



# City of Marathon, Florida

**Fiscal Years  
2015-2019**



**FIVE YEAR  
CAPITAL IMPROVEMENTS PROGRAM**

**City of Marathon  
Five Year Capital Improvements Program  
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Fiscal Year 2015-2019**

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# CITY OF MARATHON, FLORIDA

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September 21, 2014

To the Honorable Mayor,  
Members of the Governing Council,  
and Citizens of the City of Marathon:

It is our pleasure to submit to you the 2015-2019 Five Year Capital Improvements Program of the City of Marathon, Florida. This plan is based on staff's knowledge of current needs and City Council's discussion and direction. The five year total is \$35,333,380 all funds, with the first year at \$26,716,518.

The Capital Improvements Program (CIP) generally includes items with an expected life of more than five years and an expected cost of more than \$10,000. This capital improvement program places public health and safety as a priority consideration while maintaining a focus on preserving existing capital assets. Preserving quality facilities for recreation, aesthetics and quality of life also remain a priority.

The CIP is a planning instrument that identifies and coordinates the financing and timing of public improvements. The first year of this five-year program is based off of the annual budget that was adopted in September of 2014.

A summary of capital projects is on the page following this letter. Details about each project and sources of funding follow that list, organized by fund.

## **DEVELOPMENT OF THE CAPITAL IMPROVEMENT PROGRAM**

The development of the estimated costs for the 2015 CIP and beyond varies based on the project. Some projects are considered "levels of effort", where the dollar amount is generally stable from year to year, but the projects may vary. For example, the "guard rail replacement" is typically budgeted at \$10,000 per year, and the Street Maintenance Department will spend the allocated funds to replace various guard rails on an as needed basis. Other projects have costs based on engineer's estimates, while others such as the Fire & EMS equipment, have prices based on the current state contract. Some prices are based on what other cities have acquired recently or estimates provided by a manufacturer. For construction projects, the allocation is typically an estimate only. Better estimates may be developed following engineering design.

## SOURCES OF FUNDING

The following funds provide revenue to the CIP, either from their own revenue generation, grants, retained earnings or debt.

- Capital Infrastructure Fund
- General Fund
- Street Maintenance Fund
- Marina Fund
- Utility Fund (Wastewater and Stormwater)
- Restoration Fund
- Vehicle Replacement Fund

To assist in ensuring fiscal sustainability, this report includes preliminary revenue and expenditure estimates for the next five years.

Grants provide a difficult aspect of the five-year CIP. At this point in the budget planning process, the status of some grants are known while others are not, and some grant programs have not been created yet. Included are the capital projects funded by grants if the grant funding source is either confirmed or considered to be likely. For those items where the project is depended upon grant receipt, it is so noted, and if the grant is not received, the project will not be undertaken.

Other than the City Hall project, which has already been bonded, this Capital Improvements Program does not include any recommendations for external financing, such as bank loans or bonds. Projects are expected to be funded with funds available (also called "pay as you go") without the issuance of debt.

## CONCLUSION

The implementation of the CIP is contingent upon the availability of funding sources and the adoption of the annual budget each September. The Capital Improvements Program is neither adopted nor amended by City Council. As a plan, it is designed to be a set of recommendations for the future. Adoption of the annual budget will include the City's Capital Improvements Program for that fiscal year. If not included within the adopted budget funding is not provided for an item in this CIP.

Immediately following this letter of transmittal is a summary of planned capital projects, sorted by fund, for five years. The detailed information following the summary provides the best overview of the projects planned for the future.

Respectfully submitted,



Mike Puto  
City Manager



Jennifer Johnson  
Finance Director

**City of Marathon  
Five Year Capital Improvements Program  
Five-Year Summary - All Funds  
Fiscal Year 2015-2019**

	FY 2015	Un-Appropriated Subsequent Years				5 Year Total
		FY 2016	FY 2017	FY 2018	FY 2019	
<b><u>Capital Infrastructure Fund</u></b>						
Administrative Departments	5,751,485	406,110	52,000	-	15,000	6,224,595
Fire Department	360,300	478,700	619,700	339,700	219,700	2,018,100
Community Services	938,000	1,140,833	729,083	638,583	667,833	4,114,332
<b>Total Capital Infrastructure Fund</b>	<b>7,049,785</b>	<b>2,025,643</b>	<b>1,400,783</b>	<b>978,283</b>	<b>902,533</b>	<b>12,357,027</b>
<b><u>Street Maintenance</u></b>	1,251,000	242,000	130,000	330,000	1,076,000	3,029,000
<b><u>Marina</u></b>	128,460	132,120	111,000	132,000	30,000	533,580
<b><u>Utility Fund</u></b>	18,287,273	350,000	579,500	122,000	75,000	19,413,773
<b>TOTAL OF ALL CAPITAL PROJECTS</b>	<b>26,716,518</b>	<b>2,749,763</b>	<b>2,221,283</b>	<b>1,562,283</b>	<b>2,083,533</b>	<b>35,333,380</b>

CITY OF MARATHON

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# CAPITAL INFRASTRUCTURE





## CAPITAL IMPROVEMENTS PROGRAM

### CAPITAL INFRASTRUCTURE FUND

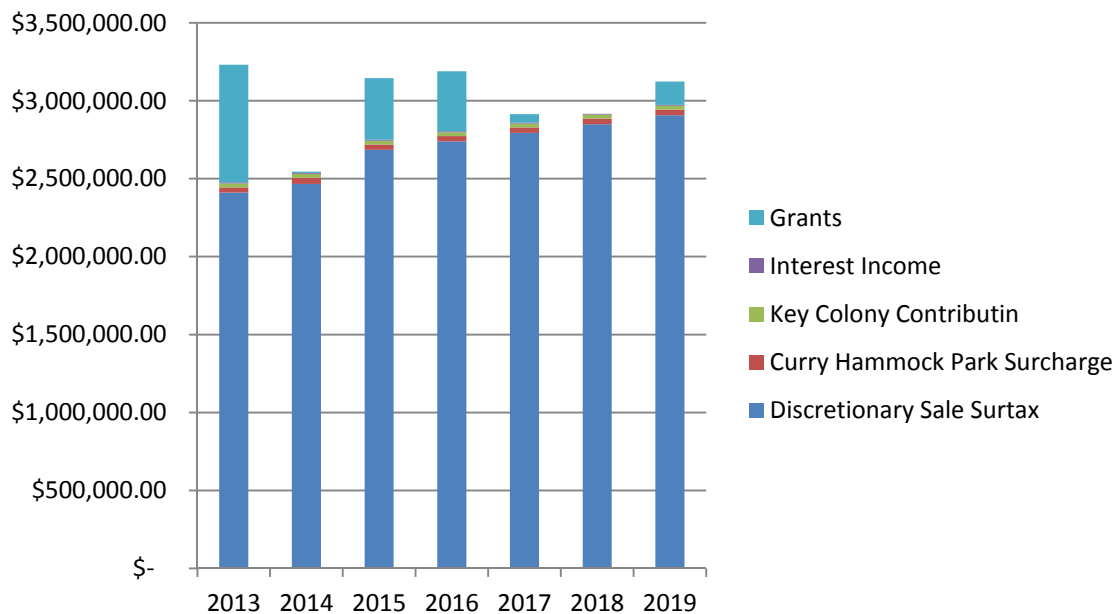
#### Revenue Sources

The Capital Infrastructure Fund is one of the largest sources of capital financing for the City of Marathon.

