



City of Naples, Florida
Capital Improvement Plan
FY 2018-2022





City of Naples Principal Officers



Bottom row pictured left to right: City Clerk Patricia L. Rambosk, Council Member Michelle McLeod, Mayor Bill Barnett, Council Member Ellen Seigel, and Council Member Sam J. Saad III.

Top row pictured left to right: City Attorney Robert Pritt, Council Member Reg Buxton, Council Member Doug Finlay, City Manager A. William Moss and Vice-Mayor Linda Penniman.

Department Directors

Assistant City Manager
Building Director/Building Official
Community Services Director
Finance Director
Fire Chief
Human Resources Director
Planning Director
Police Chief
Streets and Stormwater Director
Technology Services Director
Utilities Director

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City of Naples, Florida
Five-Year Capital Improvement Program
Fiscal Year 2018-2022

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City of Naples

OFFICE OF THE CITY MANAGER
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April 2, 2017

Honorable Mayor and City Council
735 Eighth Street South
Naples, FL 34102

Mayor Barnett and Members of the City Council:

In accordance with Chapter 2, Section 691 of the Code of Ordinances, presented is the 2018-2022 Five-Year Capital Improvement Program. The five-year total is \$119,006,970 for all funds, with the first year at \$42,178,400.

This Capital Improvement Program (CIP) presents the proposed plan for major public improvements scheduled over the next five fiscal years. This CIP generally includes items with an expected life of more than two years and an expected cost of more than \$10,000.

The document is scheduled for review during two workshops: April 17 and June 12. At those meetings, City Council will receive presentations from Department Directors regarding their projects and will have an opportunity to ask questions, add or delete projects and redirect priorities.

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 will be considered for inclusion in the annual budget to be adopted in September 2017.

This letter of transmittal will describe the purpose and methods used for the CIP. A complete list of projects is on the pages that follow this letter. Details about each project follow that list, organized by fund.

DEVELOPMENT OF THE CAPITAL IMPROVEMENT PROGRAM

The development of this CIP followed a method similar to prior years, with a continued focus on fiscal resources.

Each open project (that is, each project in the 2016-17 amended budget) was reviewed to determine if it would be under contract and encumbered at year-end or if it should be resubmitted for continuation into 2017-18. If it was to be continued, a Capital Project Form was completed by the department director, estimating the September 30, 2017 balance, and the amount needed in the future.

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For each new project requiring funding for the 2017-18 fiscal year, each department prepared a Capital Project Form estimating the funding needed, justifying the project, and identifying any ongoing operating costs.

Projects requiring funding beyond the 2017-18 fiscal year were also considered and included. Forms were not required for the years 2018 and beyond, but cost estimates were added to the consolidated spreadsheet.

The development of the estimated costs varies based on the project. Many 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 “Alley Maintenance & Improvements” is typically budgeted at \$75,000, and the Streets and Traffic department will spend the allocated funds based on priorities. Other projects have costs based on engineer’s estimates, while others, such as the Police radios, 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 cost is typically an estimate only. Better costs estimates are generally provided after the design phase is initiated.

The Capital Improvement Program includes a rating of projects based upon a 100-point scale for image, infrastructure, health/public safety, external funding, impact on operating budget, green initiative, and comprehensive plan compliance. The purpose of this rating is to demonstrate that projects meet the City’s goals and objectives, and to show compliance with the comprehensive plan.

SOURCES OF FUNDING

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

- | | |
|-------------------------------------|----------------------------------|
| • Public Service Tax Fund | • Water & Sewer Fund |
| • Stormwater Fund | • Community Redevelopment Agency |
| • Streets & Traffic Fund | • Beach Fund |
| • Building Permits Fund | • Tennis Fund |
| • Solid Waste Fund | • Baker Park Fund |
| • Community Development Block Grant | |

To assist in ensuring fiscal sustainability, this report includes preliminary revenue and expenditure estimates for the next five years for funds with capital projects planned. In enterprise funds/proprietary funds, the term “Working Capital” is used to represent available funds/retained earnings. Working Capital is the term used in the City’s adopted fund balance policy, and represents current assets minus current liabilities, as defined in the comprehensive annual financial report. For other funds, the term “Fund Balance” is used.

Included in this document are the capital projects funded by grants if the funding source is either confirmed or considered to be likely. For those items where the project is dependent upon grant receipt, it is so noted. If the grant is not received, the project will not be undertaken.

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BENEFITS OF THE CAPITAL IMPROVEMENT PROGRAM

Capital improvement programming links short- and long-range general plans with growth, public and private development, and the annual budgetary process. In this way, the CIP attempts to achieve the goals and objectives of the City's residents, citizen boards and commissions, and the City Council.

The CIP carries the following primary benefits:

- Focuses attention on Citywide priorities and citizen expectations
- Fosters inter-departmental coordination of City infrastructure investments
- Provides a concrete implementation framework for the Comprehensive Plan and Vision Plan
- Promotes accountability for the long-term planning and investment of public funds.

MAJOR PROJECTS

The primary focus areas of this five year CIP continue to follow the goals of the Comprehensive and Vision Plans.

The largest projects for the first year of this program include:

Baker Park	\$12,550,000
Sewer Assessment (Gulf Acres/Rosemary Hgts)	\$6,000,000
Fire Station #1	\$2,860,000 (plus \$2,755,000 in FY 18-19)

ABOUT THIS DOCUMENT

Immediately following this letter of transmittal is a complete list of planned projects, sorted by fund, for five years. That summary provides the best overview of the projects planned.

The remainder of this document is separated by fund or fund type. Behind each tab is a narrative if applicable and a spreadsheet listing the projects in that fund and noting the funding availability. Following that list is a detailed project sheet for each project proposed for the first year of the CIP.

After publication and presentation to City Council in June, the City of Naples Capital Improvement Program is the final document. It is neither adopted nor amended. As a plan, it is designed to be a set of recommendations for the future. Adoption of the FY 2017-18 budget will include the City's Capital Improvement Program for that fiscal year. If not included within the adopted budget, funding is not provided for an item in this CIP.

CONCLUSION

The implementation of the CIP is contingent upon the availability of funding sources and the adoption of the annual budget in September.

Letter of Transmittal
Fiscal Year 2018-22 Capital Improvement Program

At the April and June City Council Workshops, the Five-Year Capital Improvement Program will be reviewed. At that time, capital priorities can be further established to assist in the preparation of the FY 2017-18 budget. If supplemental information is required before that meeting, please contact me and the information will be compiled and properly distributed.

Thank you for your guidance in this important process.

Respectfully submitted,

A. William Moss
City Manager

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CITY OF NAPLES
FIVE YEAR CAPITAL IMPROVEMENT PROJECTS OVERVIEW
ALL FUNDS

	Amended Budget 2016-17	Request 2017-18	2018-19	2019-20	2020-21	2021-22
Public Service Tax/Capital Projects Fund						
Administrative Departments	28,000	55,200	0	20,000	0	0
Police Department	986,550	699,200	450,200	581,135	506,135	471,600
Fire and Rescue Department	1,303,707	3,235,000	3,200,000	1,035,000	1,158,000	961,500
Community Services Department	1,566,800	1,524,500	1,420,000	3,090,000	2,455,000	880,000
Public Service Tax Fund Subtotal	3,885,057	5,513,900	5,070,200	4,726,135	4,119,135	2,313,100
Water Sewer Fund	10,307,000	17,490,000	7,983,000	7,535,000	7,695,000	5,965,000
Building Permits Fund	1,236,356	265,000	760,000	30,000	30,000	0
Community Redevelop. Agency (CRA)	1,090,134	1,600,000	2,170,000	2,000,000	0	0
Streets & Traffic Fund	1,655,000	1,182,000	1,465,000	960,000	1,190,000	965,000
Solid Waste Fund	349,000	522,000	952,000	582,000	432,000	652,000
Stormwater Fund	2,389,300	2,452,000	2,530,000	10,150,000	950,000	2,450,000
Tennis Fund	50,000	69,500	100,000	100,000	0	0
Beach Fund	184,500	359,000	149,000	64,000	327,000	229,000
Baker Park Fund	5,596,160	12,550,000	0	0	0	0
Technology Services Fund	440,000	0	320,000	85,000	500,000	0
Equipment Services	0	0	80,000	50,000	100,000	50,000
East Naples Bay Dredging	0	0	0	0	1,000,000	0
Community Development Block Grant	166,930	175,000	0	0	0	0
TOTAL ALL CAPITAL PROJECTS	27,349,437	42,178,400	21,579,200	26,282,135	16,343,135	12,624,100

Five Year Total	\$ 119,006,970
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The above list shows, by funding source, the projected Five Year Capital Improvement Program. For reference, the current budget of FY 16-17 is provided.



**CAPITAL PROJECTS - ALL FUNDS
FISCAL YEARS 2018-2022**

		AMENDED BUDGET	REQUEST				
PROJECT DESCRIPTION		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
ADMINISTRATION DEPARTMENTS							
18A08	City View Software/Planning	0	55,200	0	0	0	0
	Accounting/Budget Software	0	0	0	20,000	0	0
	Code/Dock Master Vehicle Replacement	28,000	0	0	0	0	0
TOTAL ADMINISTRATION		28,000	55,200	0	20,000	0	0
POLICE SERVICES							
18H04	Portable Radio Lifecycle Replacement (20)	80,000	71,000	71,000	71,000	71,000	71,000
18H01	Marked Vehicle Replacement (2)	91,600	103,200	309,600	309,600	309,600	309,600
18H03	Unmarked Police Vehicle Replacement (1)	30,500	41,000	36,000	36,000	36,000	36,000
18H31	Crime Scene Vehicle Replacement (1)	0	80,000	0	0	0	0
18H32	Marine Vessel Replacement (1)	0	160,000	0	75,000	0	0
18H33	Motorcycle Replacement (2)	0	67,000	0	0	0	0
18H15	Property/Evidence Furniture/Flooring Replacement	0	15,000	0	0	0	0
18H34	3D Crime Scene Mapping Equipment/Software	0	87,000	0	0	0	0
18H35	Police Interactive Monitors (2)	0	20,000	0	0	0	0
18H36	Police Notebook Replacements (MDT's)	0	55,000	0	0	0	55,000
	City License Plate Recognition Solution	450,000	0	0	0	0	0
	Taser Replacement	0	0	33,600	40,535	40,535	0
	Marine Outboard Motor Replacement	45,000	0	0	49,000	49,000	0
	Armored Rescue Vehicle Replacement (1)	214,950	0	0	0	0	0
	Property/Inventory Van Replacement (1)	25,000	0	0	0	0	0
	Property/Evidence Locker/Storage Replacement	30,000	0	0	0	0	0
	Hard Body Armor (40 units)	19,500	0	0	0	0	0
TOTAL POLICE DEPARTMENT		986,550	699,200	450,200	581,135	506,135	471,600
FIRE AND RESCUE DEPARTMENT							
15E15	Fire Station Design and Construction	685,243	2,860,000	2,755,000	0	0	0
16E22	Fire Station No. 2 Renovation	348,464	300,000	350,000	0	0	0
18E11	Portable Radios	35,000	35,000	0	0	0	0
18E23	Special Event Response Vehicle (SERV 2)	0	40,000	0	0	0	0
	Refurbishment of Engine #1 and Tower #2	210,000	0	0	0	0	0
	Fiber Optics installation to FS#3	25,000	0	0	0	0	0
	Extrication Equipment	0	0	40,000	0	0	0
	Multimedia and AV equipment for EOC	0	0	0	175,000	0	0
	Opticom Traffic Preemption	0	0	55,000	0	0	0
	Fire Notebook Replacements	0	0	0	45,000	0	0
	Cylinders for SCBA	0	0	0	30,000	30,000	0
	Fitness Equipment for Wellness Program	0	0	0	50,000	0	0
	Bunker Gear Replacement	0	0	0	60,000	60,000	60,000
	Training Tower	0	0	0	150,000	150,000	0
	Heart Monitors	0	0	0	210,000	0	0
	Diesel Exhaust Source Capture System	0	0	0	90,000	0	0
	Emergency Call Stations with AED Access	0	0	0	100,000	100,000	0
	Certificate of Public Necessity Study	0	0	0	35,000	0	0
	Self Contained Breathing Apparatus	0	0	0	90,000	0	90,000
	Engine Co. 1 - Fully Equipped (Repl.)	0	0	0	0	750,000	0
	Training Center Renovations	0	0	0	0	20,000	20,000
	Lucas II Chest Compression Devices	0	0	0	0	48,000	48,000
	New Mobile Air Trailer	0	0	0	0	0	90,000
	CCEMS area upgrades at Fire Station #2	0	0	0	0	0	110,000
	EPIC Voice Amplifier	0	0	0	0	0	15,000
	Self Contained Breathing App. Upgrade	0	0	0	0	0	0
	Special Operations Response Vehicle	0	0	0	0	0	80,000
	Special Operations Trailers	0	0	0	0	0	150,000
	Multi-Force Training Doors	0	0	0	0	0	18,500
	Hazardous Identification Devices	0	0	0	0	0	125,000
	Live Fire Burn Trailer	0	0	0	0	0	155,000
TOTAL FIRE RESCUE		1,303,707	3,235,000	3,200,000	1,035,000	1,158,000	961,500



