in the General Fund Capital Renewal and Replacement Fund shall be included in the appropriation for the Fund in the following fiscal year.
- Changes among project specific appropriations may be authorized by the City Manager to

the extent that no new projects are added and the total annual allocation is not exceeded.

- During a fiscal year, changes to the total allocation and changes to the list of projects to be funded from the General Fund Capital Renewal and Replacement Fund shall require prior approval and authorization by a majority of the City Commission. Excess project specific appropriations not required will be available for re-appropriation the following year.
- Project specific appropriations that are not expended in a given fiscal year shall remain in the General Fund Capital Renewal and Replacement Fund for the life of the project.

At the same time, the City established a systematic approach to identify renewal and replacement needs. City facilities are inspected at least once every five years to determine current renewal and replacement needs as well as projected replacement dates for all of the major Building components. A Facility Condition Index Rating (FCI) is assigned to each facility based on the total value of existing requirements divided by the current replacement value of the building. Based on industry standards ratings are assigned as follows:

- 0.00 to 0.10 Excellent
- 0.11 to 0.21 Good
- 0.122 to 0.32 Fair
- Greater than 0.33 Poor

Facilities that have high public usage have a goal of “Excellent”, while all other facilities have a goal of “Good”. Renewal and replacement projects for facilities that are not supported by the General Fund are funded from available cash balances in the respective Internal Service or Enterprise Funds, e.g. Fleet, Sanitation, Property Management, Water, Sewer, Stormwater, Parking, and Convention Center. City Center Redevelopment Area (RDA) projects are funded through the City Center RDA budget

The FY 2017/18 dedicated millage of 0.0235 mills is projected to generate \$721,000 for the General Fund Capital Renewal and Replacement Fund. Internal Service Funds, Enterprise Funds and Special Revenue Funds also provide sources of funding for non-General Fund Renewal and Replacement Projects.

Seawalls

The One-Year Capital Budget includes \$650,000 for the Shane Watersport Seawall project.

Street/Sidewalk/Streetscape Improvements

Projects within neighborhood areas are combined to create a single project that addresses the neighborhood needs for infrastructure upgrades (including upgrades to underground water, sewer and stormwater infrastructure), traffic flow improvements, street lighting and landscaping enhancements.

The One-Year Capital Budget totals \$7.3 million, primarily for the Lincoln Road Washington Ave to Lenox Ave project in the amount of \$6.8 million. Prior Year appropriations total \$307.6 million and include several key projects such as Bayshore Neighborhood, Biscayne Pointe Neighborhood Improvements, City Center Commercial District BP9B, Venetian Neighborhood

Improvements, Lincoln Road Connectors, and South Pointe Improvements. \$7.0 million will be needed for the Lincoln Road Washington Ave to Lenox Ave project in FY 2018/19.

Transit/Transportation

The City is responsible for the management of transportation and traffic engineering services, including coordination with the County for the provision of transit service; coordination and funding of the South Beach Local, the most successful bus circulator in the County, design and implementation of traffic mobility improvements, coordination of the shared-bike program, and implementation of the Bikeways Master Plan. Along with, and related to, growth management, traffic flow continues to be one of our community's major concerns.

The One-Year Capital Budget totals \$8.2 million, which includes \$5.5 million for the Intelligent Transportation & Smart Parking System, \$580,000 for the Signalization Alton Rd and 4th St, \$480,000 for Enhanced Crosswalks, and \$430,000 for Royal Palm Neighborhood Greenway.

FINANCING

A number of capital financing transactions are reflected in the Capital Improvement Plan including: General Obligation Bonds, Stormwater Revenue Bonds, Water and Sewer Revenue Bonds, Gulf Breeze Loans and an Equipment Master Lease.

In 1995, the City issued \$59 million in Water and Sewer Revenue Bonds. In 1997, the City paid \$15 million for the 1996 authorized General Obligation Bonds to construct, renovate and rebuild parks and recreation facilities within the City's park system.

In 2000, the City issued the initial \$30 million of the authorized \$92 million 1999 General Obligation Bond. These funds were issued to expand, renovate and improve fire stations and related facilities; improve recreation and maintenance facilities for parks and beaches; and improve neighborhood infrastructure. In 2000, the City also issued \$54,310,000 in Water and Sewer Bonds and \$52,170,000 in Stormwater Revenue Bonds. In addition, the City was granted a \$4 million Section 108 U.S. Housing and Urban Development Loan for improvements to neighborhood streets, North Shore Park and Youth Center.

In 2001, the City executed loan agreements with the City of Gulf Breeze, Florida, providing \$15 million for the renovation and improvement of two City owned golf courses and their related facilities. The City issued the remaining \$62,465,000 of the referendum approved \$92 million General Obligation bonds in July 2003 for improving neighborhood infrastructure in the City. Further, in 2006 and 2010, the City executed loan agreements with the City of Gulf Breeze, Florida, providing an additional \$24 million and \$30 million for water and sewer projects, respectively.

Based on current project schedules, additional water and sewer, and stormwater financing, previously anticipated for FY 2007/08 are now financed over a series of years. The FY 2007/08 Capital Budget and CIP anticipated \$47.8 million in new water and sewer financing and \$79.7 million in new stormwater financing. In 2006 and 2010, the City executed loan agreements with the City of Gulf Breeze, Florida, providing an additional \$24 million and \$30 million for water and sewer projects, respectively. In FY 2008/09, a line of credit was issued and was being used to fund projects in advance of issuing water and sewer and storm water bonds. Under this

approach, the City uses the line of credit in order to have the necessary funding capacity to enter into new projects. This also allows the City more time to both build the necessary rate capacity to issue additional tax-exempt bonds through rate increases and also spend down the current committed but unspent bond proceeds. This phased approach provides the City with more time to refine the cost estimates for projects planned to be in construction prior to issuance of bonds. In FY 2011/12, approximately \$50 million in stormwater bonds were issued replacing funding for projects previously funded by the line of credit. In FY 2014/15, approximately \$100 million in stormwater bonds were issued as part of the first of three \$100 million bonds to upgrade the City's stormwater system.

On December 15, 2015, the City issued \$164,920,000 in Resort Tax Revenue Bonds, Series 2015. These Series of bonds are being issued by the City for the purpose of providing funds to (1) finance a portion of the costs of acquiring and constructing renovations to the Miami Beach Convention Center and related improvements, and (ii) pay the costs of issuing the Series 2015 bonds.

On December 15, 2015, the City issued \$58,825,000 in Parking Revenue Bonds, Series 2015. These Series of bonds are being issued by the City for the purpose of providing funds to (i) finance a portion of the costs of acquiring and constructing a new parking facility and improvements to a surface parking lot to serve the City's Convention Center, and (ii) pay the cost of issuing the Series 2015 bonds.