The main revenue stream for the Capital Infrastructure Fund is discretionary sale surtaxes, and it is estimated to bring in approximately \$2.7M in Fiscal Year 2015. Florida Statute 212.055 defines the discretionary sales surtaxes; legislative intent; authorization and use of proceeds. The one percent sales surtax can be used to finance, plan and construct infrastructure; to acquire land for public recreation, conservation, or protection of natural resources. Infrastructure means any fixed capital expenditure or fixed capital outlay associated with the construction, reconstruction or improvement of public facilities that have a life expectancy of 5 or more years and any related land acquisition, land improvement, design and engineering costs. The discretionary sale surtaxes can also be used to purchase fire department vehicles, emergency medical service vehicles, or any other vehicles, and the equipment necessary to outfit the vehicles for its official use or equipment that has a life expectancy of at least 5 years.

The City also receives surcharge revenues from the State of Florida for the Curry Hammock Park that typically run around \$30,000 annually. The City of Key Colony Beach also reimburses the City \$25,000 annually to the fund to offset a portion of the Fire & EMS Departments annual capital needs. The City also earns a small amount of interest income annually.

Impact Fees are tracked in a separate fund, which are not budgeted for use until the funds are needed. Impact fees may only be used to provide increased capacity for the fire, police, and parks and recreation operations to accommodate any increased demand new development will have on existing operations.



## Major Expenditures

There are four areas typically funded by the Capital Infrastructure Fund.

### ***Administrative Departments***

Typically, administrative departments such as Finance, City Manager, Planning or City Clerk do not have significant capital needs. For the FY14/15 budget there is a Code vehicle replacement planned. The City has established a vehicle replacement fund that reserves funds annually out of the Capital Infrastructure Fund for the future replacement of vehicles and equipment. The City is also in the process of building a permanent City Hall facility.

### ***Fire & Emergency Medical Services Department***

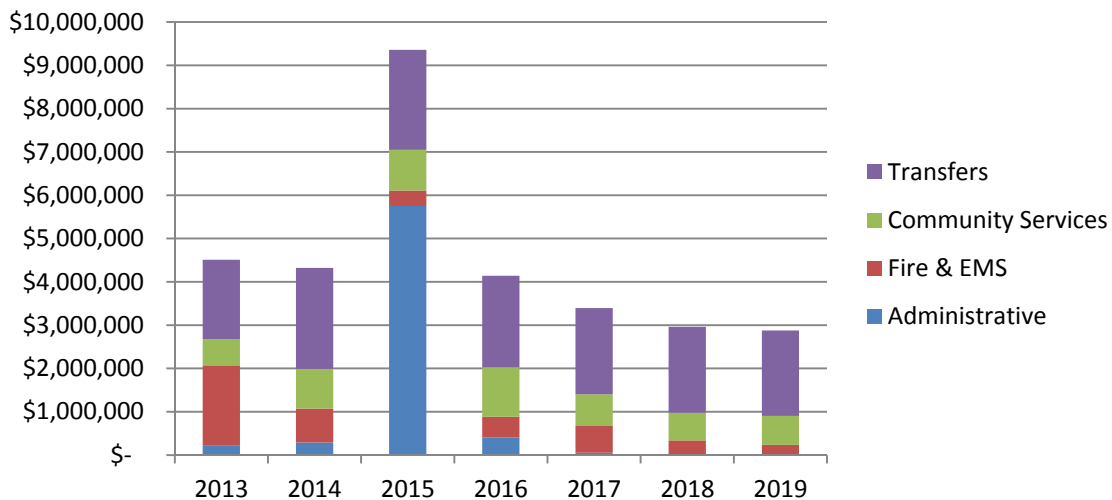
The Fire & EMS Department’s requests for equipment purchases and replacements change annually. The City’s vehicle replacement fund also includes funds for the future replacement of fire apparatus, emergency rescue vehicles and other Fire Department vehicles. In FY14/15 the Fire & EMS Department is purchasing a new inter-facility transport vehicle (sprinter). The Department has also budgeted to replace; a lifepak defibrillator, extrication equipment, radios, hoses, bunker gear, oxygen fill station, and commenced a five year plan to replace all of the self-contained breathing apparatus (SCBA). There are also funds appropriated for Station 14 repairs, and for continuing the fire hydrant program.

### ***Community Services Departments***

Community Services includes Facilities and Grounds of the City, as well as Parks and Recreation. The majority of the FY14/15 budget for Community Services projects includes; funds for the feasibility study at Coco Plum beach, as well as the Ocean Front Park Phase 4 and Phase 5 projects that are to be grant funded. There are appropriations included for some refurbishment projects at Community Park and Sombrero Beach.

### ***Annual Transfers***

The Capital Infrastructure Fund also transfers 10% of the discretionary sale surtax revenues out to the general fund. This is allowed by Statue due to Monroe County’s designation as an area of state critical concern. Annually funds are transferred to the vehicle replacement fund based on a schedule of estimated replacement costs and remaining useful lives. \$650,000 is also transferred annually to the Stormwater Fund to aid in the funding of the annual debt service requirements, however, finance anticipates that this contribution can be lowered to \$500,000 per year starting in fiscal year 2015-2016. The Capital Infrastructure fund also transfers out to the debt service fund annually the requirements needed to fund the 2013 Revenue Bond Issuance for the capital projects, and the refinancing of the 2004 Sun Trust Bond.





**CITY OF MARATHON  
CAPITAL INFRASTRUCTURE FUND  
FIVE YEAR CAPITAL IMPROVEMENT PLAN  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>FUND BALANCE AT OCTOBER 1</u></b>	\$ 6,058,943	\$ 632,794	\$ 202,831	\$ 253,779	\$ 409,325	\$ 7,557,673
<b><u>REVENUES</u></b>						
Infrastructure Sales Tax	\$ 2,685,377	\$ 2,739,085	\$ 2,793,866	\$ 2,849,744	\$ 2,906,738	\$ 13,974,810
Grants:						
Tourist Development Council (TDC) Ocean Front Park PH 4	150,000	-	-	-	-	150,000
Tourist Development Council (TDC) Ocean Front Park PH 5	45,900	-	-	-	-	45,900
Bureau of Beaches	100,000	-	-	-	-	100,000
Highway Beautification Grant	100,000	-	-	-	-	100,000
Florida Cultural Affairs **	-	100,000	-	-	-	100,000
Beach Re-nourishment Grant **	-	250,000	-	-	150,000	400,000
Tourist Development Council**	-	35,000	55,000	-	-	90,000
Key Colony Beach Fire & EMS Capital Contribution	25,000	25,000	25,000	25,000	25,000	125,000
Private Source Contribution	-	100,000	-	-	-	100,000
Curry Hammock Park Surcharge	33,600	34,272	34,957	35,657	36,370	174,856
Transfers In						
Wastewater & Street Maintenance Fund (104th St)	500,000	-	-	-	-	500,000
Vehicle Replacement	130,000	265,500	452,000	120,000	-	967,500
Impact Fees - Parks & Hydrants	157,000	80,000	80,000	80,000	80,000	477,000
Restoration Fund - canal project	-	75,000	-	-	-	75,000
Interest	5,186	5,500	5,500	5,500	5,500	27,186
<b><u>Total Revenues</u></b>	<b>\$ 3,932,063</b>	<b>\$ 3,709,357</b>	<b>\$ 3,446,324</b>	<b>\$ 3,115,900</b>	<b>\$ 3,203,608</b>	<b>\$ 17,407,252</b>
<b>TOTAL REVENUES AND OCT 1 FUND BALANCE</b>	<b>\$ 9,991,006</b>	<b>\$ 4,342,151</b>	<b>\$ 3,649,155</b>	<b>\$ 3,369,680</b>	<b>\$ 3,612,933</b>	<b>\$ 24,964,924</b>