**CAPITAL PROJECTS - ALL FUNDS
FISCAL YEARS 2018-2022**

PROJECT DESCRIPTION	AMENDED BUDGET	REQUEST	2018-19	2019-20	2020-21	2021-22
	2016-17	2017-18				
COMMUNITY SERVICES DEPARTMENT						
Landscaping/Parks & Parkways Continuing and New Projects						
18F03 Tree Fill In and Replacement Program	300,000	300,000	300,000	300,000	150,000	150,000
18F32 Landscape Median Restoration	125,000	75,000	75,000	75,000	75,000	75,000
18F01 Vehicle Replacement (2) - Pk/Pkwys	66,000	72,500	0	0	0	0
18F02 Small Equipment Replacement - Pk/Pkwys	70,800	55,300	0	0	0	0
Recreation Facilities Continuing and New Projects						
18G08 Vehicle Replacement (1) - Recreation	50,000	50,000	0	50,000	0	0
18G09 Fleischmann Park Improvements Projects	115,000	153,000	30,000	0	0	0
18G23 Skate Park Wooden Ramp Replacement and Renovatio	0	50,000	70,000	50,000	25,000	25,000
18G24 River Park Improvements	0	30,000	80,000	90,000	15,000	0
18G25 Norris Center Improvements	0	190,000	15,000	20,000	0	0
18G21 Seagate Park Improvements	0	50,000	75,000	150,000	0	0
Anthony Park Master Plan Development	0	0	50,000	1,500,000	1,500,000	0
River Park Aquatic Center - Storage Area	0	0	20,000	0	0	0
Cambier Pk & Fleischmann Pk Design Development	0	0	225,000	500,000	500,000	500,000
Naples Preserve Kitchen and Bathroom Renovation	0	0	25,000	0	0	0
City Facilities Continuing and New Projects						
18I22 Parking Lot Maintenance	186,000	208,700	0	150,000	60,000	0
18I05 Vehicle(s) Replacement - Facilities (2)	90,000	65,000	0	0	0	0
18I01 City Hall Improvements	134,000	225,000	80,000	80,000	80,000	80,000
Naples Landing – Ramp and Dock Renovation	205,000	0	325,000	75,000	0	0
Police-Fire Administration Building - Facility Improv.	225,000	0	0	0	0	0
Facility Painting (interior and exterior)	0	0	50,000	50,000	50,000	50,000
TOTAL COMMUNITY SERVICES DEPARTMENT	1,566,800	1,524,500	1,420,000	3,090,000	2,455,000	880,000
TOTAL PUBLIC SERVICE TAX						
	3,885,057	5,513,900	5,070,200	4,726,135	4,119,135	2,313,100
WATER SEWER FUND						
Water Production						
18K10 Filter Bed Replacement (2 per year)	200,000	200,000	200,000	200,000	200,000	200,000
17K14 Accelerator Improvements	25,000	330,000	330,000	330,000	0	0
18K18 Washwater Transfer Sludge Pumps	0	30,000	0	30,000	0	30,000
18K19 Slaker Replacement	0	350,000	0	0	0	0
Influent Mag Flow Meter	0	0	40,000	0	40,000	40,000
Flume Improvements	0	0	88,000	0	0	0
High Service Pump (HSP) Improvements	0	0	100,000	100,000	100,000	100,000
Chlorine Scrubber System Replacement	0	0	150,000	0	0	0
Delroyd Gear Box Rebuilds	0	0	0	45,000	45,000	45,000
Filter Awnings Replacements	0	0	0	25,000	120,000	120,000
Anionic Polymer Feed System Replacement	0	0	0	50,000	0	0
Electrical Upgrades - MCC & Generator Controls	0	0	0	50,000	400,000	0
Golden Gate Well 426	0	0	0	0	85,000	600,000
17K06 Well 1A Engine/Pump Replacement	75,000	0	0	0	0	0
17K07 Service Truck Replacement	27,000	0	0	0	0	30,000
TOTAL WATER PRODUCTION	327,000	910,000	908,000	830,000	990,000	1,165,000
Water Distribution						
18L02 Water Transmission Mains	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	2,000,000
18L06 Service Truck Replacement (1)	130,000	70,000	70,000	70,000	70,000	70,000
G.G Blvd Expansion (Everglades Blvd to Desoto)	0	0	250,000	0	0	0
Valve Maintenance Equipment	0	0	60,000	0	0	0
Traffic Arrow Board Replacement (2)	0	0	30,000	0	0	0
Insta-Valve Equipment Purchase	0	0	0	75,000	0	0
Dump Truck Replacement	0	0	0	0	120,000	0



**CAPITAL PROJECTS - ALL FUNDS
FISCAL YEARS 2018-2022**

PROJECT DESCRIPTION	AMENDED BUDGET	REQUEST	2018-19	2019-20	2020-21	2021-22
	2016-17	2017-18				
TOTAL WATER DISTRIBUTION	2,130,000	3,070,000	3,410,000	3,145,000	3,190,000	2,070,000
Wastewater Treatment						
18M02 Filter 3 Rehabilitation	500,000	750,000	0	0	0	0
18M07 WWTP Pumps	100,000	150,000	150,000	150,000	150,000	150,000
18M25 Infrastructure Repairs	190,000	180,000	120,000	100,000	100,000	100,000
18M28 Generator Improvements	0	60,000	250,000	0	0	0
18M29 Clarifier Improvements	0	100,000	100,000	150,000	0	0
Service Truck Replacement	0	0	0	0	30,000	0
SCADA Improvements	0	0	100,000	0	0	0
Chlorine System Expansion	0	0	0	100,000	0	0
Belt Filter Press Conveyor Replacement	0	0	70,000	200,000	100,000	0
Final Treatment Expansion	0	0	0	0	0	50,000
17M01 PLC Replacements	400,000	0	0	0	0	0
TOTAL WASTEWATER TREATMENT	1,190,000	1,240,000	790,000	700,000	380,000	300,000
Wastewater Collections						
18N04 Replace Sewer Mains, Laterals, etc.	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
18N11 Service Truck Replacement (1)	70,000	45,000	70,000	70,000	70,000	70,000
18N13 Vacuum/Pumper Truck Replacement	0	225,000	0	0	0	0
18N14 Light Tower Replacements (2)	0	30,000	0	0	0	0
18N15 Cement Sprayer (F/Manhole Rehabs)	0	80,000	0	0	0	0
17N12 Sewer Improvements (Assessments)	400,000	6,000,000	0	0	0	0
Box blade Tractor Replacement	0	0	55,000	0	0	0
Dump Truck Replacement	0	0	120,000	0	0	0
Large Truck Awning (Design and Installation)	0	0	100,000	0	0	0
Combination Jet/Vacuum Truck (Replacement)	0	0	0	300,000	0	0
High Velocity Jet Truck Replacement	0	0	0	0	250,000	0
17N10 Dewatering Pump	50,000	0	0	0	55,000	0
TOTAL WASTEWATER COLLECTIONS	1,520,000	7,380,000	1,345,000	1,370,000	1,375,000	1,070,000
Utilities Maintenance						
18X01 Replace/Upgrade Remote Pumping Facilities	250,000	300,000	250,000	250,000	150,000	150,000
18X04 Replace Submersible Pumps	150,000	150,000	150,000	150,000	150,000	150,000
18X02 Pump Stations Improvements	400,000	300,000	300,000	300,000	300,000	300,000
18X07 Power Service Control Panels	300,000	300,000	300,000	300,000	300,000	300,000
18X05 Service Truck Replacement (1)	140,000	90,000	90,000	90,000	70,000	70,000
18X21 Handheld Radio Replacements	0	160,000	0	0	0	0
18X22 Generator Replacements	0	150,000	150,000	150,000	150,000	150,000
18X23 Paving of parking areas	0	240,000	0	0	0	0
Odor Control Systems	0	0	40,000	0	40,000	40,000
Irrigation System Control Valves	0	0	50,000	50,000	50,000	0
Telemetry Upgrades/Improvements (Sewer PS)	0	0	0	0	325,000	0
18X19 Alternative Pumping Improvements	400,000	0	0	0	0	0
16X11 Master Pump Station Construction (9 & 10)	400,000	0	0	0	0	0
TOTAL UTILITIES MAINTENANCE	2,040,000	1,690,000	1,330,000	1,290,000	1,535,000	1,160,000
Utilities/Finance/Customer Service						
Meter Reading Truck Replacement	0	0	0	0	25,000	0
TOTAL CUSTOMER SERVICE	0	0	0	0	25,000	0
IWRP (Integrated Water Resource Plan)						
18K58 Reclaimed Water Distribution System (Phase 5)	3,000,000	3,000,000	0	0	0	0
18K59 Reclaimed Water Transmission Mains	100,000	200,000	200,000	200,000	200,000	200,000
TOTAL IWRP	3,100,000	3,200,000	200,000	200,000	200,000	200,000
TOTAL UTILITIES FUND	10,307,000	17,490,000	7,983,000	7,535,000	7,695,000	5,965,000