On December 15, 2015, the RDA Agency issued \$286,245,000 in Tax Increment Revenue and Revenue Refunding Bonds, Series 2015A and \$35,850,000 in Tax Increment Revenue Refunding Bonds, Taxable Series 2015B. The Series 2015A bonds will be used, together with certain other legally available moneys of the Agency, to (i) provide for the current refunding of all the outstanding Series 2005B bonds, (ii) finance certain costs of acquiring and constructing renovations to the Miami Beach Convention Center and certain other improvements, and (iii) pay costs of issuance of the Series 2015 bond and refunding the outstanding Series 2005B bonds. The Series 2015B will be used to (i) provide for the advance refunding of all the outstanding Series 1998 bonds, (ii) provide for the current refunding of all the outstanding Series 2005A bonds, and (iii) pay costs of issuance of the Series 2015B bonds and refunding the outstanding Series 1998A bonds and the outstanding Series 2015A bonds, including the portion of the premium allocable to the Series 2015B bonds for the reserve policy.

Depending on cash flow, Water and Sewer bonds and Stormwater bonds may be issued in FY 2017/18. Historically there has been a phased approach for the issuance of water, sewer and stormwater financing. Under this approach, the City has accessed a line of credit to allow the City to have the necessary funding capacity to enter into new projects, while allowing the City more time to both build the necessary rate capacity to issue additional tax-exempt bonds through rate increases and also spend down the current committed but unspent bond proceeds.

PROPOSED 2018 G.O. BOND PROGRAM

At their July 21, 2017 meeting, the Finance & Citywide Projects Committee provided direction to move forward with development of a Proposed 2018 General Obligation (G.O.) Bond program. The Committee recommended that the necessary voter referendum for general obligation bonds take place on November 6, 2018, which is the date of the general election. In addition, the Committee recommended that the Commission's millage vote to fund the debt service associated with the bond program take place in advance of the voter referendum on September,

2018 in order to expedite the issuance of the bonds and accelerate implementation of the capital projects in the bond program.

The Proposed 2018 General Obligation (G.O.) Bond Program will be developed over the coming year and consists of the following steps:

- Identify Potential Projects – This step includes compiling a wish list of projects from various sources including staff and the community. Over \$300 million in potential projects have been identified to date.
- Size of Bond Program and Propositions – Based on the amount on the needs in the community and the affordability of the necessary debt service, the overall dollar amount of the proposed 2018 G.O. Bond Program would be set along with amounts for each proposition or ballot measure (for example, \$200 million bond program with \$50 million for Parks & Beaches).
- Prioritization of Projects – Next, the wish list would be prioritized to fit within the overall proposed 2018 G.O. Bond Program dollar amount within each of the propositions or ballot measures. This process could also include community input. The proposed projects would also be programmed out over the next five years.
- Community Outreach – Since G.O. bond programs have to be approved by voters, a significant amount of time and energy would be devoted for several months of community outreach to educate voters regarding the proposed 2018 G.O. Bond Program.
- Voter Referendum – The actual date of the vote to approve the proposed 2018 G.O. Bond Program will take place on November 6, 2018. If all or individual ballot measures are not approved, they would have to be presented to the voters in a subsequent year.

CONCLUSION:

The Administration recommends adopting the Final Capital Improvement Plan for FY 2017/18 - 2021/22 and adopting the City of Miami Beach Final Capital Budget for FY 2017/18.

Attachment A – FY 2018-2022 Capital Improvement Plan Funding Summary
Attachment B – FY 2018-2022 Capital Improvement Plan by Program

JLM/JW/TOS



**CITY OF MIAMI BEACH
FY 2018-2022 CAPITAL IMPROVEMENT PLAN - FUNDING SUMMARY
ATTACHMENT A**

PROJECT NUMBER	PROJECT NAME	PREVIOUS YEARS	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
27880	73rd Street Protected Bike Lanes	239,000	-	-	-	-	-	-	239,000
27900	Prairie Ave from 28th St to 44th Point	294,000	-	-	-	-	-	-	294,000
27910	Meridian Ave (North) 28th St & Dade Path	278,000	-	-	-	-	-	-	278,000
27920	Alton Rd between Chase Ave & North Michigan	418,000	(418,000)	-	418,000	-	-	-	418,000
27930	Shared Path on Parkview Island Park	320,000	-	-	-	-	-	-	320,000
27940	Euclid Avenue between 17th Street and 5th Street to 16th Street	470,000	-	-	-	-	-	-	470,000
28050	Everglades Court Alleyway Paving	300,000	-	-	-	-	-	-	300,000
28080	Intelligent Transportation & Smart Parking System	2,020,260	-	-	-	-	-	-	2,020,260
29500	Collins Canal Enhancement Project	1,030,698	-	-	-	-	-	-	1,030,698
29810	Alleyway Restoration - Phase III	412,500	-	-	-	-	-	-	412,500
60207	Painting Venetian Bike Lanes	486,558	-	-	-	-	-	-	486,558
64180	Pavement Assessment Survey	327,000	-	-	-	-	-	-	327,000
64210	Sidewalk Assessment Survey	75,000	-	-	-	-	-	-	75,000
67250	Driveway and Sidewalk Repairs	171,000	-	-	-	-	-	-	171,000
Fund Total		12,423,396	1,322,000	-	418,000	-	-	-	14,163,396
199 Other Special Revenues Fund									
20110	28th Street Obelisk Stabilization	215,000	-	-	-	-	-	-	215,000
20330	Middle Beach Rec Corridor Phase II	200,000	-	-	-	-	-	-	200,000
25750	West Ave Bridge Over Collins Canal	5,011,000	-	-	-	-	-	-	5,011,000
29560	Indian Creek Park Seawall	1,092,502	-	-	-	-	-	-	1,092,502
Fund Total		6,518,502	-	-	-	-	-	-	6,303,502
301 Capital Projects Financed By Other Funds									
20050	Bridge Light (77 St / Hawthorne Ave)	30,000	-	-	-	-	-	-	30,000
20110	28th Street Obelisk Stabilization	381,780	-	-	-	-	-	-	381,780
20200	Light Rail / Modern Street Car	3,300,000	-	-	-	-	-	-	3,300,000
20220	Dickens Av Shoreline & Bike Path	231,974	-	-	-	-	-	-	231,974
20597	West Avenue ROW Phase II	8,861	-	-	-	-	-	-	8,861
21630	Muss Park	-	-	-	-	-	-	-	-
21660	Parks Maintenance Facility	-	-	-	-	-	-	-	-
22050	Bayshore Neighborhood - Bid Pack A	223,199	-	-	-	-	-	-	223,199
23200	Flamingo Park	896,690	-	-	-	-	-	-	896,690
24530	Sunset Islands 1 & 2 Guardhouse	-	-	-	-	-	-	-	-
24630	Flagler Monument Solar Illumination	89,000	-	-	-	-	-	-	89,000
25380	Band Shell Master Plan Improvements	-	-	-	-	-	-	-	-
26150	Baywalk Phase 1	41,639	-	-	-	-	-	-	41,639
26270	Par 3 Golf Course/ Community Park	412,100	-	-	-	-	-	-	412,100
26990	Second Floor Renovation-Building Dept.	629,898	-	-	-	-	-	-	629,898
27950	North Shore Open Space Park Redevelopment	650,000	4,310,000	5,000,000	-	-	-	-	9,960,000
29000	Munis/Energov Technology Project	7,406,550	-	-	-	-	-	-	7,406,550
29130	South Pointe Miscellaneous Improvements	-	-	-	-	-	-	-	-
29430	South Pointe Park Remediation	315,000	-	-	-	-	-	-	315,000
60657	Neptune Apartments	15,978	-	-	-	-	-	-	15,978
62718	North Shore Beach Neighborhood Parks Restroom Renovations	-	190,000	-	-	-	-	-	190,000
Fund Total		14,632,669	4,500,000	5,000,000	-	-	-	-	24,132,669
302 Pay As You Go - Capital Fund									
20021	Indian Creek Pedestrian Bridges	-	-	-	-	-	-	595,000	595,000
20048	North Shore Neighborhood ROW Improvements - 85th Street Neighborhood Greer	-	-	990,000	-	-	-	-	990,000
20038	77th Street Neighborhood Greenway	-	-	690,000	-	-	-	-	690,000
20058	Central Bayshore - Chase Avenue/ 43rd Street Shared Use Path	-	-	830,000	-	-	-	-	830,000
20068	North Shore Neighborhood ROW Improvements - Tatum Waterway Neighborhood	-	-	830,000	-	-	-	-	830,000
20071	Palm Island Fountain	-	-	-	-	-	-	100,000	100,000
20078	Street Pavement Restoration	-	-	1,000,000	1,000,000	1,000,000	1,000,000	-	4,000,000
20101	North Shore Open Beach Maintenance Facility	-	-	-	-	-	-	2,754,000	2,754,000
20160	Fire Station No. 1	-	-	10,000,000	11,005,000	-	-	-	21,005,000
20168	Intermodal - New Garage 5th Street & Alton Road	-	-	-	-	-	-	17,500,000	17,500,000
20190	Normandy Shores Park Fitness Circuit	199,500	-	-	-	-	-	-	199,500
20220	Dickens Av Shoreline & Bike Path	3,420	-	-	-	-	-	-	3,420
20221	16th Street Improvement/Protected Bicycle Lanes	-	-	-	-	827,000	-	-	827,000
20237	Fairway Park (Artificial Turf Soccer Field, Drainage & Playground Replacement)	1,181,000	91,000	-	-	-	-	-	1,272,000