**CITY OF MARATHON  
CAPITAL INFRASTRUCTURE FUND  
FIVE YEAR CAPITAL IMPROVEMENT PLAN  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>EXPENDITURES FOR CAPITAL PROJECTS</u></b>						
<b><u>601: Vehicles</u></b>						
Sprinter Transport Ambulance (New to Fleet)	110,000	-	-	-	-	110,000
Code Department Vehicle	20,000	22,500	-	-	-	42,500
Parks - Van	-	28,000	-	-	-	28,000
Rescue Truck Re-mount	-	185,000	-	-	-	185,000
Replacement of U-14 (New AC vehicle)	-	30,000	-	-	-	30,000
Public Works Truck	-	-	22,000	-	-	22,000
General Services Vehicle Replacement (2)	-	-	30,000	-	-	30,000
Fire Pumper E-14 Replacement	-	-	400,000	-	-	400,000
Sprinter Ambulance Replacement (Medic Unit 214)	-	-	-	120,000	-	120,000
<b><u>604: Equipment</u></b>						
<b><u>Parks</u></b>						
Speakers for Special Events	12,000	-	-	-	-	12,000
Screen Projector	-	12,000	-	-	-	12,000
<b><u>Fire &amp; EMS</u></b>						
Self Contained Breathing Apparatus	25,000	42,000	42,000	42,000	42,000	193,000
Portable Radios	14,000	14,000	14,000	14,000	14,000	70,000
Lifepak/Heart Monitor Replacement	28,000	28,000	-	-	-	56,000
Hoses (1.75 inch, 2.5 inch, 3 inch, 5inch)	10,000	10,000	10,000	10,000	10,000	50,000
Bunker Gear	18,700	18,700	18,700	18,700	18,700	93,500
Extrication Equipment (Jaws of Life)	16,000	16,000	-	-	-	32,000
Small Fire & EMS Equipment under \$10K threshold	11,600	15,000	15,000	15,000	15,000	71,600
<b><u>City Hall</u></b>						
VOIP Phone system for all locations	-	66,000	-	-	-	66,000
Dell Equalogic P56210V x 2 (\$58,805 per unit, 6 year life)	-	117,610	-	-	-	117,610
Host Server Replacement	-	-	-	-	15,000	15,000
<b><u>612: Buildings and Improvements</u></b>						
City Hall	4,418,514	-	-	-	-	4,418,514
City Hall remaining open contracts	57,668	-	-	-	-	57,668
City Hall 15% Contingency	656,477	-	-	-	-	656,477
City Hall Construction Management (5%-15% of construction costs \$218,826-\$656,477)	218,826	-	-	-	-	218,826
City Hall - Trailer Dismantling & Removal	30,000	-	-	-	-	30,000
City Hall Furnishing & Fixtures	350,000	-	-	-	-	350,000
City Hall Museum Alcove/ Cultural Center**	-	200,000	-	-	-	200,000
Fire Station No. 15 Repairs	-	10,000	10,000	10,000	10,000	40,000

**CITY OF MARATHON  
CAPITAL INFRASTRUCTURE FUND  
FIVE YEAR CAPITAL IMPROVEMENT PLAN  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
Fire Station No. 14 Repairs	27,000	10,000	10,000	10,000	10,000	67,000
Fire Hydrant Installations	100,000	100,000	100,000	100,000	100,000	500,000
33rd Street Community Center	-	50,000	281,250	93,750	-	425,000
Old Town Master Plan	-	50,000	-	-	-	50,000
Landscaping - Old Town	50,000	-	-	-	-	50,000
Landscape Beautification	200,000	50,000	50,000	50,000	50,000	400,000
Canal Improvements (shallowing, culverts, aeration, etc.)	-	75,000	75,000	100,000	100,000	350,000
7 Mile Bridge Maintenance Contribution (30 year duration)	-	177,833	177,833	177,833	177,833	711,332
Quay Boat Ramp Improvements	-	-	-	-	40,000	40,000
<u>614: Parks/Beaches Improvements</u>						
Community Park Improvements - Tennis Court Resurface	18,000	-	-	-	-	18,000
Community Park Improvements - Baseball Field Fence & Protective Netting	42,000	-	-	-	-	42,000
Community Park Improvements - Amphitheatre Rehabilitation	-	15,000	-	-	-	15,000
Community Park Improvements - Sod Replacement	-	-	-	175,000	-	175,000
Community Park Improvements - Fencing Replacement	-	30,000	70,000	-	-	100,000
Community Park Improvements - Bleacher Shades @ Soccer Fields	-	15,000	-	-	-	15,000
Community Park Improvements - Playground Equipment Replacement**	-	70,000	-	-	-	70,000
Jesse Hobbs Park Playground Equipment Replacement**	-	-	35,000	-	-	35,000
Jesse Hobbs Park Fencing	-	30,000	-	-	-	30,000
Rotary Park Playground Equipment Refurbishment**	-	-	40,000	-	-	40,000
Ocean Front Park Improvements - Ph 4	291,000	-	-	-	-	291,000
Ocean Front Park Improvements - Ph 5	105,000	-	-	-	-	105,000
Coco Plum Beach Improvements - Feasibility Study**	200,000	-	-	-	-	200,000
Coco Plum Beach Sand **	-	500,000	-	-	-	500,000
Sombrero Beach Improvements - Fence	10,000	20,000	-	-	-	30,000
Sombrero Beach Improvements - Side Walk	10,000	-	-	-	-	10,000
Sombrero Beach Improvements - Swim Buoy Replacement	-	18,000	-	22,000	-	40,000
Sombrero Beach Improvements - Picnic Tables	-	-	-	20,000	-	20,000
Sombrero Beach Sand **	-	-	-	-	300,000	300,000
<b><u>Total Expenditures for Capital Projects</u></b>	<b>7,049,785</b>	<b>2,025,643</b>	<b>1,400,783</b>	<b>978,283</b>	<b>902,533</b>	<b>12,357,027</b>