**CAPITAL PROJECTS - ALL FUNDS
FISCAL YEARS 2018-2022**

PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
Building Fund						
16B25 Lobby & Building Renovations	831,356	200,000	400,000	0	0	0
15B01 Electronic Permitting	345,000	65,000	0	0	0	0
Vehicle Replacement Program	30,000	0	60,000	30,000	30,000	0
Records Storage Room (Station 1)	0	0	300,000	0	0	0
Fire Inspector Vehicle Addition	30,000	0	0	0	0	0
TOTAL BUILDING FUND	1,236,356	265,000	760,000	30,000	30,000	0
COMMUNITY REDEVELOPMENT AGENCY-CRA (Fund 180)						
18C14 8th Street S Improvements	250,000	1,500,000	1,500,000	0	0	0
6th Ave Garage (Waterproof, Paint etc.)	0	100,000	0	0	0	0
1st Ave S Improvements	0	0	370,000	2,000,000	0	0
5th Avenue N Interconnect	0	0	300,000	0	0	0
3rd Ave S Improvements	690,134	0	0	0	0	0
River Park Improvements	150,000	0	0	0	0	0
TOTAL CRA FUND	1,090,134	1,600,000	2,170,000	2,000,000	0	0
STREETS & TRAFFIC FUND						
Annual Pavement Resurfacing Program	600,000	600,000	600,000	650,000	650,000	650,000
Arterial Pavement Resurfacing Program	550,000	55,000	0	0	0	0
18U31 Alley Maintenance & Improvements	75,000	75,000	75,000	75,000	75,000	75,000
18U29 Pedestrian & Bicycle Master Plan Projects	150,000	150,000	150,000	150,000	150,000	150,000
18U21 Citywide ADA Accessibility Improvements	15,000	15,000	15,000	15,000	15,000	15,000
18U01 Intersection/Signal System Improvements	50,000	70,000	275,000	70,000	300,000	75,000
18U32 Decorative Metal Speed Limit Signs	0	130,000	0	0	0	0
18U34 Crayton Road Improvements at Whispering Pine	0	80,000	0	0	0	0
18U33 Pressure Washer (3)	0	7,000	0	0	0	0
Traffic Operations & Signal System Improvements	75,000					
Streets Sweeper	0	0	350,000	0	0	0
Gulf Shore Blvd North Street Light Improvement	50,000	0	0	0	0	0
Brick Crosswalk Enhancements GSBN	90,000	0	0	0	0	0
TOTAL STREETS AND TRAFFIC FUND	1,655,000	1,182,000	1,465,000	960,000	1,190,000	965,000
SOLID WASTE FUND (Fund 450)						
18P21 Satellite Collection Vehicle Replacement	64,000	32,000	32,000	32,000	32,000	32,000
18P02 Rebuild Solid Waste Refuse Trucks	100,000	100,000	100,000	100,000	100,000	100,000
18P01 Large Refuse Truck Replacements	0	270,000	270,000	270,000	270,000	270,000
18P22 Handheld Radio Replacements	0	65,000	0	0	0	0
18P20 Service Vehicle Replacement	0	30,000	0	30,000	30,000	0
18P23 Cardboard Baler	0	25,000	0	0	0	0
Tractor/Trailer Purchase (Recycle)	185,000	0	0	0	0	0
Loader Replacement	0	0	300,000	0	0	0
Recycle Compaction/Loading System	0	0	250,000	0	0	0
Roll-off Truck Replacement	0	0	0	150,000	0	0
Large Refuse Truck Wash Station	0	0	0	0	0	250,000
TOTAL SOLID WASTE FUND	349,000	522,000	952,000	582,000	432,000	652,000
STORMWATER FUND (Fund 470)						
18V02 Citywide Stormwater Improvements	1,000,000	700,000	700,000	700,000	700,000	700,000
18V05 Stormsewer Pipe Lining	200,000	150,000	150,000	0	0	0
18V27 Citywide Lake Maint. & Improvements (1)	375,000	70,000	1,100,000	75,000	250,000	1,750,000
18V26 Beach Restoration & Outfall Improvement (1)	799,300	125,000	125,000	9,000,000	0	0
18V15 Naples Bay Restoration & Water Quality at Cove PS (1)	0	1,000,000	0	0	0	0
18V33 Pressure Washer (4)	0	7,000	0	0	0	0
18V12 Oyster Reef & Seagrass Restoration Project (1) (2)	0	100,000	100,000	100,000	0	0
18C14 8th Street Stormwater Improvements (3)	0	300,000	0	0	0	0
1st Ave South Stormwater Improvements (3)	0	0	30,000	275,000	0	0
Street Sweeper Replacement	0	0	325,000	0	0	0
Panga Boat Motor	15,000	0	0	0	0	0
TOTAL STORMWATER FUND	2,389,300	2,452,000	2,530,000	10,150,000	950,000	2,450,000



**CAPITAL PROJECTS - ALL FUNDS
FISCAL YEARS 2018-2022**

PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
TENNIS FUND (Fund 480)						
18G18 Tennis Center Carpet and Doors	0	11,500	0	0	0	0
18G20 Tennis Court Lighting	0	40,000	100,000	100,000	0	0
18G21 Maintenance Vehicle	0	18,000	0	0	0	0
Tennis Courts (4) Fencing	50,000	0	0	0	0	0
TOTAL TENNIS FUND	50,000	69,500	100,000	100,000	0	0
BEACH FUND (Fund 430)						
18R16 Lowdermilk Pavilion Repair	0	100,000	50,000	50,000	50,000	50,000
18R15 Beach Maintenance Cart (1)	14,000	14,000	14,000	14,000	14,000	14,000
18R20 8th Ave S Beach Park Improvements	0	200,000	0	0	0	0
18R13 Beach ATV Replacement (1)	18,000	15,000	15,000	0	15,000	15,000
18R11 Security Cameras	30,000	30,000	0	0	0	0
Beach Specialist ATV Storage Garage	0	0	70,000	0	0	0
Parking Pay Stations Update	0	0	0	0	248,000	150,000
Lowdermilk Parking Lot Repaving	61,500	0	0	0	0	0
Beach Maint Vehicle Replacement (1)	30,000	0	0	0	0	0
Beach Specialist Vehicle Replacement (1)	31,000	0	0	0	0	0
TOTAL BEACH FUND	184,500	359,000	149,000	64,000	327,000	229,000
BAKER PARK (Fund 125)						
15A16 Baker Park-Gordon River Bridge Component	4,414,160	0	0	0	0	0
13A03 Baker Park - Construction & Development	1,182,000	12,550,000	0	0	0	0
TOTAL BAKER PARK FUND	5,596,160	12,550,000	0	0	0	0
TECHNOLOGY FUND (Fund 520)						
15T08 Security Camera Project	30,000	0	30,000	0	75,000	0
Hyper-V Virtual Host Servers / Networking	0	0	45,000	0	45,000	0
Storage Area Network	0	0	95,000	45,000	0	0
Time Clock Replacement	0	0	0	40,000	0	0
Station 1 Data Center	0	0	150,000	0	0	0
PC Replacement Program (400)	410,000	0	0	0	380,000	0
TOTAL TECHNOLOGY SERVICES FUND	440,000	0	320,000	85,000	500,000	0
EQUIPMENT SERVICES (Fund 530)						
Facility Generator Replacement	0	0	80,000	0	0	0
Portable Vehicle Lifts	0	0	0	50,000	50,000	0
Fuel Tracking Software Upgrades (Trak)	0	0	0	0	50,000	0
Heater Upgrades (Efficient Models)	0	0	0	0	0	50,000
TOTAL EQUIPMENT SERVICES FUND	0	0	80,000	50,000	100,000	50,000
EAST NAPLES BAY						
Rock Removal	0	0	0	0	1,000,000	0
Canal Markers	0	0	0	0	0	0
TOTAL EAST NAPLES BAY FUND	0	0	0	0	1,000,000	0
COMMUNITY DEVELOPMENT BLOCK GRANT						
18C60 Anthony Park Restrooms	0	175,000	0	0	0	0
Sidewalk Improvements at River Park	166,930	0	0	0	0	0
TOTAL COMMUNITY DEVELOPMENT BLOCK GRANT	166,930	175,000	0	0	0	0
TOTAL ALL CAPITAL PROJECTS	27,349,437	42,178,400	21,579,200	26,282,135	16,343,135	12,624,100



CAPITAL IMPROVEMENTS PROGRAM

PUBLIC SERVICE TAX / CAPITAL IMPROVEMENT FUND

The Public Service Tax/Capital Improvement Fund is one of the largest sources of capital financing for the City of Naples.

Florida Statutes sections 166 and 202 authorize municipalities to collect Public Service Taxes. City Code Section 34 Article IV governs the collection and appropriation of Naples' public service tax receipts. City Code states that public service tax receipts shall first be appropriated for any debt backed by these receipts. After that, funds are to be transferred to the capital improvement fund of the City for the uses and purposes set forth and contained in the budget for the current fiscal year. This fund represents the latter purpose.

Major Projects

The items listed for the Public Service Tax Fund for FY17-18 total \$5.5 million. There are four areas typically funded by the Public Service Tax.

Administrative Departments

Typically, administrative departments such as Finance, City Manager, Planning or City Clerk do not have significant capital needs. The Planning Department is requesting \$55,200 for the implementation of City View software for the planning and zoning of building permits. The software is necessary for coordination with the Building Department.

Police Department

The Police Department's 2017-18 capital requests total \$699,200. Generally, Police Department capital requests include replacement of equipment and this year is no exception. Among the several replacements are a marked marine patrol vessel (\$160,000), two marked vehicles (\$103,200), a crime scene vehicle (\$80,000) and mobile radios (\$71,000). New to the department this year will be a 3D Crime Scene software and equipment for \$87,000. This project is needed primarily for crime solving and prosecution but can also be used for tactical operations.

Fire - Rescue Department

The 2017-18 requests for the Fire Department total \$3,235,000. The Fire Department's requests include the continuation of replacing Station 1. Construction is expected during FY17-18 (\$2.86 million) and FY18-19 (\$2.755 million).

Fire Station No.2 renovations total \$300,000. The request in this fiscal year is to renovate the bays; designing new bays will increase the space between apparatus and create a safer environment for personnel and apparatus.



Other costs included are for portable radios (\$35,000) and a special event rescue vehicle (\$40,000).

Community Services Department

The Community Services Department's 2017-18 requests total \$1,524,500.

Community Services includes Facilities and Grounds Maintenance of the City, as well as Parks and Recreation. The CIP summary request page is broken down into 3 categories: Landscaping/Parks & Parkways, Recreation Facilities, and City Facilities.

All replacement vehicles for the Community Services five-year plan have been projected based on the Equipment Services 15-point replacement criteria.

Impact Fees

Impact Fees are tracked in separate funds, which are not budgeted 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. The FY 17-18 CIP includes the use of \$200,000 of fire impact fees for the enhancements to the Fire Station 1.

The March 2017 balances of the Impact Fee Funds are as follows:

Fire	\$415,116	
Police	\$1,212	(used in FY 16-17)
Recreation	\$178,478	(used \$250,000 in FY 16-17 for Baker Park)

Summary

The 2018-22 Capital Improvement Program for the Public Service Tax Fund is on the pages that follow. Projects tentatively planned for 2017-18 have data sheets that provide details on the project, the justification, and related information. Projects for Fiscal Years 2018-19 and beyond do not have capital project sheets in this document.