CITY OF MIAMI BEACH
FY 2018-2022 CAPITAL IMPROVEMENT PLAN - FUNDING SUMMARY
ATTACHMENT A

PROJECT NUMBER	PROJECT NAME	PREVIOUS YEARS	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
20247	Citywide Park Irrigation System Upgrade	170,000	-	-	-	-	-	-	170,000
20307	Miami Beach Police Facilities Camera System	64,000	-	-	-	-	-	-	64,000
20319	Restorative Tree Well Citywide	-	-	220,000	220,000	220,000	220,000	-	880,000
20387	Soundscape Park Concession and Restrooms	800,000	-	-	-	-	-	-	800,000
20417	Ocean Rescue 79 Street Sub Headquarter Trailer Replacement	150,000	-	-	-	-	-	-	150,000
20419	81st Street Neighborhood Greenway	-	-	500,000	-	-	-	-	500,000
20422	Flamingo Neighborhood - Above Ground	-	-	-	-	-	-	20,000,000	20,000,000
20522	Nautilus Neighborhood - Above Ground	-	-	-	-	-	-	5,000,000	5,000,000
20607	11th Street Flamingo Neighborhood	1,050	-	-	-	-	-	-	1,050
20620	La Gorce/ Pine Tree Drive Protected Bicycle Lanes	-	-	-	300,000	1,500,000	-	-	1,800,000
20622	Lincoln Road to Lincoln Bay Towers Baywalk	-	-	-	-	-	-	1,778,000	1,778,000
20819	555 Building Replacement	-	-	8,931,000	-	-	-	-	8,931,000
20918	Brittany Bay Park Overlooks and Living Shoreline	-	772,000	-	-	-	-	-	772,000
20922	Normandy Isles Drainage Improvements	-	-	-	-	-	-	9,000,000	9,000,000
21018	Baywalk - South Bay Club, Bayview Terrace, Bay Garden Manor	-	386,000	-	-	4,994,000	-	2,040,000	7,420,000
21118	Stillwater Entrance Sign, Landscaping and Lighting	-	-	-	-	-	-	9,000,000	9,000,000
21630	Muss Park	-	-	-	-	-	-	-	-
21660	Parks Maintenance Facility	-	-	-	1,989,000	-	-	-	1,989,000
22050	Bayshore Neighborhood - Bid Pack A	960,405	-	-	-	-	-	-	960,405
22150	72nd Street & Parking Structure	-	100,000	17,429,000	-	-	-	-	17,529,000
22418	Mount Sinai Stormwater Pump Station	-	-	5,400,000	-	-	-	-	5,400,000
23140	Property Management Facility	130,996	-	-	-	-	-	-	130,996
23180	Bayshore Neighborhood - Bid Pack D	745,500	-	-	-	-	-	-	745,500
23200	Flamingo Park	37,000	825,000	1,384,000	-	-	-	-	2,246,000
23220	North Shore Neighborhood Improvements - Above Ground	-	-	-	-	5,000,000	5,000,000	-	10,000,000
23240	La Gorce Neighborhood Improvements	450,000	-	7,500,000	-	-	-	-	7,950,000
23260	Bayshore Neighborhood - Bid Pack B	218,000	-	-	-	-	-	-	218,000
23270	City Center - Above Ground	-	-	-	-	11,200,000	-	-	11,200,000
23380	Palm & Hibiscus Island Enhancement	50,000	-	-	-	-	-	-	50,000
24530	Sunset Islands 1 & 2 Guardhouse	200,000	-	-	-	-	-	-	200,000
24630	Flagler Monument Solar Illumination	233,000	-	-	-	-	-	-	233,000
24790	Park View Island	52,162	-	-	-	-	-	-	52,162
25750	West Ave Bridge Over Collins Canal	1,303,396	-	-	-	-	-	-	1,303,396
25940	Seawall Repair - Fleet Management	1,877,082	-	-	-	-	-	-	1,877,082
26150	Baywalk Phase 1	-	-	3,000,000	-	-	-	-	3,000,000
27170	Seawall-Biscayne Bay Street End Enhancement Phase II	185,714	-	-	-	-	-	-	185,714
27510	Normandy Isles-Marseille Lighting Phase II	139,000	-	-	-	-	-	-	139,000
27610	Seawall-Muss Park Rehabilitation	1,161,000	-	-	-	-	-	-	1,161,000
27650	Aluminum Street Lighting Pole Replacement	1,000,000	-	-	-	-	-	-	1,000,000
27800	Street Lighting Improvements Citywide	-	-	12,500,000	12,500,000	12,500,000	12,500,000	-	50,000,000
27870	Byron Avenue Bike Lanes Painting	-	-	350,000	-	-	-	-	350,000
27880	72nd Street Protected Bike Lane	-	-	161,000	-	-	-	161,000	322,000
27990	Maurice Gibb Park Floating Dock	177,000	-	-	-	-	-	-	177,000
28300	Shane Watersport Seawall	134,000	-	-	-	-	-	-	134,000
28410	Scott Rakow Youth Center Playground	156,855	-	-	-	-	-	-	156,855
28510	City Hall Space Plan Implementation	570,000	-	-	-	-	-	-	570,000
28580	Española Way Conversion between Washington and Drexel	-	56,000	-	-	-	-	-	56,000
28850	Maurice Gibb Park Redesign	-	28,658	955,860	-	-	-	-	984,518
28940	Bayshore Neighborhood Central Bayshore - South	21,824	-	-	-	-	-	-	21,824
29730	Normandy Isle Neighborhood ROW Phase II	174,734	-	-	-	-	-	-	174,734
29810	Alleway Restoration	-	-	120,000	120,000	120,000	120,000	-	480,000
60011	Irrigation System MacArthur Causeway Repair/Upgrades	-	-	-	-	-	28,000	-	28,000
60017	Office of Communications Remodel	150,000	-	-	-	-	-	-	150,000
60031	Water Tower Restoration Star Island	-	-	-	-	-	-	593,000	593,000
60137	Palm Island Tennis Court Lighting	44,000	-	-	-	-	-	-	44,000
60157	Sky Watch Tower Refurbish	116,000	-	-	-	-	-	-	116,000
60177	South Beach Pedestrian Priority Zones	-	-	1,500,000	650,000	-	-	-	2,150,000
60217	Ocean Dr. LGBT Decorative Intersection	100,000	-	-	-	-	-	-	100,000
60219	Sidewalk Repairs (City-Wide)	-	-	470,000	220,000	220,000	220,000	-	1,130,000
60257	Bay Drive Neighborhood Greenway	-	-	1,125,000	-	-	-	-	1,125,000