**CITY OF MARATHON  
CAPITAL INFRASTRUCTURE FUND  
FIVE YEAR CAPITAL IMPROVEMENT PLAN  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>TRANSFERS TO OTHER FUNDS</u></b>						
<u>912: Transfer to Debt Service Fund</u>	1,008,131	983,560	954,373	920,653	887,002	4,753,719
<u>913: Transfer to Vehicle Replacement Fund</u>	381,758	356,208	260,833	276,444	296,442	1,571,685
<u>917: Transfer to Stormwater Utility Fund</u>	650,000	500,000	500,000	500,000	500,000	2,650,000
<u>918: Transfer to General Fund</u>	268,538	273,908	279,387	284,974	290,674	1,397,481
<b><u>Total Transfers</u></b>	<b>2,308,427</b>	<b>2,113,676</b>	<b>1,994,593</b>	<b>1,982,072</b>	<b>1,974,118</b>	<b>10,372,885</b>
<b><u>Total Expenditures and Transfers</u></b>	<b>\$ 9,358,212</b>	<b>\$ 4,139,319</b>	<b>\$ 3,395,376</b>	<b>\$ 2,960,355</b>	<b>\$ 2,876,651</b>	<b>\$ 22,729,912</b>
<b><u>Fund Balance At September 30</u></b>	<b>\$ 632,794</b>	<b>\$ 202,831</b>	<b>\$ 253,779</b>	<b>\$ 409,325</b>	<b>\$ 736,283</b>	<b>\$ 2,235,013</b>
<b>TOTAL EXP, DEBT SERVICE AND SEP 30 FUND BALANCE</b>	<b>\$ 9,991,006</b>	<b>\$ 4,342,151</b>	<b>\$ 3,649,155</b>	<b>\$ 3,369,680</b>	<b>\$ 3,612,933</b>	<b>\$ 24,964,924</b>

\*\* = Grant revenue is anticipated to aide in the funding of this project; if the grant funding is not received, the project will be postponed until an alternative source of funding is identified

**Other Potential Projects Identified by Staff (funding sources for these projects have not been identified)**

Fire Station No. 16	3,000,000
Swimming Pool (plus annual operating costs)	3,000,000
Community Park Rec Center/Gymnasium	2,000,000
Quay Property Acquisition	2,100,000
Quay Property Improvements	300,000
Boot Key Acquisition	500,000
Book Key Improvements (Kayak Dock, etc.)	250,000
Board Walk/ Observation Platform/Kayak Docks/ Docks	
Tropical Blvd	100,000
Coco Plum Beach	250,000
105th St. Canal Side Parcels Acquisition (add to 104th St Property)	1,000,000
Rescue Boat (with firefighting ability)	245,000
Kayak Docks at Sunset Park	90,000
Community Park Improvements - Ph 3 69 Parking Spaces	200,000
Jesse Hobbs Park - Pavilion/Tiki	40,000
Community Park Improvements - Concession Stand Window Modification	30,000

CITY OF MARATHON

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# STREET MAINTENANCE



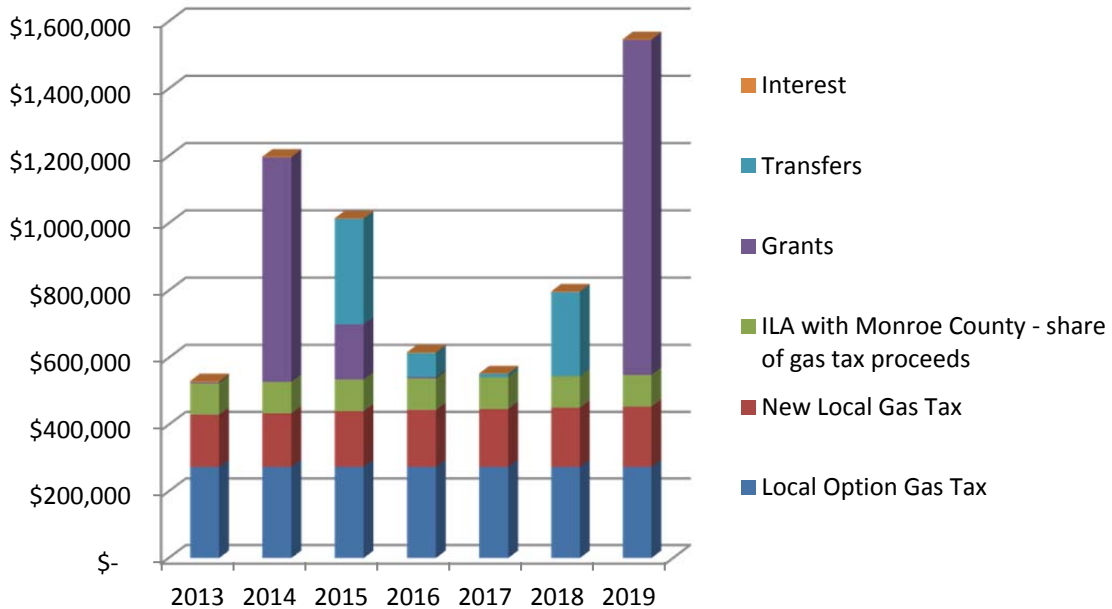


# CAPITAL IMPROVEMENTS PROGRAM

## STREET MAINTENANCE FUND

### Revenue Sources

The Street Maintenance Fund is responsible for maintaining and improving all City streets, pathways, intersections, street markings, sidewalks, traffic signs and signalization. The primary funding sources for capital projects are gas taxes. Other minor revenue sources include funding from an interlocal agreement with Monroe County, and grant and maintenance agreements with the Florida Department of Transportation (FDOT). Gas tax monies must be spent on “transportation expenditures” meaning any expenditure by the local government for the following programs: Public transportation operations and maintenance, road and right-of-way maintenance and equipment and structures used primarily for the storage and maintenance of such equipment, roadway and right-of-way drainage, street lighting installation, operation, maintenance and repair. Traffic signs, traffic engineering, signalization, and pavement markings, installation, operation, bridge maintenance and operation, debt service and current expenditures for transportation capital projects in the foregoing program areas, including construction or reconstruction of roads and sidewalks.



## Major Expenditures

There are four areas of Capital Outlay typically funded by the Street Maintenance Fund. However, the FY14/15 Street Maintenance budget includes appropriations for a portion of the utility & street maintenance facility land acquisition and building costs.

### ***Pavement Resurfacing***

The City has recently repaved a significant portion of its roadways with the installation of the centralized sewer, and stormwater infrastructure, however, in FY16/17 the Street Maintenance fund will begin setting aside \$50,000 per year of funding to reserve for the future resurfacing of all City roadways. Depending upon usage (axel loading), climate conditions, and thickness of the pavement cross section, a road should have a total life expectancy of 15 to 20 years before resurfacing and or reconstruction. The Department maintains approximately 59 miles of paved roads throughout the City.