**PUBLIC SERVICE TAX FUNDS
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Years 2018-22**

	Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Fund Balance	5,222,967	6,961,035	5,153,205	3,556,254	2,316,556	1,639,696
<i>For both Debt and Capital Project Funds</i>						
Estimated Revenues						
Electric Public Service Tax	3,100,000	3,015,000	3,045,150	3,060,376	3,075,678	3,091,056
Natural Gas Tax	45,000	45,225	45,451	45,678	45,907	46,136
Propane Gas Tax	130,000	130,650	131,303	131,960	132,620	133,283
Local Telecommunications Tax**	697,585	947,585	947,585	947,585	947,585	947,585
Auction/Assessments/Interest	165,226	166,052	95,000	95,000	65,000	65,000
General Fund Transfer	1,950,000	0	0	0	0	0
Impact Fees	318,000	200,000	0	0	0	0
CRA Debt Service Transfer	990,461	991,441	980,993	985,184	1,033,270	263,988
Transfer in ENB Interfund Loan	14,000	0	0	0	0	0
Total Revenues	7,410,272	5,495,953	5,245,482	5,265,783	5,300,059	4,547,048
Estimated Expenditures						
Public Service Tax Debt Service	686,856	687,514	680,312	683,234	713,585	183,084
CRA Debt Service	990,461	991,441	980,993	985,184	1,033,270	263,988
Administration	109,830	110,928	110,928	110,928	110,928	110,928
Total Expenditures	1,787,147	1,789,883	1,772,233	1,779,346	1,857,783	558,000
Net Income before Capital	5,623,125	3,706,070	3,473,249	3,486,437	3,442,276	3,989,048
Available for Capital Projects	10,846,092	10,667,105	8,626,454	7,042,691	5,758,831	5,628,744
CIP Requests (from List)	3,885,057	5,513,900	5,070,200	4,726,135	4,119,135	2,313,100



CAPITAL PROJECTS - PUBLIC SERVICE TAX FUND FISCAL YEARS 2018-22

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
ADMINISTRATION DEPARTMENTS							
18A08	City View Software/Planning	0	55,200	0	0	0	0
	Accounting/Budget Software	0	0	0	20,000	0	0
	Code/Dock Master Vehicle Replacement	28,000	0	0	0	0	0
TOTAL ADMINISTRATION		28,000	55,200	0	20,000	0	0
POLICE DEPARTMENT							
18H04	Portable Radio Lifecycle Replacement (20)	80,000	71,000	71,000	71,000	71,000	71,000
18H01	Marked Vehicle Replacement (2)	91,600	103,200	309,600	309,600	309,600	309,600
18H03	Unmarked Police Vehicle Replacement (1)	30,500	41,000	36,000	36,000	36,000	36,000
18H31	Crime Scene Vehicle Replacement (1)	0	80,000	0	0	0	0
18H32	Marine Vessel Replacement (1)	0	160,000	0	75,000	0	0
18H33	Motorcycle Replacement (2)	0	67,000	0	0	0	0
18H15	Property/Evidence Furniture/Flooring Replacement	0	15,000	0	0	0	0
18H34	3D Crime Scene Mapping Equipment/Software	0	87,000	0	0	0	0
18H35	Police Interactive Monitors (2)	0	20,000	0	0	0	0
18H36	Police Notebook Replacements (MDT's)	0	55,000	0	0	0	55,000
	City License Plate Recognition Solution	450,000	0	0	0	0	0
	Taser Replacement	0	0	33,600	40,535	40,535	0
	Marine Outboard Motor Replacement	45,000	0	0	49,000	49,000	0
	Armored Rescue Vehicle Replacement (1)	214,950	0	0	0	0	0
	Property/Inventory Van Replacement (1)	25,000	0	0	0	0	0
	Property/Evidence Locker/Storage Replacement	30,000	0	0	0	0	0
	Hard Body Armor (40 units)	19,500	0	0	0	0	0
TOTAL POLICE DEPARTMENT		986,550	699,200	450,200	581,135	506,135	471,600
FIRE AND RESCUE DEPARTMENT							
15E15	Fire Station Design and Construction	685,243	2,860,000	2,755,000	0	0	0
16E22	Fire Station No. 2 Renovation	348,464	300,000	350,000	0	0	0
18E11	Portable Radios	35,000	35,000	0	0	0	0
18E23	Special Event Response Vehicle (SERV 2)	0	40,000	0	0	0	0
	Refurbishment of Engine #1 and Tower #2	210,000	0	0	0	0	0
	Fiber Optics installation to FS#3	25,000	0	0	0	0	0
	Extrication Equipment	0	0	40,000	0	0	0
	Multimedia and AV equipment for EOC	0	0	0	175,000	0	0
	Opticom Traffic Preemption	0	0	55,000	0	0	0
	Fire Notebook Replacements	0	0	0	45,000	0	0
	Cylinders for SCBA	0	0	0	30,000	30,000	0
	Fitness Equipment for Wellness Program	0	0	0	50,000	0	0
	Bunker Gear Replacement	0	0	0	60,000	60,000	60,000
	Training Tower	0	0	0	150,000	150,000	0
	Heart Monitors	0	0	0	210,000	0	0
	Diesel Exhaust Source Capture System	0	0	0	90,000	0	0
	Emergency Call Stations with AED Access	0	0	0	100,000	100,000	0
	Cert of Public Necessity/Conv Study	0	0	0	35,000	0	0
	Self Contained Breathing Apparatus	0	0	0	90,000	0	90,000
	Engine Co. 1 - Fully Equipped (Repl.)	0	0	0	0	750,000	0
	Training Center Renovations	0	0	0	0	20,000	20,000
	Lucas II Chest Compression Devices	0	0	0	0	48,000	48,000
	New Mobile Air Trailer	0	0	0	0	0	90,000
	CCEMS area upgrades at Fire Station #2	0	0	0	0	0	110,000
	EPIC Voice Amplifier	0	0	0	0	0	15,000
	Special Operations Response Vehicle	0	0	0	0	0	80,000
	Special Operations Trailers	0	0	0	0	0	150,000
	Multi-Force Training Doors	0	0	0	0	0	18,500
	Hazardous Identification Devices	0	0	0	0	0	125,000
	Live Fire Burn Trailer	0	0	0	0	0	155,000
TOTAL FIRE RESCUE		1,303,707	3,235,000	3,200,000	1,035,000	1,158,000	961,500



CAPITAL PROJECTS - PUBLIC SERVICE TAX FUND FISCAL YEARS 2018-22

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
Landscaping/Parks & Parkways Continuing and New Projects							
18F03	Tree Fill In and Replacement Program	300,000	300,000	300,000	300,000	150,000	150,000
18F32	Landscape Median Restoration	125,000	75,000	75,000	75,000	75,000	75,000
18F01	Vehicle Replacement (2) - Pk/Pkwys	66,000	72,500	0	0	0	0
18F02	Small Equipment Replacement - Pk/Pkwys	70,800	55,300	0	0	0	0
Recreation Facilities Continuing and New Projects							
18G08	Vehicle Replacement (1) - Recreation	50,000	50,000	0	50,000	0	0
18G09	Fleischmann Park Improvements Projects	115,000	153,000	30,000	0	0	0
18G23	Skate Park Wooden Ramp Replacement and Renovation	0	50,000	70,000	50,000	25,000	25,000
18G24	River Park Improvements	0	30,000	80,000	90,000	15,000	0
18G25	Norris Center Improvements	0	190,000	15,000	20,000	0	0
18G26	Seagate Park Improvements	0	50,000	75,000	150,000	0	0
	Anthony Park Master Plan Development	0	0	50,000	1,500,000	1,500,000	0
	Cambier & Fleischmann Pk Design Development	0	0	225,000	500,000	500,000	500,000
	River Park Aquatic Center - Storage Area	0	0	20,000	0	0	0
	Naples Preserve Kitchen and Bathroom Renovation	0	0	25,000	0	0	0
City Facilities Continuing and New Projects							
18I22	Parking Lot Maintenance	186,000	208,700	0	150,000	60,000	0
18I05	Vehicle(s) Replacement - Facilities (2)	90,000	65,000	0	0	0	0
18I01	City Hall Improvements	134,000	225,000	80,000	80,000	80,000	80,000
18I20	Naples Landing – Ramp and Dock Renovation	205,000	0	325,000	75,000	0	0
	Police-Fire Administration Building - Facility Improv.	225,000	0	0	0	0	0
	Facility Painting (interior and exterior)	0	0	50,000	50,000	50,000	50,000
TOTAL COMMUNITY SERVICES DEPARTMENT		1,566,800	1,524,500	1,420,000	3,090,000	2,455,000	880,000
TOTAL PUBLIC SERVICE TAX		3,885,057	5,513,900	5,070,200	4,726,135	4,119,135	2,313,100



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CAPITAL IMPROVEMENT PROJECTS **ADMINISTRATION - PUBLIC SERVICE TAX FUND**

CIP NUMBER	PROJECT DESCRIPTION	Amended Budget 2016-17	Dept Request 2017-18	2018-19	2019-20	2020-21	2021-22
18A08	City View Software/Planning	0	55,200	0	0	0	0
	Accounting/Budget Software	0	0	0	20,000	0	0
	Code/Dock Master Vehicle Replacement	28,000	0	0	0	0	0
TOTAL ADMINISTRATION		28,000	55,200	0	20,000	0	0

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: City View Software

DEPARTMENT: 05 Planning

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18A08

CIP SCORE: 28

DEPT RANK: 1

PROJECT TYPE: New

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Purchase of City View software module for the processing of Planning and Zoning petitions.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

As part of the Building Department's acquisition of City View software, the Planning Department will need a separate module for planning and zoning review of permits. Using the same software will allow for improved coordination with the Building Department. First year costs includes subscription service of \$10,860.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	05	02	515	560800	\$ 55,200				
TOTAL COST					\$ 55,200	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Annual Subscription		\$ 10,860	\$ 10,860	\$ 10,860	\$ 10,860

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 55,200				
TOTAL	\$ 55,200	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/30/2018

PREPARED BY: Robin Singer

**CAPITAL IMPROVEMENT PROJECTS
POLICE DEPARTMENT - PUBLIC SERVICE TAX FUND**

CIP NUMBER	PROJECT DESCRIPTION	Amended Budget 2016-17	Dept. Request 2017-18	2018-19	2019-20	2020-21	2021-22
18H04	Portable Radio Lifecycle Replacement (20)	80,000	71,000	71,000	71,000	71,000	71,000
18H01	Marked Vehicle Replacement (2)	91,600	103,200	309,600	309,600	309,600	309,600
18H03	Unmarked Police Vehicle Replacement (1)	30,500	41,000	36,000	36,000	36,000	36,000
18H31	Crime Scene Vehicle Replacement (1)	0	80,000	0	0	0	0
18H32	Marine Vessel Replacement (1)	0	160,000	0	75,000	0	0
18H33	Motorcycle Replacement (2)	0	67,000	0	0	0	0
18H15	Property/Evidence Furniture/Flooring Replacement	0	15,000	0	0	0	0
18H34	3D Crime Scene Mapping Equipment/Software	0	87,000	0	0	0	0
18H35	Police Interactive Monitors (2)	0	20,000	0	0	0	0
18H36	Police Notebook Replacements (MDT's)	0	55,000	0	0	0	55,000
	City License Plate Recognition Solution	450,000	0	0	0	0	0
	Taser Replacement	0	0	33,600	40,535	40,535	0
	Marine Outboard Motor Replacement	45,000	0	0	49,000	49,000	0
	Armored Rescue Vehicle Replacement (1)	214,950	0	0	0	0	0
	Property/Inventory Van Replacement (1)	25,000	0	0	0	0	0
	Property/Evidence Locker/Storage Replacement	30,000	0	0	0	0	0
	Hard Body Armor (40 units)	19,500	0	0	0	0	0
TOTAL POLICE DEPARTMENT		986,550	699,200	450,200	581,135	506,135	471,600

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: 800 MHz Portable Radios Lifecycle Replacements (20 per year)

DEPARTMENT: 11 Police **FUND:** 340 Capital Project Fund

PROJECT NUMBER: 18H04 **CIP SCORE:** 33 **DEPT RANK:** 1

PROJECT TYPE: Replacement **VISION PLAN:** Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Replace aging, function-based portable radios assigned to NPD officers and staff; facilitates digital public safety communications, interoperability w/external agencies, and enhances officer safety.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

During FY2017-18, the Collier County radio system (of which NPD is a client) will complete its transition to "P25" technology, FCC regulatory standard for digital, interoperable communications for public safety agencies. NPD completed P25 program transition for its 101 portable radios, and must now plan for orderly and prioritized replacement of said radios as they reach the end of their published service life (5-7 years). This dynamic plan replaces 20 of the oldest radios per year over the next 5 years, thereby maintaining a reasonable level of technologically-current public safety radio communications.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
001	11	21	521	560400	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000
TOTAL COST					\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc.)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 71,000	71,000	71,000	71,000	71,000
TOTAL	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000	\$ 71,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Portable Radios (20)	\$ 66,000	\$ 70,642	\$ (4,642)
FY 2015-16 & Prior	Portable Radios programming only	\$ 74,942	\$ 24,038	\$ 50,904
Project to date				\$ 46,262

PROJECT START: MONTH/YEAR Oct. 2017 **END:** MONTH/YEAR Sept. 2022 **PREPARED BY:** A. Martinez

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Marked Vehicle Replacement (2)

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H01

CIP SCORE: 33

DEPT RANK: 2

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Replacement of two marked law enforcement vehicles 71B4385 and 71D884. Future years include replacement of six (6) marked vehicles each year.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Replacement of vehicle 71B4385, a 2014 Ford Explorer (wrecked/decommissioned) and vehicle 71D884, a 2008 Ford Expedition (53,712 miles, maintenance cost: \$31,070 from purchase to date). Both have met the replacement criteria per safety and cost assessment by Equipment Services based on mileage, age, condition, and maintenance history. Both will be replaced with marked police units(Ford Interceptor SUVs- Explorers) and be used as patrol vehicles.