**CITY OF MIAMI BEACH
FY 2018-2022 CAPITAL IMPROVEMENT PLAN - FUNDING SUMMARY
ATTACHMENT A**

PROJECT NUMBER	PROJECT NAME	PREVIOUS YEARS	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
60327	Flamingo Neighborhood ROW Improvements - 10th / 11th Street Neighborhood Gr	-	-	-	-	1,494,000	-	-	1,494,000
60607	N. Shore Park Tennis Center Fence Replacement	130,000	-	-	-	-	-	-	130,000
60617	Palm Island Playground Surface Replacement	58,000	-	-	-	-	-	-	58,000
61360	Senior Center HVAC	15,970	-	-	-	-	-	-	15,970
61890	Repaint/Repair of North End Parks Fences	115,000	-	-	-	-	-	-	115,000
61920	Maurice Gibb Soil Remediation	896,000	-	-	-	-	-	-	896,000
62580	Middle School Teen Center- Nautilus	42,000	-	-	-	-	-	-	42,000
62710	Standardized Park Picnic Table Replacement	16,000	-	-	-	-	-	-	16,000
62720	Standardized Park Trash Receptacle Replacement	100,000	-	-	-	-	-	-	100,000
62760	Standardized Park Bench Replacement	70,000	-	-	-	-	-	-	70,000
64170	Biscayne Pointe Island Entryway	200,000	-	-	-	-	-	-	200,000
67260	Police Station Building Main Gate	45,000	-	-	-	-	-	-	45,000
67280	Neighborhood Basketball Court Renovation	137,000	-	-	-	-	-	-	137,000
67290	Normandy Isle Park Turf Replacement & Other Improvements	255,000	143,000	-	-	-	-	-	398,000
67300	SRYC - Reception and Bowling Enhancement	66,000	-	-	-	-	-	-	66,000
67310	Stillwater Fitness Circuit	36,000	-	-	-	-	-	-	36,000
67320	Neighborhood Tennis Court Renovations	92,000	-	-	-	-	-	-	92,000
	Fund Total	15,230,608	2,401,658	75,885,860	28,004,000	39,075,000	19,088,000	68,521,000	248,206,126
303 Grant Funded-Capital Projects									
20330	Middle Beach Rec Corridor Phase II	533,520	-	-	-	-	-	-	533,520
20527	FDOT Utilities Relocation	500,000	-	-	-	-	-	-	500,000
21270	Venetian Neigh - Venetian Islands	400,000	-	-	-	-	-	-	400,000
21500	Seawall Repairs	225,478	-	-	-	-	-	-	225,478
21630	Muss Park	80,000	-	-	-	-	-	-	80,000
23200	Flamingo Park	472,587	-	-	-	-	-	-	472,587
23300	Flamingo Neighborhood - Bid Pack A	1,500,000	-	-	-	-	-	-	1,500,000
23380	Palm & Hibiscus Island Enhancement	480,210	-	-	-	-	-	-	480,210
24530	Sunset Islands 1 & 2 Guardhouse	-	-	-	-	-	-	-	-
24720	16th St. Operational Improvements/Enhancement	72,249	-	-	-	-	-	-	72,249
25410	Beachwalk II	149,958	-	-	-	-	-	-	149,958
25750	West Ave Bridge Over Collins Canal	1,248,258	-	-	-	-	-	-	1,248,258
26270	Par 3 Golf Course/ Community Park	200,000	-	-	-	-	-	-	200,000
27170	Seawall-Biscayne Bay Street End Enhancement Phase II	472,280	-	-	-	-	-	-	472,280
27370	54in Diameter Redundant Sewer Force Main	400,000	-	-	-	-	-	-	400,000
28070	Middle Beach Rec Corridor Phase III	40,000	-	-	-	-	-	-	40,000
29500	Collins Canal Enhancement Project	4,607,885	-	-	-	-	-	-	4,607,885
29560	Indian Creek Park Seawall	160,000	-	-	-	-	-	-	160,000
	Fund Total	11,542,425	-	-	-	-	-	-	11,542,425
304 Capital Reserve									
20537	Relocation of Fire Hydrants	300,000	-	-	-	-	-	-	300,000
21270	Venetian Neigh - Venetian Islands	(320)	-	-	-	-	-	-	(320)
22750	Altos Del Mar Park Development	-	395,492	-	-	-	-	-	395,492
23140	Property Management Facility	600,000	-	-	-	-	-	-	600,000
23180	Bayshore Neighborhood - Bid Pack D	639,000	-	-	-	-	-	-	639,000
23260	Bayshore Neighborhood - Bid Pack B	2,331,499	-	-	-	-	-	-	2,331,499
23300	Flamingo Neighborhood - Bid Pack A	2,185,327	-	-	-	-	-	-	2,185,327
23360	West Avenue/Bay Road Improvements	30,000	-	-	-	-	-	-	30,000
23380	Palm & Hibiscus Island Enhancement	3,288,290	-	-	-	-	-	-	3,288,290
25750	West Ave Bridge Over Collins Canal	1,784,213	-	-	-	-	-	-	1,784,213
25940	Seawall Repair - Fleet Management	688,549	-	-	-	-	-	-	688,549
27610	Seawall-Muss Park Rehabilitation	21,423	-	-	-	-	-	-	21,423
28940	Bayshore Neighborhood Central Bayshore - South	618,790	-	-	-	-	-	-	618,790
29600	Muss Park Facility	245,000	-	-	-	-	-	-	245,000
64170	Biscayne Pointe Island Entryway	200,000	-	-	-	-	-	-	200,000
	Fund Total	12,931,771	395,492	-	-	-	-	-	13,327,263
305 Resort Tax - South Beach									
20001	Alton Road Fountain at 20th Street	-	279,000	-	-	-	-	-	279,000
20011	World War Memorial	-	-	-	-	62,000	-	-	62,000
20177	Ocean Drive Extended Sidewalk Projects - Western Sidewalks	405,000	(170,000)	-	-	-	-	-	235,000