### ***Pedestrian & Bicycle Pathways***

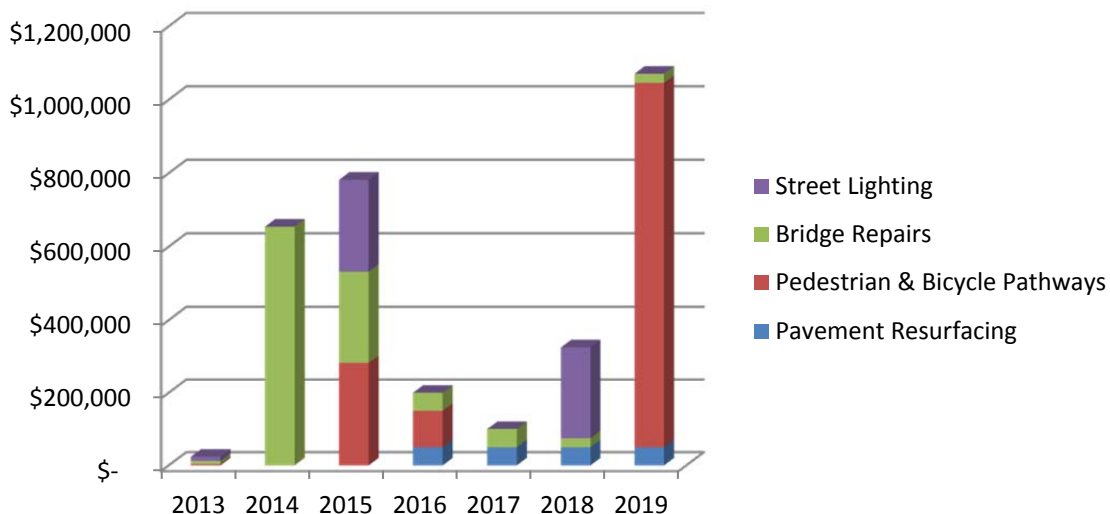
The Street Maintenance Fund has budgeted for two Coco Plum pedestrian projects, one is the extension of the pedestrian trail from Avenue I to Avenue K and the other is the construction of a pedestrian bridge for the Coco Plum Recreational Trail and modification to the trail approaching the bridge. The trail expansion is being funded by a matching grant with the Department of Environmental Protection (DEP) and the pedestrian bridge project is being funded by a Local Agency Program Agreement (LAP) with the Florida Department of Transportation (FDOT). The FY14/15 budget also includes funds for some intermediate repairs to the Aviation Bike Path. The City is anticipating a LAP agreement with FDOT to offset a significant portion of the Aviation Bike Path Redevelopment Project.

### ***Bridge Repairs***

The Street Maintenance fund maintains the City's bridges along with the roadways. The City has been fortunate that the Florida Department of Transportation has granted funds to the City that has paid for the repairs to the 117<sup>th</sup> St. bridge. The FY14/15 Street Maintenance budget includes \$250,000 for the Coco Plum and 25<sup>th</sup> St. bridge repair projects that will be funded from gas tax proceeds.

### ***Street Lighting***

The Street Maintenance fund budgeted a street lighting project to increase the decorative appeal to new and replacement lighting fixtures throughout the City. The total street lighting project is expected to cost approximately \$1,600,000, and has staggered phases, with the first phase of \$250,000 is expected to commence during FY14/15, and the second phase of \$250,000 would take place in FY17/18. The use of impact fees is anticipated to fund the first two phases of the project.



**CITY OF MARATHON  
STREET MAINTENANCE FUND  
FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>FUND BALANCE AT OCTOBER 1</u></b>	\$ 1,369,081	\$ 628,749	\$ 460,764	\$ 314,018	\$ 193,743	\$ 2,966,355
<b><u>REVENUES</u></b>						
Local Option Gas Tax	\$ 273,733	\$ 273,733	\$ 273,733	\$ 273,733	\$ 273,733	\$ 1,368,665
New Local Option Gas Tax	167,063	170,404	173,812	177,289	180,834	869,403
8th Cent Motor Fuel Tax	85,000	86,700	88,434	90,203	92,007	442,343
Gas Tax ILA with Monroe County	94,987	94,987	94,987	94,987	94,987	474,935
Traffic Signal Maintenance Agreement	15,935	16,254	16,579	16,910	17,249	82,926
Traffic Light Maintenance Agreement	30,000	30,600	31,212	31,836	32,473	156,121
Interest	1,850	1,887	1,925	1,963	2,002	9,627
Grants						
FDOT LAP Agreement Aviation Bike Path**	-	4,000	-	-	996,000	1,000,000
FDOT LAP Coco Plum Pedestrian Bridge	100,000	-	-	-	-	100,000
FDEP Grant Coco Plum Trail Expansion	64,000	-	-	-	-	64,000
Transfers In						
Vehicle Replacement Fund	64,000	72,000	10,000	-	-	146,000
Impact Fees - Lighting Project	250,000	-	-	250,000	-	500,000
<b><u>Total Revenues</u></b>	<b>\$ 1,146,568</b>	<b>\$ 750,565</b>	<b>\$ 690,682</b>	<b>\$ 936,921</b>	<b>\$ 1,689,285</b>	<b>\$ 5,214,021</b>
<b>TOTAL REVENUES AND OCT 1 FUND BALANCE</b>	<b>\$ 2,515,649</b>	<b>\$ 1,379,314</b>	<b>\$ 1,151,446</b>	<b>\$ 1,250,939</b>	<b>\$ 1,883,028</b>	<b>\$ 8,180,376</b>
Less: Operating Expenses	630,900	649,827	669,322	689,401	710,084	3,349,534
<b>FUNDS AVAILABLE FOR CAPITAL PROJECTS</b>	<b>\$ 1,884,749</b>	<b>\$ 729,487</b>	<b>\$ 482,124</b>	<b>\$ 561,538</b>	<b>\$ 1,172,944</b>	<b>\$ 4,830,842</b>



**CITY OF MARATHON  
STREET MAINTENANCE FUND  
FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>EXPENDITURES FOR CAPITAL PROJECTS</u></b>						
<b><u>601: Vehicles</u></b>						
Dump Truck Replacement	64,000	-	-	-	-	64,000
Ford F150 (was due for replacement in 2015)	-	22,000	-	-	-	22,000
<b><u>604: Equipment</u></b>						
Bucket Truck	-	50,000	-	-	-	50,000
Scagg Walk Behind Mower	-	-	10,000	-	-	10,000
<b><u>612: Buildings</u></b>						
Utility / Maintenance Facility (including land acquisition)	375,000	-	-	-	-	375,000
<b><u>614: Improvements</u></b>						
Guard Rail Replacement	10,000	10,000	10,000	-	-	30,000
Coco Plum Trail	80,000	-	-	-	-	80,000
Coco Plum Pedestrian Bridge	112,000	-	-	-	-	112,000
Aviation Bike Path reconstruction	-	100,000	-	-	996,000	1,096,000
Aviation Bike Path Improvement	90,000	-	-	-	-	90,000
Street Lighting Project	250,000	-	-	250,000	-	500,000
Bridge Repairs	250,000	50,000	50,000	25,000	25,000	400,000
Road Repaving Reserve	-	-	50,000	50,000	50,000	150,000
ADA Compliance	20,000	10,000	10,000	5,000	5,000	50,000
<b><u>Total Expenditures for Capital Projects</u></b>	<b>1,251,000</b>	<b>242,000</b>	<b>130,000</b>	<b>330,000</b>	<b>1,076,000</b>	<b>3,029,000</b>
<b><u>TRANSFERS TO OTHER FUNDS</u></b>						
<b><u>913: Transfer to Vehicle Replacement Fund</u></b>	<b>5,000</b>	<b>26,723</b>	<b>38,106</b>	<b>37,795</b>	<b>36,859</b>	<b>144,483</b>
<b><u>Total Transfers</u></b>	<b>5,000</b>	<b>26,723</b>	<b>38,106</b>	<b>37,795</b>	<b>36,859</b>	<b>144,483</b>
<b><u>Total Capital Outlay Expenditures and Transfers</u></b>	<b>\$ 1,256,000</b>	<b>\$ 268,723</b>	<b>\$ 168,106</b>	<b>\$ 367,795</b>	<b>\$ 1,112,859</b>	<b>\$ 3,173,483</b>
<b><u>Fund Balance at September 30</u></b>	<b>\$ 628,749</b>	<b>\$ 460,764</b>	<b>\$ 314,018</b>	<b>\$ 193,743</b>	<b>\$ 60,085</b>	<b>\$ 1,657,359</b>