PROJECT COST

Fund	Dept	Div	Function Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521 560700	\$ 103,200	\$ 309,600	\$ 309,600	\$ 309,600	\$ 309,600
TOTAL COST				\$ 103,200	\$ 309,600	\$ 309,600	\$ 309,600	\$ 309,600

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 103,200	\$ 309,600	\$ 309,600	\$ 309,600	\$ 309,600
TOTAL	\$ 103,200	\$ 309,600	\$ 309,600	\$ 309,600	\$ 309,600

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
Oct. 2017

END: MONTH/YEAR
Jul. 2018

PREPARED BY: M. O'Reilly

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Unmarked Police Vehicle Replacement (1)

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H03

CIP SCORE: 28

DEPT RANK: 3

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Replace one unmarked police vehicle (72A118).

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Replace one 2011 Ford Fusion (72A118). The vehicle meets the criteria for replacement in 2017-18 per safety and cost assessment by Equipment Services based on mileage, age, condition, and maintenance history. Current mileage is 61,000 and current lifetime maintenance costs for this vehicle are \$9,317.12. This replacement cost of \$41,000 is for the vehicle, covert vehicle emergency lights and equipment. FY 18-19, FY19-20, FY 20-21 and FY 21-22 are all forecasted for replacement unmarked vehicles.

PROJECT COST									
Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521	560700	\$ 41,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000
TOTAL COST					\$ 41,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)					
FUNDING SOURCES					
	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 41,000	36,000	36,000	36,000	36,000
TOTAL	\$ 41,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000

Totals for funding sources and project expenses must reconcile for each year.

*REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET				
STATUS:				
SUMMARY OF PRIOR ACTIVITY				
Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
Oct. 2017

END: MONTH/YEAR
Sept. 2018

PREPARED BY: M. Fletcher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Crime Scene Vehicle Replacement (1)

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H31

CIP SCORE: 28

DEPT RANK: 4

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Replace one Crime Scene Vehicle (71D766).

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Replace one 2007 Ford F150 vehicle (71D766). The vehicle meets the criteria for replacement in 2017-18 per safety and cost assessment by Equipment Services. Current mileage is 29,298 and current lifetime maintenance costs are \$9,217. The replacement cost of \$80,000 includes the vehicle, installation of a service body, lights, and markings. The current 2007 Ford F150 vehicle is being operated at the maximum payload weight capacity and is affecting vehicle components such as the suspension, shocks, and tires. Per current equipment weight to payload capacity, safe operation has been identified at a F350 model. Current needs of the department require additional space to transport the necessary crime scene processing equipment. The replaced vehicle may be assigned to another City department or will be sold at auction.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521	560700	\$ 80,000	\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 80,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 80,000	-	-	-	-
TOTAL	\$ 80,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
Oct. 2017

END: MONTH/YEAR
Jul. 2018

PREPARED BY: M. Fletcher

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Police Marine Vessel Replacement (1)

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H32

CIP SCORE: 31

DEPT RANK: 5

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Replacement of marked marine patrol vessel.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Replacement of vessel 73Y909 purchased in 2008 ('09 Donzi 23' single-engine, center console). Maintenance costs from purchase to date - \$55,525.90. The five-year hull structural integrity warranty expired in 2013. The hull is comprised of fiberglass with wooden stringers and has been kept in the water since its purchase in 2008. During recent maintenance, the mechanic noted the interior of the hull showed signs of water intrusion in the wood. Replacement is a twin-engine, purpose-built police vessel capable of responding to emergencies in conditions unfavorable for a smaller, single-engine vessel. Vessel 73Y9809 (2009 Angler 26' center console) is anticipated to require replacement by FY19-20 with a like, single-engine vessel.

PROJECT COST

Fund	Dept	Div	Function Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521 560700	\$ 160,000	\$ -	\$ 75,000	\$ -	\$ -
TOTAL COST				\$ 160,000	\$ -	\$ 75,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 160,000	-	\$ 75,000	-	-
TOTAL	\$ 160,000	\$ -	\$ 75,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: Oct. 2017

END: Jun. 2020

PREPARED BY: M. O'Reilly

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Police Motorcycle Replacement (2)

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H33

CIP SCORE: 29

DEPT RANK: 6

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

The department has two marked Police motorcycles. Both are scheduled for replacement in FY 17-18.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Replacement of two motorcycles: #74C130 and #74C186 (2011 Harley Davidson Road Kings - 22,691 miles and 37,106 miles, respectively). Maintenance costs from purchase to date: #74C130 = \$7,220.64; #74C186 = \$11,303.32. Both have met the replacement criteria per cost assessment by Equipment Services based on mileage, age, condition, and maintenance history. Replacements include all new equipment and required law enforcement accessories.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521	560700	\$ 67,000	\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 67,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 67,000	-	-	-	-
TOTAL	\$ 67,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: Oct. 2017

END: Jun. 2018

PREPARED BY: M. O'Reilly

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Property and Evidence Furniture and Flooring Replacement

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H15

CIP SCORE: 18

DEPT RANK: 7

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Replacement of office furniture and flooring in the Property and Evidence office and vaults.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Replacement of desks, hutches, tables, and shelving, in the Property and Evidence Room office and in a 2nd floor administrative office. The current furniture is over 15 years old and contains components that no longer function. The flooring in the Property and Evidence section currently consists of both vinyl tile and painted concrete, which have surpassed the recommended manufacturer's service life. Replacement flooring in the property and evidence room vaults would include an enhanced flooring with a non-slip component that can easily be cleaned if the area is utilized to store evidence that includes biohazard. The need for this item became evident after shelving was removed for replacement.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521	560400	\$ 15,000	\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 15,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 15,000	-	-	-	-
TOTAL	\$ 15,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: Oct. 2017

END: Jul. 2018

PREPARED BY: M. Fletcher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: 3D Crime Scene Mapping Equipment and Software

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H34

CIP SCORE: 18

DEPT RANK: 8

PROJECT TYPE: New

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Purchase of 3D crime scene mapping equipment and software.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This device would primarily be used for crime scene processing and obtaining accurate measurements and documentation of crimes and severe/fatal motor vehicle crashes. This 3D forensic documentation captures the entire scene quickly before scene can be compromised, including bullet trajectory and blood spatter, and creates a fully digital scene/crash reconstruction complete with digital simulations of the event. This device and software will enhance courtroom testimony regarding critical crime scene documentation. In addition, this device has the capability to create a 3D map of critical assets located within the City. These maps, which can be quickly shared, could be vital during such events as tactical training, evacuation training, and large-scale tactical operations.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521	560400	\$ 87,000	\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 87,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Yearly maintenance, calibration, and warranty		\$ 5,710	\$ 5,710	\$ 5,710	\$ 5,710

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 87,000	-	-	-	-
TOTAL	\$ 87,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
Oct. 2017

END: MONTH/YEAR
Jul. 2018

PREPARED BY: M. Fletcher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Police Interactive Monitor

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H35

CIP SCORE: 18

DEPT RANK: 9

PROJECT TYPE: New

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Purchase and installation of two 70" touch-screen monitors for use in the roll call and second floor training/conference room.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The touch-screen monitors will enhance our ability to make presentations, conduct training, enhance planning capabilities during operational meetings, allow for on-screen development of tactical and strategic plans. This technology provides video conferencing, web conferencing, audio conferencing and a virtual whiteboard. The estimated cost of each monitor and software is \$10,000.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521	560400	\$ 20,000	\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 20,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 20,000	-	-	-	-
TOTAL	\$ 20,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: Oct. 2017

END: Jun. 2018

PREPARED BY: R. Young

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Police Notebook/Laptops

DEPARTMENT: 11 Police

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18H36

CIP SCORE: 18

DEPT RANK: 10

PROJECT TYPE: New

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Purchase and installation of 23 Laptops for NPD Marked Vehicles.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The computers in the Police marked vehicles are replaced every 4 years.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	11	20	521	560400	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000
TOTAL COST					\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 55,000	-	-	-	\$ 55,000
TOTAL	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
Oct. 2017

END: MONTH/YEAR
Jun. 2018

PREPARED BY: Mark Jackson



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**CAPITAL IMPROVEMENT PROJECTS
FIRE-RESCUE DEPARTMENT - PUBLIC SERVICE TAX FUND**

CIP NUMBER	PROJECT DESCRIPTION	Amended 2016-17	Dept Requested 2017-18	2018-19	2019-20	2020-21	2021-22
15E15	Fire Station Design and Construction	685,243	2,860,000	2,755,000	0	0	0
16E22	Fire Station No. 2 Renovation	348,464	300,000	350,000	0	0	0
18E11	Portable Radios	35,000	35,000	0	0	0	0
18E23	Special Event Response Vehicle (SERV 2)	0	40,000	0	0	0	0
	Refurbishment of Engine #1 and Tower #2	210,000	0	0	0	0	0
	Fiber Optics installation to FS#3	25,000	0	0	0	0	0
	Extrication Equipment	0	0	40,000	0	0	0
	Multimedia and AV equipment for EOC	0	0	0	175,000	0	0
	Opticom Traffic Preemption	0	0	55,000	0	0	0
	Fire Notebook Replacements	0	0	0	45,000	0	0
	Cylinders for SCBA	0	0	0	30,000	30,000	0
	Fitness Equipment for Wellness Program	0	0	0	50,000	0	0
	Bunker Gear Replacement	0	0	0	60,000	60,000	60,000
	Training Tower	0	0	0	150,000	150,000	0
	Heart Monitors	0	0	0	210,000	0	0
	Diesel Exhaust Source Capture System	0	0	0	90,000	0	0
	Emergency Call Stations with AED Access	0	0	0	100,000	100,000	0
	Certificate of Public Necessity Study	0	0	0	35,000	0	0
	Self Contained Breathing Apparatus	0	0	0	90,000	0	90,000
	Engine Co. 1 - Fully Equipped (Repl.)	0	0	0	0	750,000	0
	Training Center Renovations	0	0	0	0	20,000	20,000
	Lucas II Chest Compression Devices	0	0	0	0	48,000	48,000
	New Mobile Air Trailer	0	0	0	0	0	90,000
	CCEMS area upgrades at Fire Station #2	0	0	0	0	0	110,000
	EPIC Voice Amplifier	0	0	0	0	0	15,000
	Special Operations Response Vehicle	0	0	0	0	0	80,000
	Special Operations Trailers	0	0	0	0	0	150,000
	Multi-Force Training Doors	0	0	0	0	0	18,500
	Hazardous Identification Devices	0	0	0	0	0	125,000
	Live Fire Burn Trailer	0	0	0	0	0	155,000
TOTAL FIRE RESCUE		1,303,707	3,235,000	3,200,000	1,035,000	1,158,000	961,500

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Fire Station No. 1 Construction Project

DEPARTMENT: 08 Fire

FUND: 340 Capital Project Fund

PROJECT NUMBER: 15E15

CIP SCORE: 70

DEPT RANK: 1

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Fire Station No. 1 Construction / 835 8th Avenue South - City Hall Complex