CITY OF MIAMI BEACH
 FY 2018-2022 CAPITAL IMPROVEMENT PLAN - FUNDING SUMMARY
 ATTACHMENT A

PROJECT NUMBER	PROJECT NAME	PREVIOUS YEARS	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total	
520 Property Management Fund										
21818	Property Management Facility New 500kw Generator and Transfer Switch	-	250,000	-	-	-	-	-	250,000	
21918	Property Management Facility Carpentry Shop Dust Control System	-	45,000	-	-	-	-	-	45,000	
	Fund Total	-	295,000	-	-	-	-	-	295,000	
550 Communications Fund										
22018	Fiber Communications Installation Along Alton Road	-	102,000	59,000	131,000	-	-	-	292,000	
22318	Public Safety Radio & Viper System	-	2,100,000	-	-	-	-	-	2,100,000	
68450	Building Development Process Enterprise System	1,600,000	-	-	-	-	-	-	1,600,000	
	Fund Total	1,600,000	2,202,000	59,000	131,000	-	-	-	3,992,000	
552 Info./ Communication Tech.										
27350	Sanitation Interior Replacement	-	-	-	-	-	-	-	-	
61690	Building Process System	441,800	(58,468)	-	-	-	-	-	383,332	
61770	Updated Automation of Cleanliness	34,440	-	-	-	-	-	-	34,440	
61790	MBPD Off-Duty Employment Software	60,000	-	-	-	-	-	-	60,000	
61830	Automation for Field Staff Operations	26,000	-	-	-	-	-	-	26,000	
62680	Enterprise SharePoint Implementation	90,000	-	-	-	-	-	-	90,000	
62690	Active Strategy Upgrade	35,000	-	-	-	-	-	-	35,000	
68400	Records Imaging Phase 2	25,557	-	-	-	-	-	-	25,557	
68450	Building Development Process Enterprise System	-	58,468	-	-	-	-	-	58,468	
	Fund Total	712,797	-	-	-	-	-	-	712,797	
		-	1,402,377,620	59,812,155	213,699,671	48,331,000	134,414,000	131,111,019	215,162,000	2,204,907,465



**CITY OF MIAMI BEACH
FY 2018 - 2022 CAPITAL IMPROVEMENT PLAN BY PROGRAM
ATTACHMENT B**

PROJECT	PROGRAM	Previous Years	FY2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
TOTAL:		25,341,662	4,649,057	-	-	-	-	-	29,990,719
GENERAL PUBLIC BUILDINGS									
BUILDING									
26990	Second Floor Renovation-Building Dept.	629,898	-	-	-	-	-	-	629,898
		629,898	-	-	-	-	-	-	629,898
CAPITAL IMPROVEMENT PROGRAM									
21660	Parks Maintenance Facility	932,039	-	-	1,989,000	-	-	-	2,921,039
20427	Lottie Apartments - 40010	829,046	-	-	-	-	-	-	829,046
20160	Fire Station 1 Refurbishment	500,000	-	-	-	-	-	-	500,000
23130	Public Works Facility	1,090,094	-	-	-	-	-	-	1,090,094
23140	Property Management Facility	6,352,317	-	-	-	-	-	-	6,352,317
20101	NSOP Beach Maintenance Facility	-	-	-	-	-	-	2,754,000	2,754,000
20219	Fire Station #1	-	-	10,000,000	11,005,000	-	-	-	21,005,000
24550	Bass Museum Interior Space Expansion	7,500,000	-	-	-	-	-	-	7,500,000
28810	London House Apartments	2,221,608	-	-	-	-	-	-	2,221,608
		19,425,104	-	10,000,000	12,994,000	-	-	2,754,000	45,173,104
FINANCE ADMINISTRATION									
65630	Customer Service Center Renovation	50,000	-	-	-	-	-	-	50,000
		50,000	-	-	-	-	-	-	50,000
PARKS ADMINISTRATION									
28600	North Shore Park Restroom Addition	410,000	591,000	-	-	-	-	-	1,001,000
20627	Tent for the North Shore Bandshell	225,000	443,000	-	-	-	-	-	668,000
		635,000	1,034,000	-	-	-	-	-	1,669,000
PROPERTY MANAGEMENT									
20819	555 17th Street Building Replacement	-	-	8,931,000	-	-	-	-	8,931,000
28510	City Hall Space Plan Implementation	895,000	-	-	-	-	-	-	895,000
		895,000	-	8,931,000	-	-	-	-	9,826,000
PUBLIC WORKS ADMINISTRATION									
24530	Sunset Islands 1 & 2 Guardhouse	200,000	-	-	-	-	-	-	200,000
		200,000	-	-	-	-	-	-	200,000
PUBLIC WORKS ENGINEERING									
24730	Green Waste Facility	1,326,761	-	-	-	-	-	-	1,326,761
		1,326,761	-	-	-	-	-	-	1,326,761
TOURISM CULTURAL DEVELOPMENT									
22218	North Beach Yard	-	553,467	-	-	-	-	-	553,467
20497	Bass Museum Park Café Furniture/Fixtures	100,000	-	-	-	-	-	-	100,000
		100,000	553,467	-	-	-	-	-	653,467
TOTAL:		23,261,763	1,587,467	18,931,000	12,994,000	-	-	2,754,000	59,528,230
GOLF COURSES									
PARKS AND RECREATION									
20217	Miami Beach Golf Course Golf Cart Staging Area	65,000	-	-	-	-	-	-	65,000
26270	Par 3 Golf Course/ Community Park	5,660,190	-	-	-	-	-	-	5,660,190
		5,725,190	-	-	-	-	-	-	5,725,190
TOTAL:		5,725,190	-	-	-	-	-	-	5,725,190
LIGHTING									
CAPITAL IMPROVEMENT PROGRAM									
20050	Bridge Light (77 St / Hawthorne Ave)	30,000	-	-	-	-	-	-	30,000
27510	Normandy Isles-Marseille Lighting Phase II	139,000	-	-	-	-	-	-	139,000
		169,000	-	-	-	-	-	-	169,000
ENVIRONMENT SUSTAINABILITY									
27070	Beachwalk Lighting Retrofit	665,625	-	-	-	-	-	-	665,625
		665,625	-	-	-	-	-	-	665,625
PUBLIC WORKS ENGINEERING									
21218	5th Street Flyover Lighting	-	148,779	-	-	-	-	-	148,779
27650	Aluminum Street Lighting Pole Replacement	1,168,060	-	-	-	-	-	-	1,168,060
27800	Street Lighting Improvements	1,634,000	652,200	12,833,000	12,833,000	12,500,000	12,500,000	-	52,952,200