CITY OF MARATHON

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# MARINA



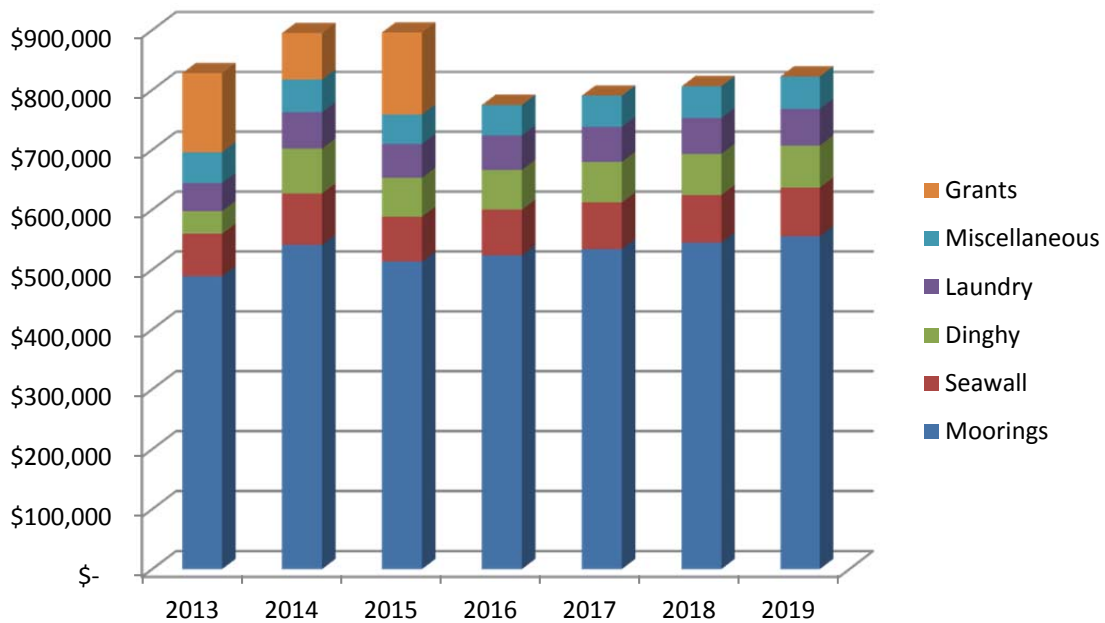


## CAPITAL IMPROVEMENTS PROGRAM

### MARINA FUND

#### Revenue Sources

The Marina Fund generates its revenues from user charges. The individuals utilizing the services are the ones whom pay to support the continuance of those services. The Marina Fund charges fees for: mooring, seawall, dinghy dockage, laundry and miscellaneous items such as; parking, pump-outs and storage. The Marina fund has also secured grant revenues to help with the pump out program for the proper disposal of waste materials, and therefore improving water quality. In Fiscal year 2015 the Marina also secured a grant from the Monroe County Boater Improvement Fund to aid in the installation costs of a Kayak launch.



## Major Expenditures

The majority of the Marina revenue is use for operating purposes, however there are certain capital infrastructure items that will need to be renovated and repaired in order to maintain our current level of service, and improvements to better the services we provide to our customers at the City Marina.

### ***Seawall***

The Marina anticipates replacing 19 seawall pilings in FY15/16 and resurfacing the seawall sidewalk in FY16/17.

### ***Marina Service Building & Bathhouse***

The Marina service building was renovated in 2009, the Marina anticipates \$10,000 of annual capital outlay replacements and repairs will be necessary each year to keep the building in first-rate working order.

### ***Moorings***

The Marina has been in the process of replacing the mooring soft pickup lines and, and will continue this replacement program into fiscal years 2016 and 2017. This program has been fortunate to have been partially funded by grants from the Monroe County Boater Improvement Fund and the FWC.

### ***Boats, Vehicles & Equipment***

In FY15/16 the Marina anticipates purchasing an ice machine to be used to sell ice to customers. Currently the Marina is in a lease agreement with a vendor whom provides the ice machine. In FY16/17 the Marina expects to have to rebuild their generator. The Marina Fund replaced a pump out boat in FY12/13 and expects that their other pump out boat will need to be replaced in FY17/18. The Marina does not expect to have to replace their truck in the next five fiscal years.



**CITY OF MARATHON  
MARINA FUND  
FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>FUND BALANCE AT OCTOBER 1</u></b>	\$ 962,135	\$ 1,038,577	\$ 970,318	\$ 918,866	\$ 841,816	\$ 4,731,712
<b><u>REVENUES</u></b>						
Seawall	\$ 75,000	\$ 76,500	\$ 78,030	\$ 79,591	\$ 81,182	\$ 390,303
Dinghy	65,000	66,300	67,626	68,979	70,358	338,263
Moorings	513,250	523,515	533,985	544,665	555,558	2,670,974
Laundry	56,500	57,630	58,783	59,958	61,157	294,028
Storage Units	20,000	20,400	20,808	21,224	21,649	104,081
Pump Outs	7,500	7,650	7,803	7,959	8,118	39,030
Parking	5,000	5,100	5,202	5,306	5,412	26,020
Miscellaneous	16,750	17,085	17,427	17,775	18,131	87,168
Interest	750	765	780	796	812	3,903
Grants						
Boater Improvement Fund- Kayak Launch	24,000	-	-	-	-	24,000
CVA Grant - Operations & Maintenance for Vessel Pump-out	68,000	-	-	-	-	68,000
FWC Grant - Mooring Field	45,000	-	-	-	-	45,000
<b><u>Total Revenues</u></b>	<b>\$ 896,750</b>	<b>\$ 774,945</b>	<b>\$ 790,444</b>	<b>\$ 806,253</b>	<b>\$ 822,378</b>	<b>\$ 4,090,770</b>
<b>TOTAL REVENUES AND OCT 1 FUND BALANCE</b>	<b>\$ 1,858,885</b>	<b>\$ 1,813,522</b>	<b>\$ 1,760,762</b>	<b>\$ 1,725,119</b>	<b>\$ 1,664,193</b>	<b>\$ 8,822,482</b>
Less : Marina Operating Expenses	641,186	660,422	680,234	700,641	721,660	3,404,144
<b>FUNDS AVAILABLE FOR CAPITAL PROJECTS</b>	<b>\$ 1,217,699</b>	<b>\$ 1,153,100</b>	<b>\$ 1,080,528</b>	<b>\$ 1,024,478</b>	<b>\$ 942,533</b>	<b>\$ 5,418,338</b>