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Fire Station No. 1 was built 22 years ago with residential grade materials and has reach the end of its useful life. It is not ADA compliant and was not built to withstand a significant wind or tidal surge. The plan is to rebuild on the current site including a community/multi-purpose room, separate housing and bathroom areas for on-duty personnel, commercial grade kitchen and living areas, an Emergency Operations Center and offices for Fire Administration and Fire Prevention. The square footage will increase from 7,500 SF to 20,000 SF. The Station will be built to architecturally match the community and to withstand potential flood waters and a Category 5 hurricane. The AD Morgan report of both Fire Station No.1 and CCEMS buildings cites issues that warrant new construction versus renovation.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	08	10	522	560200	\$ 2,860,000	\$ 2,755,000			
TOTAL COST					\$ 2,860,000	\$ 2,755,000	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Utilities and Normal Maintenance			\$ 10,000	\$ 10,000	\$ 15,000

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 2,860,000	\$ 2,755,000			
TOTAL	\$ 2,860,000	\$ 2,755,000	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Design	\$ 628,000	\$ 497,286	\$ 130,714
FY 2015-16 & Prior		\$ 400,000	\$ 117,700	\$ 282,300
Project to date				\$ 413,014

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2014

END: 9/1/2019

PREPARED BY: Fire Chief Pete DiMaria

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Fire Station No. 2 Renovations

DEPARTMENT: 08 Fire

FUND: 340 Capital Project Fund

PROJECT NUMBER: 16E22

CIP SCORE: 69

DEPT RANK: 2

PROJECT TYPE: Choose One:

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Fire Station No. 2 Renovations - Bay Project

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Fire Station No. 2 was last renovated in 2002, and has been undergoing renovations since 2016. The ongoing project has solved issues, such as the kitchen, bathrooms, additional bunkroom OSHA compliant bunker gear storage area. The AD Morgan report cites a need for new fixtures, circuit breakers and panel components. The HVAC system and under powered electrical systems are being designed for upgrades in this budget year which will solve those issues. The request in FY 17-18 year is to renovate the bays; designing new bays that will increase the space between apparatus to create a safer environment for personnel and apparatus.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	08	10	522	560200	\$ 300,000	\$ 350,000			
TOTAL COST					\$ 300,000	\$ 350,000	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

		\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 300,000	\$ 350,000			
TOTAL	\$ 300,000	\$ 350,000	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 250,000	\$ 180,000	\$ 70,000
FY 2015-16 & Prior		\$ 250,000	\$ 248,223	\$ 1,777
Project to date				\$ 71,777

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2015

END: 9/1/2019

PREPARED BY: Fire Chief Pete DiMaria

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: 800 MHz Portable Radios Replacements

DEPARTMENT: 08 Fire

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18E11

CIP SCORE: 19

DEPT RANK: 3

PROJECT TYPE: Replacement

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This is a 5-year fiscal plan for replacement of Fire-Rescue Department portable radios that has been increased to a 7 year plan to meet the demands of technology. The portable radios are beyond their published service life (5-7 years) and are no longer supported by the manufacturer, plus they are out of the provided warranty for repairs and this can be very expensive. This is a transition to new portable radios which are also in compliance with Collier County's criteria to move to P25 radio technology (phase 2).

PROJECT COST									
Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	08	10	522	560400	\$ 35,000				
TOTAL COST					\$ 35,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)					
FUNDING SOURCES					
	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 35,000				
TOTAL	\$ 35,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

*REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET				
STATUS:				
SUMMARY OF PRIOR ACTIVITY				
Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Purchased Portable Radios and placed in-service	\$ 35,000	\$ 32,117	\$ 2,883
FY 2015-16 & Prior	Purchased Portable Radios and placed in-service	\$ 60,000	\$ 59,354	\$ 646
Project to date				\$ 3,529

PROJECT START: MONTH/YEAR
10/1/2011

END: MONTH/YEAR
9/1/2018

PREPARED BY: Fire Chief Pete DiMaria

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Special Events Response Vehicle 2 (SERV 2)

DEPARTMENT: 08 Fire

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18E23

CIP SCORE: 66

DEPT RANK: 4

PROJECT TYPE: New

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Special Event Rescue Vehicle (SERV 2)

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request is for a second Special Events Response Vehicle (SERV) unit for the Fire-Rescue Department. This vehicle will be an ATV with rescue and medical equipment for special events. The demand for special events has increased each year with 71 SERV assignments in 2016, 20% of those assignments required more than one Fire-Rescue unit on the same day. When the current SERV unit is not in service it is used for beach and water rescues on the South side of the City. This second SERV unit will be stored at Fire Station 2 when not in service at an event and, with the addition of a beach rescue board, can be utilized for beach and water rescues on the North end of the City.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	08	10	522	560700	\$ 40,000				
TOTAL COST					\$ 40,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

General Maintenance			\$ 250	\$ 250	\$ 250

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 40,000				
TOTAL	\$ 40,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
				\$ -
				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 11/1/2017

END: 9/1/2018

PREPARED BY: Fire Chief Pete DiMaria



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**CAPITAL IMPROVEMENT PROJECTS
COMMUNITY SERVICES - PUBLIC SERVICE TAX FUND**

CIP NUMBER	PROJECT DESCRIPTION	Amended Budget 2016-17	Dept Request 2017-18	2018-19	2019-20	2020-21	2021-22
Landscaping/Parks & Parkways Continuing and New Projects							
18F03	Tree Fill In and Replacement Program	300,000	300,000	300,000	300,000	150,000	150,000
18F32	Landscape Median Restoration	125,000	75,000	75,000	75,000	75,000	75,000
18F01	Vehicle Replacement (2) - Pk/Pkwys	66,000	72,500	0	0	0	0
18F02	Small Equipment Replacement - Pk/Pkwys	70,800	55,300	0	0	0	0
Recreation Facilities Continuing and New Projects							
18G08	Vehicle Replacement (1) - Recreation	50,000	50,000	0	50,000	0	0
18G09	Fleischmann Park Improvements Projects	115,000	153,000	30,000	0	0	0
18G23	Skate Park Wooden Ramp Replacement and Renovation	0	50,000	70,000	50,000	25,000	25,000
18G24	River Park Improvements	0	30,000	80,000	90,000	15,000	0
18G25	Norris Center Improvements	0	190,000	15,000	20,000	0	0
18G21	Sea Gate Park Improvements	0	50,000	75,000	150,000	0	0
	Anthony Park Master Plan Development	0	0	50,000	1,500,000	1,500,000	0
	River Park Aquatic Center - Storage Area	0	0	20,000	0	0	0
	Cambier Pk & Fleischmann Pk Design Development	0	0	225,000	500,000	500,000	500,000
	Naples Preserve Kitchen and Bathroom Renovation	0	0	25,000	0	0	0
City Facilities Continuing and New Projects							
18I22	Parking Lot Maintenance	186,000	208,700	0	150,000	60,000	0
18I05	Vehicle(s) Replacement - Facilities (2)	90,000	65,000	0	0	0	0
18I01	City Hall Improvements	134,000	225,000	80,000	80,000	80,000	80,000
	Naples Landing – Ramp and Dock Renovation	205,000	0	325,000	75,000	0	0
	Police-Fire Administration Building - Facility Improv.	225,000	0	0	0	0	0
	Facility Painting (interior and exterior)	0	0	50,000	50,000	50,000	50,000
TOTAL COMMUNITY SERVICES DEPARTMENT		1,566,800	1,524,500	1,420,000	3,090,000	2,455,000	880,000

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Tree Fill-in and Replacement Program

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18F03

CIP SCORE: 35

DEPT RANK: 7

PROJECT TYPE: Replacement

VISION PLAN: Green Jewel of SW Florida

PROJECT DESCRIPTION/LOCATION:

Replacement of missing and diseased trees throughout the City.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Funding provides a continuation of tree replacement within the City. An estimated 350-700 trees per year will be planted, replacing missing trees and diseased trees. Trees have warranties for the first year and the price includes fertilization, water and replacement costs as required.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	13	572	560300	\$ 300,000	\$ 300,000	\$ 300,000	\$ 150,000	\$ 150,000
TOTAL COST					\$ 300,000	\$ 300,000	\$ 300,000	\$ 150,000	\$ 150,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Fertilization, water, etc.	\$ 7,000	\$ 7,000	\$ 7,000	\$ 3,500	\$ 3,500

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 300,000	\$ 300,000	\$ 300,000	\$ 150,000	\$ 150,000
TOTAL	\$ 300,000	\$ 300,000	\$ 300,000	\$ 150,000	\$ 150,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Out to bid, planting scheduled for Spring/Summer 2017	\$ 300,000		\$ 300,000
FY 2015-16 & Prior	Transferred to Gulf Shore Blvd North Landscaping	\$ 150,000		\$ 150,000
Project to date				\$ 450,000

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: H. Shields

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Landscape Median Restoration

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18F32

CIP SCORE: 37

DEPT RANK: 9

PROJECT TYPE: Ongoing Maintenance

VISION PLAN: Green Jewel of SW Florida

PROJECT DESCRIPTION/LOCATION:

Develop center medians on Anchor Rode Dr. between US41 and Binnacle Dr., as funding allows.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included. Done

Anchor Rode Dr. is an exceptionally wide Right of Way. Adding the landscaped median will enhance the entrance to the neighborhood similar to other main roads leading to and from US 41. Future funding will be used to replace plant material in existing medians.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	13	572	560300	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
TOTAL COST					\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
TOTAL	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Mooringline Dr restoration and mid-story tree removal/replant	\$ 125,000		\$ 125,000
FY 2015-16 & Prior	Golf Shore Blvd Median Project	\$ 500,000		\$ 500,000
Project to date				\$ 625,000

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/1/2018

PREPARED BY: H. Shields

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Vehicle Replacement - Parks & Parkways

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18F01

CIP SCORE: 41

DEPT RANK: 3

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replacement of two trucks in the Parks and Parkways division

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Vehicle # 84F208- 2002 F-350 truck and # 84E762-2007 E350 van are vehicles used daily by Parks and Parkways Division for irrigation repairs and daily maintenance at our beaches and landscaped medians. Vehicle # 84F208 has 62,100 miles with repair costs to date exceeding \$35,644. Vehicle # 84E762 has 48,886 miles with repair costs to date exceeding \$22,281.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	13	572	560700	\$ 72,500				
TOTAL COST					\$ 72,500	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 72,500				
TOTAL	\$ 72,500	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 2/1/2018

PREPARED BY: J. Hodgdon

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Small Equipment Replacement

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18F02

CIP SCORE: 41

DEPT RANK: 5

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replacement of small equipment utilized by the Parks and Parkways Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The following equipment requires replacement based on the recommendation of equipment services: 1) \$45,000 for Kubota tractor #84P050 (2000 tractor with repair costs to date exceeding \$32,206) 2) \$8,500 for self propelled walk behind spreader. (#84K292 2002 Lesco spreader will be replaced with repair costs exceeding \$2,500) 3) \$1,800 to replace 2001 boat trailer #84T108 with repair costs exceeding \$1,300.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	13	572	560400	\$ 55,300				
TOTAL COST					\$ 55,300	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 55,300				
TOTAL	\$ 55,300	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 2/1/2018

PREPARED BY: J. Hodgdon

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: River Park Passenger Van Replacement
DEPARTMENT: Community Services **FUND:** 340 Capital Project Fund
PROJECT NUMBER: 18G08 **CIP SCORE:** 41 **DEPT RANK:** 6
PROJECT TYPE: Replacement **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replacement of the River Park Passenger Van.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The River Park Ford E150 7-passenger van, vehicle #66E372 purchased 1/7/2003, with 41,735 miles and over \$18,773 in repair costs, is recommended for replacement in 2017-18 per safety and cost assessment by Equipment Services based on mileage, age, condition and maintenance history. This van is utilized for recreation camps, daily programs, program field trips and for other activities and programs and daily center transportation needs. The next replacement will be for the Norris Center Van in FY 2019-20.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	25	572	560700	\$ 50,000		\$ 50,000		
TOTAL COST					\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 50,000		\$ 50,000		
TOTAL	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 4/30/2018 **PREPARED BY:** M. Leslie