**CITY OF MIAMI BEACH
FY 2018 - 2022 CAPITAL IMPROVEMENT PLAN BY PROGRAM
ATTACHMENT B**

PROJECT	PROGRAM	Previous Years	FY2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
23200	Flamingo Park	16,253,716	1,847,000	2,768,000	-	-	-	-	20,868,716
25380	Band Shell Master Plan Improvements	2,927,732	-	-	-	-	-	-	2,927,732
27930	Shared Path on Parkview Island Park	320,000	-	-	-	-	-	-	320,000
27950	North Shore Open Space Park Redevelopment	850,000	4,310,000	5,000,000	-	-	-	-	10,160,000
28550	Lifeguard Stands Replacement	2,802,277	619,989	-	-	-	-	-	3,422,266
28850	Maurice Gibb Park Redesign	782,200	2,523,482	955,860	-	-	-	-	4,261,542
29430	South Pointe Park Remediation	9,191,881	100,000	-	-	-	-	-	9,291,881
29600	Muss Park Facility	2,695,000	-	-	-	-	-	-	2,695,000
		40,248,495	10,567,963	8,723,860	-	-	-	-	59,540,318
PARKS AND RECREATION									
20190	Normandy Shores Park Fitness Circuit	311,500	-	-	-	-	-	-	311,500
20137	Muss Park Playground and Other Improvements	345,000	-	-	-	-	-	-	345,000
20187	Lummus Park Muscle Beach Upgrade	200,000	-	-	-	-	-	-	200,000
20237	Fairway Park (Artificial Turf Soccer Field, Drainage &	1,181,000	91,000	-	-	-	-	-	1,272,000
20247	Citywide Park Irrigation System Upgrade	170,000	-	-	-	-	-	-	170,000
20257	North Shore Tennis Center Proshop/Office Area	512,000	115,000	-	-	-	-	-	627,000
20267	North Shore Tennis Sound Mitigation	35,000	-	-	-	-	-	-	35,000
20577	Belle Isle Park Playground	230,000	-	-	-	-	-	-	230,000
21418	South Pointe Park Splash Pad	-	50,000	-	-	-	-	-	50,000
23018	South Pointe Park Lighting	-	585,000	-	-	-	-	-	585,000
24790	Park View Island	250,000	-	-	-	-	-	-	250,000
26500	Kayak Launch Docks	813,080	(100,000)	-	-	-	-	-	713,080
27540	South Pointe Park - Improvements	184,000	-	-	-	-	-	-	184,000
27980	Lummus Park Playground Replacement	128,000	-	-	-	-	-	-	128,000
27990	Maurice Gibb Park Floating Dock	550,000	-	-	-	-	-	-	550,000
28410	Scott Rakow Youth Center Playground	175,742	-	-	-	-	-	-	175,742
28560	Collins Park Lighting and Sound System	236,000	-	-	-	-	-	-	236,000
29550	City of Miami Beach Skatepark	150,280	-	-	-	-	-	-	150,280
29620	Allison Park Redesign	1,332,000	-	-	-	-	-	-	1,332,000
65620	North Beach Open Space Park Security Imp	225,000	-	-	-	-	-	-	225,000
67300	SRYC - Reception and Bowling Enhancement	66,000	-	-	-	-	-	-	66,000
67310	Stillwater Fitness Circuit	36,000	-	-	-	-	-	-	36,000
67380	Beachview Park Improvements	250,000	-	-	-	-	-	-	250,000
		7,380,602	741,000	-	-	-	-	-	8,121,602
PUBLIC WORKS GREENSPACE MANAGEMENT									
27050	Restorative Tree Well-PH 6-5 St Alton/Ocean	202,987	-	-	-	-	-	-	202,987
		202,987	-	-	-	-	-	-	202,987
TOURISM CULTURAL DEVELOPMENT									
20418	Collins Park Performing Arts Venue	-	800,000	-	-	-	-	-	800,000
20387	Soundscape Park Concession and Restrooms	800,000	-	-	-	-	-	-	800,000
		800,000	800,000	-	-	-	-	-	1,600,000
	TOTAL:	48,632,084	12,108,963	8,723,860	-	-	-	-	69,464,907
RENEWAL & REPLACEMENT									
CAPITAL IMPROVEMENT PROGRAM									
27750	Miami City Ballet Emergency Light Replacement -	52,863	-	-	-	-	-	-	52,863
27760	Miami City Ballet Exterior Cnrcrte Rest -R&R	50,875	-	-	-	-	-	-	50,875
61360	Senior Center HVAC	389,000	-	-	-	-	-	-	389,000
		492,738	-	-	-	-	-	-	492,738
ENVIRONMENT SUSTAINABILITY									
60011	Irrigation System MacArthur Causeway	-	-	-	-	-	28,000	-	28,000
		-	-	-	-	-	28,000	-	28,000
HOUSING COMMUNITY SERVICES									
60657	Neptune Apartments Repairs	60,028	333,860	330,000	330,000	330,000	-	-	1,383,888
62618	Madeleine Village	-	549,105	300,000	300,000	150,000	-	-	1,299,105
		60,028	882,965	630,000	630,000	480,000	-	-	2,682,993
PARKS ADMINISTRATION									