**CITY OF MARATHON  
MARINA FUND  
FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM  
SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>EXPENDITURES FOR CAPITAL PROJECTS</u></b>						
<b><u>601: Vehicles</u></b>						
Pump Out Boat (replacement)	-	-	-	122,000	-	122,000
<b><u>604: Equipment</u></b>						
Ice Machine	-	20,000	-	-	-	20,000
Marina Generator Rebuild	-	-	48,000	-	-	48,000
Server Replacement	-	-	11,000	-	-	11,000
<b><u>612: Buildings</u></b>						
Marina Service Building	10,000	10,000	10,000	10,000	10,000	50,000
<b><u>614: Improvements</u></b>						
Kayak Launch	38,340	-	-	-	-	38,340
Marina Seawall Pilings (19)	-	22,000	-	-	-	22,000
Marina Seawall Sidewalk Resurfacing	-	-	42,000	-	-	42,000
Mooring Field Boundary Markers Replacement	-	-	-	-	20,000	20,000
Mooring Field, Mooring Replacements	80,120	80,120	-	-	-	160,240
Mooring Service Docks	-	-	-	-	-	-
<b><u>Total Expenditures for Capital Projects</u></b>	<u>128,460</u>	<u>132,120</u>	<u>111,000</u>	<u>132,000</u>	<u>30,000</u>	<u>533,580</u>
<b><u>TRANSFERS TO OTHER FUNDS</u></b>						
<u>913: Transfer to Vehicle Replacement Fund</u>	662	662	662	662	662	3,310
<u>918: Transfer to General Fund</u>	50,000	50,000	50,000	50,000	50,000	250,000
<b><u>Total Transfers</u></b>	<u>50,662</u>	<u>50,662</u>	<u>50,662</u>	<u>50,662</u>	<u>50,662</u>	<u>253,310</u>
<b><u>Total Capital Outlay Expenditures and Transfers</u></b>	<u>\$ 179,122</u>	<u>\$ 182,782</u>	<u>\$ 161,662</u>	<u>\$ 182,662</u>	<u>\$ 80,662</u>	<u>\$ 786,890</u>
<b><u>Fund Balance at September 30</u></b>	<u>\$ 1,038,577</u>	<u>\$ 970,318</u>	<u>\$ 918,866</u>	<u>\$ 841,816</u>	<u>\$ 861,871</u>	<u>\$ 4,631,448</u>

CITY OF MARATHON

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# UTILITY FUND



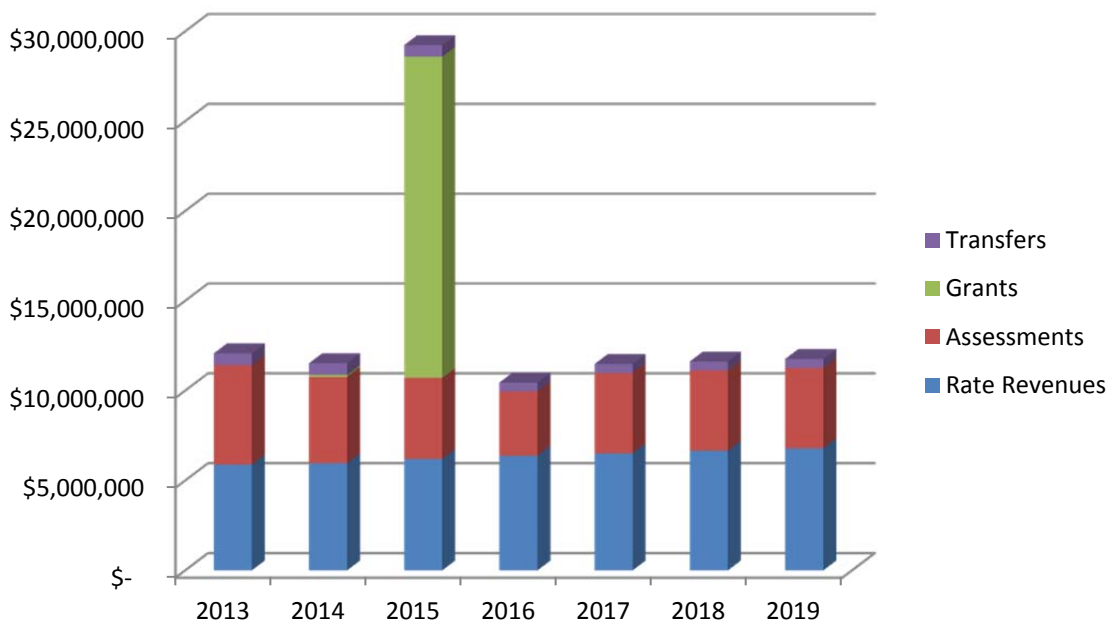


## CAPITAL IMPROVEMENTS PROGRAM

### UTILITY FUND (STORMWATER & WASTEWATER)

#### Revenue Sources

Projects in the stormwater and wastewater utilities are primarily funded by the rates paid by sewer customers. Retained earnings (fund balance), impact fees, grants and special assessments (i.e. system development charges) are other sources of revenue for stormwater and wastewater projects. Debt proceeds are another source of funding that the Utility Fund has utilized in the past to construct the systems. The City has recently been awarded two grants from the Florida Department of Environmental Protection (FDEP) for wastewater capital projects. One of the grants was for \$1M and these funds must be spent by the end of December 2015. The \$17M grant will have a three year term in which the funds must be expended for reimbursement from the State.





## **Major Expenditures**

The majority of the Utility Fund revenue is used for operating and debt service purposes, however there are certain capital infrastructure items that will need to be repaired in order to maintain our current level of service, and improvements to better the services we provide to our customers. The FY14/15 budget includes a 5% of gross operating revenue transfer to a reserve fund to be used to pay for future significant repairs & replacements to the wastewater system. Since the City's stormwater and wastewater infrastructure was recently installed there hasn't been a need for significant replacements or repairs.

### ***Stormwater Drainage Improvements***

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The Stormwater will be working on some drainage projects in Service Area 4, Sombrero Boulevard, and in Service Area 6, Avenue I. The fund will also be replacing the drainage grates at the 33<sup>rd</sup> St. boat ramp.

### ***Collection System Improvements***

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The Wastewater fund plans to expand the installation of force mains and pump stations to provide an additional collection system capacity for wastewater services for new customers. The Wastewater Fund also anticipates expanding and modifying the existing vacuum system to provide improved efficiency and system performance.

### ***Plant Improvements***

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The Wastewater fund is anticipating making expansions to current wastewater facilities to allow for additional capacity. Also, new odor control systems will be installed at each treatment facility.

### ***Building & Land Acquisition Costs***

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The Wastewater fund and the Street Maintenance fund are joining to construct a utility/maintenance facility to house wastewater and street maintenance equipment, supplies and materials and to provide a laboratory, and office space for wastewater staff.

### ***Reuse Water***

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The Wastewater fund is planning on adding an additional reuse storage tank and extending the reuse system to use more of the available effluent which will offset the demand on the potable water system.

### ***Equipment & Vehicles***

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The Wastewater fund will be purchasing several trucks in FY14/15. The Department plans on purchasing a F750 or equivalent, 2 F350s and 1 F250. These trucks with heavy duty towing capacities are necessary to transport dewatering and other equipment as well as haul dewatered sludge cake to the landfill for final disposal.

The Wastewater fund will also be purchasing centrifuge processing equipment. Centrifuge dewatering equipment is needed to reduce the volume of sludge to be transported to the landfill. The amount of water in the sludge will be reduced by 22%, and therefore decreasing the hauling costs. Additionally, cake reduction equipment will be purchased to reduce solids onsite reducing transportation and operations costs.

Dump Trailers (2) for the dewatering system will be purchased. These trailers will be used to haul the dewatered sludge for disposal. Trailer(s) must be able to transport 30-50 yards without leaking cake sludge or other solids being transported.