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Fleischmann Park Improvement Projects

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18G09

CIP SCORE: 75

DEPT RANK: 1

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replace stairs at Field House (\$30,000) and air conditioning at the Community Center.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

FY18 funding requests include \$123,000 to replace the air conditioning system at the community center. Funding (\$85,000) was appropriated in FY16 however the funding was not used due to conflicting engineering estimates and was returned to the Public Service Tax fund. An engineer evaluation of the conditions of the Fleischman Park Fieldhouse determined that the stairs need replacing. The engineers estimated cost is \$30,000. For FY19, Funds will be used to replace all interior metal doors (a total of 14 doors in classrooms and closets) which are approximately 15 years old and not repairable.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	25	572	560200	\$ 153,000	\$ 30,000			
TOTAL COST					\$ 153,000	\$ 30,000	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 30,000	\$ 30,000			
Fund Balance	\$ 123,000				
TOTAL	\$ 153,000	\$ 30,000	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior	Air conditioning replacement - funds were not spent	\$ 85,000	\$ -	\$ 85,000
Project to date				\$ 85,000

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/1/2018

PREPARED BY: J. Fox

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Skate Park Wooden Ramp Replacement and Renovation

DEPARTMENT: Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18G23

CIP SCORE: 72

DEPT RANK: 12

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replacement/Renovation of the large "plaza" and other wooden ramps in the Skate Park at Fleischmann Park.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Several of the wooden ramps in the Edge Johnny Nocera Skate Park need replacement/renovation due to wear and tear, weather and other deterioration issues. It has been recommended by the skate park ramp contractor and the Facilities Maintenance supervisor that the entire large wooden skate "plaza" be replaced for safety. This is a large structure with different sections, ramps, rails, etc., and is heavily used by members. The other smaller wooden ramps will need moderate renovations for safety and aesthetic reasons. Funding for FY 2018 through FY 2022 requested for continued replacement of parts and maintenance as required and a major ramp replacement in FY 2022.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	25	572	560200	\$ 50,000	\$ 70,000	\$ 50,000	\$ 25,000	\$ 25,000
TOTAL COST					\$ 50,000	\$ 70,000	\$ 50,000	\$ 25,000	\$ 25,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 50,000	\$ 70,000	\$ 50,000	\$ 25,000	\$ 25,000
TOTAL	\$ 50,000	\$ 70,000	\$ 50,000	\$ 25,000	\$ 25,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
----------------	--

SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: M. Leslie

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: River Park Community Center and Park Improvements

DEPARTMENT: 09 Community Services **FUND:** 340 Capital Project Fund

PROJECT NUMBER: 18G24 **CIP SCORE:** 69 **DEPT RANK:** 8

PROJECT TYPE: Replacement **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

FY18 - Fund improvements to the basketball surface, goals and the courts ADA ramp.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The River Park Community Center and park facilities require several improvements over the 5-year CIP. FY18: Rehabilitate the basketball court with a new surface, goals and improve ADA access to the court area. FY19: Replace dance floor \$50,000 and replace some fitness center equipment, \$30,000. FY20: Replace the remainder of fitness center equipment \$30,000 and complete improvements to basketball court airnasium structure \$60,000. FY21: Auditorium AV equipment replacement \$15,000

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	27	572	560200	\$ 30,000	\$ 50,000	\$ 60,000		
340	09	27	572	560400		\$ 30,000	\$ 30,000	\$ 15,000	
TOTAL COST					\$ 30,000	\$ 80,000	\$ 90,000	\$ 15,000	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 30,000	\$ 80,000	\$ 90,000	\$ 15,000	
TOTAL	\$ 30,000	\$ 80,000	\$ 90,000	\$ 15,000	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
----------------	--

SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/1/2018 **PREPARED BY:** D. Souza

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Norris Center Improvements

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18G25

CIP SCORE: 78

DEPT RANK: 10

PROJECT TYPE: New

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Reconstruct Norris Center courtyard to prevent stormwater from entering and damaging interior of the building.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Norris Center experiences water intrusion from the center courtyard during regular rain events. An engineering firm evaluated the problem in FY16 and concluded the finished courtyard elevation was constructed too high. This condition does not allow for drainage away from the building and in some areas, directs the water towards the building. This project requires the courtyard to be reconstructed at a lower elevation, repositioning drain lines, waterproofing at planter boxes. For FY19: Funds would be used to replace the bamboo flooring in the lobby and gallery, it has exceeded its amount of sanding/refinishing tolerance and will need to be replaced FY19. The existing wood floor would be replaced with a more durable wood grain tile providing a maintenance cost saving. FY20: Auditorium AV equipment replacement.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	26	572	560300	\$ 190,000	\$ 15,000	\$ 20,000		
TOTAL COST					\$ 190,000	\$ 15,000	\$ 20,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 190,000	\$ 15,000	\$ 20,000		
TOTAL	\$ 190,000	\$ 15,000	\$ 20,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: J. Fox

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Seagate Park Improvements

DEPARTMENT: Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18G26

CIP SCORE: 70

DEPT RANK: 11

PROJECT TYPE: Replacement

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Rehabilitate tennis courts at Seagate Park which have structural cracks and replace court fencing.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

FY18 funds will be used to rehabilitate existing tennis courts. FY19 includes proposed funding to develop a master plan for Seagate Park (\$25,000) and improve the restrooms (\$50,000) . Once the master plan is complete and adopted by City Council, other physical improvements can be initiated in FY20.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	63	572	560300	\$ 50,000	\$ 75,000	\$ 150,000		
TOTAL COST					\$ 50,000	\$ 75,000	\$ 150,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 50,000	\$ 75,000	\$ 150,000		
TOTAL	\$ 50,000	\$ 75,000	\$ 150,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: D. Souza

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Parking Lot Maintenance

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18I22

CIP SCORE: 68

DEPT RANK: 13

PROJECT TYPE: Ongoing Maintenance

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Maintenance and sealing of City owned surface parking lots.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The City owns multiple surface parking lots. This includes city parks, fire stations, City Hall, Riverside Circle, facilities, etc. Parking lots require periodic maintenance and sealing. This program allows for all City parking lots to be maintained and sealed over the next 4 years.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	17	519	560300	\$ 208,700	\$ -	\$ 150,000	\$ 60,000	
TOTAL COST					\$ 208,700	\$ -	\$ 150,000	\$ 60,000	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 208,700		\$ 150,000	\$ 60,000	
Other					
TOTAL	\$ 208,700	\$ -	\$ 150,000	\$ 60,000	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	Project has not started as of April but work will be proceeding during the summer months
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 247,500	\$ 247,500	\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2016

END: 9/1/2018

PREPARED BY: D. Souza

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Vehicle Replacement - Facilities Maintenance

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18105

CIP SCORE: 41

DEPT RANK: 2

PROJECT TYPE: Replacement

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

Replacement of two vehicles in the Facilities Maintenance Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Vehicle 61E158 is a 2001 Ford E-250 van utilized by Tradesworkers in the Facilities Maintenance Division to provide maintenance services to all City facilities. This vehicle has met Equipment Services 15-point criteria for replacement with a current mileage of 41,766 and repairs costs exceeding \$16,824. The replacement vehicle will be a Ford Transit that will be similar in size. Vehicle 61D299 is a 2002 F-150 Super cab utilized by the Facilities Maintenance Supervisor who provides supervision and oversight of the Facilities Maintenance Division. This vehicle has met the Equipment Services 15-point criteria for replacement with a current mileage of 70,770 with repair costs exceeding \$18,737. The replacement vehicle will be an extended cab F-150.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	17	519	560700	\$ 65,000				
TOTAL COST					\$ 65,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 65,000				
TOTAL	\$ 65,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 2/1/2018

PREPARED BY: T. Delashmet

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: City Hall Improvements

DEPARTMENT: 09 Community Services

FUND: 340 Capital Project Fund

PROJECT NUMBER: 18A01

CIP SCORE: 72

DEPT RANK: 8

PROJECT TYPE: Ongoing Maintenance

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Exterior painting including the metal storm grates, new carpet and audience chairs in City Council chambers and design services for other needed improvements at City Hall.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

There are sufficient improvement projects at City Hall to warrant an annual CIP appropriation for the next 5-years or, until necessary building renovations have been completed. FY18 projects include: exterior painting (excluding coral tiles) for \$120,000, replacement of carpet and audience seats in City Council chambers for \$80,000 and design services for grout and tile repair for the exterior and interior coral tiles and evaluation of City Council chambers HVAC system for \$25,000. Staff recommends budgeting \$80-100,000 for FY19-FY22 in anticipation of needed repairs including: lighting upgrades, atrium renovations, remodeling in various offices, interior painting, HVAC upgrades for City Council chambers, restroom and breakroom improvements, etc.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
340	09	27	572	560200	\$ 225,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
TOTAL COST					\$ 225,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 225,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
TOTAL	\$ 225,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Carpet Replacement - City Hall Main Building	\$ 134,000	\$ 134,000	\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: D. Souza



CAPITAL IMPROVEMENTS PROGRAM WATER SEWER FUND

The projects scheduled for the next five years for the Water Sewer Fund (Fund 420) are identified on the following pages. Departmental requests planned to begin in Fiscal Year 2017-18 are presented on individual project sheets with cost details. Projects for Fiscal Years 2018-19 and beyond do not have capital project sheets.

Projects in the Water and Sewer Fund are funded primarily by the rates paid by water, sewer and irrigation customers. Retained earnings, impact fees, grants and special assessments are other sources of revenue for water and sewer projects. The first year of the FY 2018-22 CIP is \$17.5 million and the five-year request total is \$46.7 million.

City Council adopted the Integrated Water Resources Plan on October 1, 2008, to provide a sustainable water supply source for a 20-year planning period. Upon adoption of the plan, City Council provided strategic direction for the development of future water supply and storage facilities to include aquifer storage and recovery (ASR), use of water from the Golden Gate Canal supplemented by available stormwater, and, if ultimately deemed necessary, the development of brackish groundwater wells with treatment by a new reverse osmosis water treatment plant. An ASR Wellfield has been developed on Riverside Circle that consists of four ASR wells with the fourth well being constructed and completed in 2016. The ASR wells are used to store excess plant effluent and water from the Golden Gate Canal during the wet season to supplement the reclaimed water system during the dry season.

On February 19, 2014, City Council provided direction to proceed with a plan to expand the reclaimed water system in Zones 1-4 identified in the 2013 Preliminary Engineering Report allocating \$3.0 million per year for three years. This decision was based on the 2013 Water Sewer and Reclaimed Rate Study that recommended structural modifications to the reclaimed water rates.

On September 7, 2016, City Council awarded a \$1,722,620 construction contract to construct the 3rd and final year of the three-year reclaimed water expansion project (T-4 Option; Phase 5) expanding the reclaimed water system along Banyan Boulevard west to Gulf Shore Boulevard North, Harbour Drive east of Crayton Road to US 41 and on Crayton Road between Harbour Drive and Park Shore Drive. This project is estimated to be completed by August 2017. After the completion of the final phase of the reclaimed system expansion, City staff will go back to City Council to determine if additional expansion is necessary.

In September 2015 and in January 2016, City and County staff met to discuss the possibility of a joint project to design and construct a City sanitary sewer system in conjunction with Collier County stormwater improvements along Cooper Drive, Illinois Drive and Ridge Street within the City's Sanitary Sewer Service Area. The County has received stormwater complaints from the residents along these streets about flooding and malfunctioning septic tanks during the rainy season. It is believed that elimination of the on-site septic systems would be beneficial in reducing the environmental impact on the stormwater quality.