**CITY OF MIAMI BEACH
FY 2018 - 2022 CAPITAL IMPROVEMENT PLAN BY PROGRAM
ATTACHMENT B**

PROJECT	PROGRAM	Previous Years	FY2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
20597	West Avenue Phase II	56,108,748	-	-	-	-	-	-	56,108,748
20622	Lincoln Road Bay Towers Baywalk	-	-	-	-	-	-	1,778,000	1,778,000
20922	Normandy Isles Drainage Improvement	-	-	-	-	-	14,260,000	23,260,000	37,520,000
21118	Stillwater Entrance Sign	-	-	-	-	-	-	9,000,000	9,000,000
21270	Venetian Neigh - Venetian Islands	46,772,927	-	-	-	-	-	-	46,772,927
22050	Bayshore Neighborhood - Bid Pack A	25,085,154	-	-	-	-	-	-	25,085,154
23180	Bayshore Neighborhood - Bid Pack D	15,151,308	(132,000)	-	-	-	-	-	15,019,308
23260	Bayshore Neighborhood - Bid Pack B	17,448,433	-	-	-	-	-	-	17,448,433
23330	S Pointe Improvements - Phase III-V	17,560,365	-	-	-	-	-	-	17,560,365
23340	So Pointe Stscape-Phase IV	1,374,667	-	-	-	-	-	-	1,374,667
23380	Palm & Hibiscus Island Enhancement	46,619,076	-	-	-	-	-	-	46,619,076
25650	City Wide Curb Ramp Installation/Maintenance	112,560	-	-	-	-	-	-	112,560
26700	ROW Improvement Project	1,844,084	-	-	-	-	-	-	1,844,084
27420	Sunset Harbor Neighborhood Improvements	761,000	-	-	-	-	-	-	761,000
27870	72nd Street Protected Bike Lane	239,000	-	350,000	-	-	-	-	589,000
27910	Meridian Ave (North) 28th St & Dade Path	278,000	-	-	-	-	-	-	278,000
27920	Alton Rd between Chase Ave & North Michigan	418,000	(418,000)	-	418,000	-	-	-	418,000
27940	Euclid Avenue between 17th Street and 5th Street	470,000	-	-	-	-	-	-	470,000
28580	Española Way Conversion between Washington	2,145,190	400,276	-	-	-	-	-	2,545,466
28940	Bayshore Neighborhood Central Bayshore -South	21,777,204	-	-	-	-	-	-	21,777,204
29130	South Pointe Miscellaneous Improvements	893,425	-	-	-	-	-	-	893,425
29320	17th Street North Improvements Penn Av to Wash	2,000,000	-	-	-	-	-	-	2,000,000
29300	Lincoln Road Washington Ave to Lenox Ave	20,000,000	6,865,154	7,035,000	-	-	-	-	33,900,154
29310	Convention Center Lincoln Rd Connectors	10,000,000	-	-	-	-	-	-	10,000,000
29530	Collins Park Ancillary Improvements	4,000,000	-	-	-	-	-	-	4,000,000
29730	Normandy Isle Neighborhood ROW Phase II	1,271,722	(628,603)	-	-	-	-	-	643,119
64170	Biscayne Pointe Island Entryway	400,000	-	-	-	-	-	-	400,000
69790	Sunset Island 3&4 Utility Undergrounding	1,532,002	-	-	-	-	-	-	1,532,002
		308,361,900	6,086,827	7,935,000	968,000	8,800,000	14,260,000	34,038,000	380,449,727
PUBLIC WORKS ADMINISTRATION									
28050	Everglades Court Alleyway Paving	300,000	-	-	-	-	-	-	300,000
29810	Alleyway Restoration - Phase III	412,500	-	120,000	120,000	120,000	120,000	-	892,500
29860	Flamingo 10q-6 Street ROW improvements	8,001,399	-	-	-	-	-	-	8,001,399
29880	Lincoln Road Mall ADA Pedestrian pathway	87,500	-	-	-	-	-	-	87,500
		8,801,399	-	120,000	120,000	120,000	120,000	-	9,281,399
PUBLIC WORKS ENGINEERING									
20000	Pavement & Sidewalk Program	2,195,000	-	-	-	-	-	-	2,195,000
20078	Street Pavement Restoration	-	-	1,000,000	1,000,000	1,000,000	1,000,000	-	4,000,000
20141	7300 Dickens Ave Landscape-Irrigation System	-	-	-	-	37,000	-	-	37,000
20150	Indian Creek Greenway	100,000	-	-	-	-	-	-	100,000
20177	Ocean Drive Extended Sidewalk Projects - Western	405,000	(170,000)	-	-	-	-	-	235,000
20250	La Gorce Island - Lighting, Trees, Misc.	66,376	-	-	-	-	-	-	66,376
20280	Drainage Improvement - Washington & South Pointe	520,000	-	-	-	-	-	-	520,000
20607	11th Street Flamingo Neighborhood	6,503,313	-	-	-	-	-	-	6,503,313
20422	Flamingo Neighborhood Above Ground	-	-	-	-	-	65,000,000	85,000,000	150,000,000
20587	1st Street Alton Road to Washington Avenue South	1,800,000	-	6,032,000	6,032,000	-	-	-	13,864,000
20522	Nautilus Neighborhood Above Ground	-	-	-	-	-	17,454,000	22,500,000	39,954,000
23220	North Shore Neighborhood Improvements	6,889,267	-	-	-	45,000,000	20,000,000	-	71,889,267
23240	La Gorce Neighborhood Improvements	3,953,690	-	72,202,653	-	-	-	-	76,156,343
23270	City Center-Commercial District BP9B	25,314,243	760,603	-	-	56,000,000	-	-	82,074,846
23300	Flamingo Neighborhood - Bid Pack A	8,978,640	-	-	-	-	-	-	8,978,640
23360	West Avenue/Bay Road Improvements	26,184,596	-	-	-	-	-	-	26,184,596
28630	Bonita Drive Street End Improvements	135,000	-	-	-	-	-	-	135,000
60237	Collins/Harding Alleyway Reconstruction	100,000	-	-	-	-	-	-	100,000
		83,145,125	590,603	79,234,653	7,032,000	102,037,000	103,454,000	107,500,000	482,993,381
PUBLIC WORKS GREENSPACE MANAGEMENT									