The Department plans on purchasing a SCADA monitoring system with computerized mapping interface to allow efficient problem identification including communications, and will enable a more rapid response to system problems. The project will provide the collection system equipment and computer hardware as well as software for wastewater facilities, other related operating system controls and remote monitoring computer devices. This project will also include wastewater system asset management software to interface with the City data.

**CITY OF MARATHON  
 UTILITIY FUND (STORMWATER WASTEWATER)  
 FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM  
 SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>FUND BALANCE AT OCTOBER 1</u></b>	\$ 11,360,567	\$ 2,720,939	\$ 2,285,852	\$ 1,698,728	\$ 1,575,624	\$ 19,641,709
<b><u>REVENUES</u></b>						
Rate Revenues	\$ 6,193,029	\$ 6,374,200	\$ 6,509,400	\$ 6,647,700	\$ 6,788,600	\$ 32,512,929
Non Ad Valorem Assessment Revenues	4,514,000	4,514,000	4,514,000	4,514,000	4,514,000	22,570,000
Grants						
\$1M FDEP Grant	879,981	-	-	-	-	879,981
\$17M Mayfield FDEP Grant	17,000,000	-	-	-	-	17,000,000
Transfers In from Other Funds	650,000	500,000	522,000	522,000	500,000	2,694,000
Interest	30,000	30,000	30,000	30,000	30,000	150,000
<b><u>Total Revenues</u></b>	<b>\$ 29,267,010</b>	<b>\$ 11,418,200</b>	<b>\$ 11,575,400</b>	<b>\$ 11,713,700</b>	<b>\$ 11,832,600</b>	<b>\$ 75,806,910</b>
<b>TOTAL REVENUES AND OCT 1 FUND BALANCE</b>	<b>\$ 40,627,577</b>	<b>\$ 14,139,139</b>	<b>\$ 13,861,252</b>	<b>\$ 13,412,428</b>	<b>\$ 13,408,224</b>	<b>\$ 95,448,619</b>
Less: Operating Expenses & Debt Service Obligations	10,595,623	10,733,105	10,859,405	10,989,405	11,123,505	54,301,043
<b>FUNDS AVAILABLE FOR CAPITAL PROJECTS</b>	<b>\$ 30,031,954</b>	<b>\$ 3,406,034</b>	<b>\$ 3,001,847</b>	<b>\$ 2,423,023</b>	<b>\$ 2,284,719</b>	<b>\$ 41,147,576</b>

**CITY OF MARATHON  
 UTILITIY FUND (STORMWATER WASTEWATER)  
 FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM  
 SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
<b><u>EXPENDITURES FOR CAPITAL PROJECTS</u></b>						
<b><u>601: Vehicles</u></b>						
F350 Truck Purchase (2)	\$ 87,962	\$ -	\$ -	\$ -	\$ -	\$ 87,962
F250 Truck Purchase	23,311	-	-	-	-	23,311
F150 Truck Replacement	-	-	22,000	22,000	-	44,000
F750 or equivalent	72,500	-	-	-	-	72,500
Centrifuge Box/ Alternative	800,000	-	-	-	-	800,000
Dump Trailers	320,000	-	-	-	-	320,000
Odor Control Systems	125,000	-	-	-	-	125,000
<b><u>604: Equipment</u></b>						
Computers & Software	38,800	-	-	-	-	38,800
Vacuum Pump Equipment	22,500	-	-	-	-	22,500
SCADA Equipment	75,000	-	-	-	-	75,000
Reuse/Irrigation Equipment	219,500	-	-	-	-	219,500
<b><u>612: Buildings &amp; Wastewater Treatment Plants</u></b>						
Utility / Maintenance Facility (including land acquisition)	1,575,500	-	-	-	-	1,575,500
<b><u>614: Infrastructure Improvements</u></b>						
Force Main Pump Station & Collection System Extension	8,299,100	-	-	-	-	8,299,100
Vacuum Collection System Equipment & Extension	2,077,500	-	-	-	-	2,077,500
SCADA Monitoring System	1,827,060	-	-	-	-	1,827,060
New Service Connections	350,000	-	-	-	-	350,000
Reuse System Extension	1,782,340	-	-	-	-	1,782,340
Project Soft Costs (project mgmt & admin expenses)	355,000	-	-	-	-	355,000
Gate Valves - Grassy Key	12,000	-	-	-	-	12,000
Drainage Projects	-	50,000	50,000	50,000	50,000	200,000
Drainage Improvements Area 4 Sombrero Boulevard	25,000	-	-	-	-	25,000
Drainage Improvements Area 6 - Avenue I	43,200	-	-	-	-	43,200
Drainage Gate Replacements 33rd St. Boat Ramp	56,000	-	-	-	-	56,000
Blower Variable Frequency Drives	-	55,000	-	-	-	55,000
Area 4 Influent Pipe Repair/Replacement	-	55,000	-	-	-	55,000
Area 5 Gate Security / Modification	-	-	7,500	-	-	7,500
PLC Add-on Module	-	15,000	-	-	-	15,000
Lighting protection system	-	-	-	50,000	-	50,000
Spare Wastewater PLC	-	100,000	-	-	-	100,000

**CITY OF MARATHON  
 UTILITIY FUND (STORMWATER WASTEWATER)  
 FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM  
 SOURCES & USES**

	<u>FY14-15</u>	<u>FY15-16</u>	<u>FY16-17</u>	<u>FY17-18</u>	<u>FY18-19</u>	<u>5 Year Total</u>
Spare Vacuum Pump	-	25,000	-	-	25,000	50,000
Area 5 Concrete deck repairs	100,000	-	-	-	-	100,000
Area 3 Building Alternate Safe Exit / Fire wall protection between lab and equipment room	-	50,000	250,000	-	-	300,000
Area 6 Building Structural repairs	-	-	250,000	-	-	250,000
<b><u>Total Expenditures for Capital Projects</u></b>	<b>18,287,273</b>	<b>350,000</b>	<b>579,500</b>	<b>122,000</b>	<b>75,000</b>	<b>19,413,773</b>
<b><u>TRANSFERS TO OTHER FUNDS</u></b>						
<u>913: Transfer to Vehicle Replacement Fund</u>	42,632	201,472	198,149	193,014	195,217	830,484
<u>918: Transfer to Repair &amp; Replacement Fund</u>	309,651	318,710	325,470	332,385	339,430	1,625,646
<u>918: Transfer to Debt Service Reserve</u>	8,421,459	-	-	-	-	8,421,459
<u>918: Transfer to General Fund</u>	250,000	250,000	200,000	200,000	200,000	1,100,000
<b><u>Total Transfers</u></b>	<b>9,023,742</b>	<b>770,182</b>	<b>723,619</b>	<b>725,399</b>	<b>734,647</b>	<b>11,977,589</b>
<b><u>Total Capital Outlay Expenditures and Transfers</u></b>	<b>\$ 27,311,015</b>	<b>\$ 1,120,182</b>	<b>\$ 1,303,119</b>	<b>\$ 847,399</b>	<b>\$ 809,647</b>	<b>\$ 31,391,362</b>
<b><u>Fund Balance at September 30</u></b>	<b>\$ 2,720,939</b>	<b>\$ 2,285,852</b>	<b>\$ 1,698,728</b>	<b>\$ 1,575,624</b>	<b>\$ 1,475,072</b>	<b>\$ 9,756,214</b>