**CITY OF MIAMI BEACH
FY 2018 - 2022 CAPITAL IMPROVEMENT PLAN BY PROGRAM
ATTACHMENT B**

PROJECT	PROGRAM	Previous Years	FY2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
29760	Restorative Tree Well-PH 3-Washington Ave	683,911	-	-	-	-	-	-	683,911
		683,911	-	-	-	-	-	-	683,911
TOURISM CULTURAL DEVELOPMENT									
28610	Rue Vendome Public Plaza	1,100,000	654,000	-	-	-	-	-	1,754,000
28640	North Beach Streetscape Pilot Project	330,000	-	-	-	-	-	-	330,000
		1,430,000	654,000	-	-	-	-	-	2,084,000
TRANSPORTATION									
20327	Two Way Conversion of 42nd Street - Sheridan	510,000	-	-	-	-	-	-	510,000
20038	77th Street Neighborhood Greenway	-	-	690,000	-	-	-	-	690,000
20048	85th Street Neighborhood Greenway	-	-	990,000	-	-	-	-	990,000
20058	Central Bayshore - Chase Avenue/ 43rd Street	-	-	830,000	-	-	-	-	830,000
20068	North Shore - Tatum Waterway Greenway	-	-	830,000	-	-	-	-	830,000
		510,000	-	3,340,000	-	-	-	-	3,850,000
	TOTAL:	402,932,335	7,331,430	90,629,653	8,120,000	110,957,000	117,834,000	141,538,000	879,342,418
TRANSIT / TRANSPORTATION									
ENVIRONMENT SUSTAINABILITY									
25410	Beachwalk II	4,383,389	-	-	-	-	-	-	4,383,389
		4,383,389	-	-	-	-	-	-	4,383,389
PUBLIC WORKS ENGINEERING									
24720	16th Street Improvement/Enhancement	9,332,343	-	-	-	-	-	-	9,332,343
		9,332,343	-	-	-	-	-	-	9,332,343
TOURISM CULTURAL DEVELOPMENT									
64190	Entrance Signs to North Beach	300,000	-	2,064,658	-	-	-	-	2,364,658
		300,000	-	2,064,658	-	-	-	-	2,364,658
TRANSPORTATION									
20018	41st Street Adaptive Traffic Control Project	-	-	-	-	-	-	840,000	840,000
20118	Bayshore Neigh. Traffic Calming Phase 1A	-	378,075	-	-	-	-	-	378,075
20119	Nautilus Traffic Calming Phase II	-	-	661,000	-	-	-	-	661,000
20122	Bayshore Neigh. Traffic Calming Phase 1B	-	-	-	-	-	-	141,000	141,000
20200	Light Rail / Modern Street Car	46,000,000	-	-	-	-	-	-	46,000,000
20218	Nautilus Neighborhood Traffic Calming Phase I	-	355,500	-	-	-	-	-	355,500
20221	16th Street Protected Bike Lanes	-	-	-	-	827,000	-	-	827,000
20222	Alton Rd Signalization Improvement	-	-	-	-	-	-	1,400,000	1,400,000
20318	Internally Illuminated (LED) Crosswalk	-	180,000	-	-	-	-	-	180,000
20322	MacArthur Causeway Traffic Signal Control	-	-	-	-	-	-	1,000,000	1,000,000
20419	81st Street Neighborhood Greenway	-	-	500,000	-	-	-	-	500,000
20617	New Bus Shelter Designs	504,251	-	-	-	-	-	-	504,251
20618	Meridian Avenue Bicycle Lanes	-	250,000	-	-	-	-	-	250,000
20620	La Gorce / Pine Tree Dr Bike Lanes	-	-	-	300,000	1,500,000	-	-	1,800,000
20718	Signalization Alton Rd and 4th St	-	580,000	-	-	-	-	-	580,000
20818	Royal Palm Neighborhood Greenway	-	430,000	-	-	-	-	-	430,000
22518	Enhanced Crosswalks	-	480,000	-	-	-	-	-	480,000
27860	51st Street Bike lane between Alton Road and Pine	50,000	-	-	-	-	-	-	50,000
27880	73rd Street Protected Bike Lanes	239,000	-	161,000	-	-	-	161,000	561,000
28080	Intelligent Transportation & Smart Parking System	6,580,260	5,555,000	1,469,000	818,000	-	-	3,500,000	17,922,260
27900	Prairie Ave from 28th St to 44th Paint	294,000	-	-	-	-	-	-	294,000
60177	South Beach Pedestrian Priority Zones	300,000	-	1,500,000	650,000	-	-	-	2,450,000
60207	Painting Venetian Bike Lanes	486,558	-	-	-	-	-	-	486,558
60217	Ocean Dr. LGBT Decorative Intersection	100,000	-	-	-	-	-	-	100,000
60247	42nd Street Green Bicycle Lanes Painting / Striping	150,000	-	-	-	-	-	-	150,000
60257	Bay Drive Neighborhood Greenway	100,000	-	1,125,000	-	-	-	-	1,225,000
60327	10th / 11th Street Neighborhood Greenway	-	-	-	-	1,494,000	-	-	1,494,000
		54,804,069	8,208,575	5,416,000	1,768,000	3,821,000	-	7,042,000	81,059,644
	TOTAL:	68,819,801	8,208,575	7,480,658	1,768,000	3,821,000	-	7,042,000	97,140,034
UTILITIES									
PUBLIC WORKS ADMINISTRATION									



**CITY OF MIAMI BEACH
FY 2018 - 2022 CAPITAL IMPROVEMENT PLAN BY PROGRAM
ATTACHMENT B**

PROJECT	PROGRAM	Previous Years	FY2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	Future	Total
20519	Water and Sewer Lines on Venetian Bridge	-	-	4,500,000	-	-	-	-	4,500,000
20619	Waste Water Pump Stations Rehabilitations	-	-	4,500,000	-	-	-	-	4,500,000
20719	Scada and PLC Systems	-	-	1,512,500	-	-	-	-	1,512,500
21020	Alton Road Water Main Improvements	-	-	-	9,000,000	-	-	-	9,000,000
22018	Fiber Communications Installation	-	102,000	59,000	131,000	-	-	-	292,000
22418	Mt. Sinai Stormwater Pump Station	-	-	10,500,000	-	-	-	-	10,500,000
29480	Misc. Wastewater and Water Upgrades	1,143,650	-	-	-	-	-	-	1,143,650
60319	Water Meter Replacement Program	-	-	250,000	250,000	250,000	309,019	-	1,059,019
60419	County DERM & EPA Decree	-	-	400,000	400,000	-	-	500,000	1,300,000
61180	Citywide Water and Sewer Main Assessment	-	-	800,000	800,000	-	-	-	1,600,000
		1,143,650	102,000	22,521,500	10,581,000	250,000	309,019	500,000	35,407,169
PUBLIC WORKS ENGINEERING									
20527	FDOT Utilities Relocation	1,177,529	-	-	-	-	-	-	1,177,529
23000	Sunset Harbor Pump Station Upgrades	28,477,272	-	-	-	-	-	-	28,477,272
27300	Drainage Hot Spots	2,909,373	-	-	-	-	-	-	2,909,373
27370	54in Diameter Redundant Sewer Force Main	18,044,487	-	-	-	-	-	-	18,044,487
27590	63rd Street 16" Water Main	1,840,711	-	-	-	-	-	-	1,840,711
27680	Infiltration & Inflow Program - Phase 3	4,588,866	-	-	-	-	-	-	4,588,866
21220	Indian Creek Street Drainage Improvements	5,500,000	-	-	-	-	-	-	5,500,000
		62,538,238	-	-	-	-	-	-	62,538,238
	TOTAL:	63,681,888	102,000	22,521,500	10,581,000	250,000	309,019	500,000	97,945,407
	Grand Total:	1,402,377,620	59,812,155	213,699,671	48,331,000	134,414,000	131,111,019	215,162,000	2,204,907,465