On February 17, 2016, City Council provided consensus to move forward with planning and design of a joint project with Collier County to provide Sewer improvements to the aforementioned areas. The FY 2017-18 CIP budget includes \$6.0 million for the construction and administration services to install Sanitary Sewer Systems within areas 4 and 5 identified within the 2006 Unsewered Master Plan. Construction activities are intended to be executed in conjunction with

Collier County stormwater improvements as a joint project. There are 340 total properties within Areas 4 and 5 that would be assessed for the installation of the sanitary sewer system (Project funded by Special Assessment).

The five-year CIP plan includes an increase of \$3.0 million per year for water distribution system improvements. Improvements will include water main upgrades, hydrant installations, service line replacements, and the addition of main line loops in an effort to increase the level of service.

The other projects listed in this section relate to replacements needed to maintain existing service and infrastructure.

WATER AND SEWER FUND - FUND 420
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Working Capital	25,938,605	22,951,007	12,937,733	13,069,766	14,304,174	16,049,310
Estimated Revenues						
Water Revenue	16,772,900	17,108,358	17,450,525	17,799,536	18,155,526	18,518,637
Sewer Revenue	14,473,000	14,762,460	15,057,709	15,358,863	15,666,041	15,979,361
New Assessment	0	165,000	165,000	165,000	165,000	165,000
Bembury Assessment	74,017	74,000	74,000	74,000	74,000	52,800
Non Operating	931,500	732,550	732,550	732,550	732,550	732,550
Total Revenues	32,251,417	32,842,368	33,479,784	34,129,949	34,793,117	35,448,348
Estimated Expenditures						
Personal Services	7,745,868	7,978,244	8,137,800	8,300,600	8,466,600	8,635,900
Operating Expenses	14,213,265	14,355,398	14,498,952	14,643,941	14,790,381	14,938,284
Debt Services/Other	2,972,882	3,032,000	2,728,000	2,416,000	2,096,000	1,768,000
Total Expenditures	24,932,015	25,365,642	25,364,752	25,360,541	25,352,981	25,342,184
Net Income before Capital	7,319,402	7,476,726	8,115,033	8,769,408	9,440,136	10,106,164
Available for Capital Projects	33,258,007	30,427,733	21,052,766	21,839,174	23,744,310	26,155,474
CIP Requests (from List)	10,307,000	17,490,000	7,983,000	7,535,000	7,695,000	5,965,000

CAPITAL IMPROVEMENT PROJECTS WATER SEWER FUND 420

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	DEPT REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
Water Production							
18K10	Filter Bed Replacement (2 per year)	200,000	200,000	200,000	200,000	200,000	200,000
17K14	Accelerator Improvements	25,000	330,000	330,000	330,000	0	0
18K18	Washwater Transfer Sludge Pumps	0	30,000	0	30,000	0	30,000
18K19	Slaker Replacement	0	350,000	0	0	0	0
	Influent Mag Flow Meter	0	0	40,000	0	40,000	40,000
	Flume Improvements	0	0	88,000	0	0	0
	High Service Pump (HSP) Improvements	0	0	100,000	100,000	100,000	100,000
	Chlorine Scrubber System Replacement	0	0	150,000	0	0	0
	Delroyd Gear Box Rebuilds	0	0	0	45,000	45,000	45,000
	Filter Awnings Replacements	0	0	0	25,000	120,000	120,000
	Anionic Polymer Feed System Replacement	0	0	0	50,000	0	0
	Electrical Upgrades - MCC & Generator Controls	0	0	0	50,000	400,000	0
	Golden Gate Well 426	0	0	0	0	85,000	600,000
17K06	Well 1A Engine/Pump Replacement	75,000	0	0	0	0	0
17K07	Service Truck Replacement	27,000	0	0	0	0	30,000
TOTAL WATER PRODUCTION		327,000	910,000	908,000	830,000	990,000	1,165,000
Water Distribution							
18L02	Water Transmission Mains	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	2,000,000
18L06	Service Truck Replacement (1)	130,000	70,000	70,000	70,000	70,000	70,000
	G.G Blvd Expansion (Everglades Blvd to Desoto)	0	0	250,000	0	0	0
	Valve Maintenance Equipment	0	0	60,000	0	0	0
	Traffic Arrow Board Replacement (2)	0	0	30,000	0	0	0
	Insta-Valve Equipment Purchase	0	0	0	75,000	0	0
	Dump Truck Replacement	0	0	0	0	120,000	0
TOTAL WATER DISTRIBUTION		2,130,000	3,070,000	3,410,000	3,145,000	3,190,000	2,070,000
Wastewater Treatment							
18M02	Filter 3 Rehabilitation	500,000	750,000	0	0	0	0
18M07	WWTP Pumps	100,000	150,000	150,000	150,000	150,000	150,000
18M25	Infrastructure Repairs	190,000	180,000	120,000	100,000	100,000	100,000
18M28	Generator Improvements	0	60,000	250,000	0	0	0
18M29	Clarifier Improvements	0	100,000	100,000	150,000	0	0
	Service Truck Replacement	0	0	0	0	30,000	0
	SCADA Improvements	0	0	100,000	0	0	0
	Chlorine System Expansion	0	0	0	100,000	0	0
	Belt Filter Press Conveyor Replacement	0	0	70,000	200,000	100,000	0
	Final Treatment Expansion	0	0	0	0	0	50,000
17M01	PLC Replacements	400,000	0	0	0	0	0
TOTAL WASTEWATER TREATMENT		1,190,000	1,240,000	790,000	700,000	380,000	300,000
Wastewater Collections							
18N04	Replace Sewer Mains, Laterals, etc.	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
18N11	Service Truck Replacement (1)	70,000	45,000	70,000	70,000	70,000	70,000
18N13	Vacuum/Pumper Truck Replacement	0	225,000	0	0	0	0
18N14	Light Tower Replacements (2)	0	30,000	0	0	0	0
18N15	Cement Sprayer (F/Manhole Rehabs)	0	80,000	0	0	0	0
17N12	Sewer Improvements (Assessments)	400,000	6,000,000	0	0	0	0
	Box blade Tractor Replacement	0	0	55,000	0	0	0
	Dump Truck Replacement	0	0	120,000	0	0	0
	Large Truck Awning (Design and Installation)	0	0	100,000	0	0	0
	Combination Jet/Vacuum Truck (Repl)	0	0	0	300,000	0	0
	High Velocity Jet Truck Replacement	0	0	0	0	250,000	0
17N10	Dewatering Pump	50,000	0	0	0	55,000	0
TOTAL WASTEWATER COLLECTIONS		1,520,000	7,380,000	1,345,000	1,370,000	1,375,000	1,070,000

CAPITAL IMPROVEMENT PROJECTS WATER SEWER FUND 420

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	DEPT REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
Utilities Maintenance							
18X01	Replace/Upgrade Remote Pumping Facilities	250,000	300,000	250,000	250,000	150,000	150,000
18X04	Replace Submersible Pumps	150,000	150,000	150,000	150,000	150,000	150,000
18X02	Pump Stations Improvements	400,000	300,000	300,000	300,000	300,000	300,000
18X07	Power Service Control Panels	300,000	300,000	300,000	300,000	300,000	300,000
18X05	Service Truck Replacement (1)	140,000	90,000	90,000	90,000	70,000	70,000
18X21	Handheld Radio Replacements	0	160,000	0	0	0	0
18X22	Generator Replacements	0	150,000	150,000	150,000	150,000	150,000
18X23	Paving of parking areas	0	240,000	0	0	0	0
	Odor Control Systems	0	0	40,000	0	40,000	40,000
	Irrigation System Control Valves	0	0	50,000	50,000	50,000	0
	Telemetry Upgrades/Improvements (Sewer PS)	0	0	0	0	325,000	0
18X19	Alternative Pumping Improvements	400,000	0	0	0	0	0
16X11	Master Pump Station Construction (9 & 10)	400,000	0	0	0	0	0
TOTAL UTILITIES MAINTENANCE		2,040,000	1,690,000	1,330,000	1,290,000	1,535,000	1,160,000
Utilities/Finance/Customer Service							
	Meter Reading Truck Replacement	0	0	0	0	25,000	0
TOTAL CUSTOMER SERVICE		0	0	0	0	25,000	0
IWRP (Integrated Water Resource Plan)							
18K58	Reclaimed Water Distribution System (Phase 5)	3,000,000	3,000,000	0	0	0	0
18K59	Reclaimed Water Transmission Mains	100,000	200,000	200,000	200,000	200,000	200,000
TOTAL IWRP		3,100,000	3,200,000	200,000	200,000	200,000	200,000
FUND TOTAL		10,307,000	17,490,000	7,983,000	7,535,000	7,695,000	5,965,000

Five Year Total

46,668,000

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Filter Bed Replacement - Water Plant

DEPARTMENT: 20 Utilities Water Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 17K14

CIP SCORE: 54

DEPT RANK: 11

PROJECT TYPE: Replacement

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

This request includes the removal and replacement of gravel, sand and anthracite material located within each filter located at the Water Plant.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The 12 filter beds located at the Water Plant use layers of gravel, anthracite, and sand to remove particulate from the water prior to entry into the distribution system. Though backwashing the filters on a regular basis can extend the life of the filter media, it has been over 10 years since this media was replaced. This project will account for the removal of all existing materials down to the tiles and include replacement of the layers of gravel, sand, and anthracite per manufacturer's specifications. Project also includes descaling of the tiles, pressure washing the filter walls, and protective coating applications. The funding allocations listed within this request will accommodate two (2) filters to be completed each year until all filters have been addressed.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	33	533	560300	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
TOTAL COST					\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17K10	\$ 200,000	\$ 179,400	\$ 20,600
FY 2015-16 & Prior	CIP 16K10	\$ 100,000	\$ 91,680	\$ 8,320
Project to date				\$ 28,920

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Accelator Improvements - Water Plant

DEPARTMENT: 20 Utilities Water Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 17K14

CIP SCORE: 54

DEPT RANK: 8

PROJECT TYPE: Replacement

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

This request will consist of improvements to each of the three (3) accelators located at the Water Plant. Improvements will include, but not be limited to, trough replacements and the installation of tank liners.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The three accelators located at the Water Plant have been in service since the 1970's. These units aide in settling solids and chemical mixing in regards to the treatment process. The accelators contain a system of 14 troughs (effluent launders) and center rings (drafts) that are constructed of steel. Over time, corrosion has occurred, creating holes and compromising the integrity of the structures. Spot welding and fabricated steel plates (for larger areas) are often required in order to address the deterioration. The troughs and center rings have met their useful life, and staff is recommending replacement of these structures with fiberglass and suitable materials in order to extend the life of the accelators. Design services required to assist in replacement is being completed during FY 2016-17. FY 2017-18 through FY 2019-20 includes \$330,000 per year for the replacement of troughs and installation of a tank liner in each accelator (1 accelator per year).

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	33	533	560300	\$ 330,000	\$ 330,000	\$ 330,000		
TOTAL COST					\$ 330,000	\$ 330,000	\$ 330,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 330,000	\$ 330,000	\$ 330,000		
TOTAL	\$ 330,000	\$ 330,000	\$ 330,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17K14	\$ 25,000	\$ 25,000	\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/30/2018

PREPARED BY: Ben Copeland

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Washwater Transfer Pumps - Water Plant

DEPARTMENT: 20 Utilities Water Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 18K18

CIP SCORE: 57

DEPT RANK: 19

PROJECT TYPE: Replacement

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

Replacement of the Water Plant's transfer station pumps and sludge pumps.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The primary purpose of the transfer pumps is to move sludge throughout the dewatering process at the Water Plant. The materials that are transferred by these pumps are very abrasive to the equipment which necessitates replacement on a regular basis in order to eliminate breakdown and loss of water production capacity. These pumps range in size from 5-40 HP. Two pumps are scheduled every other year for routine replacement. FY 2018 is scheduled for the replacement of two 20 HP pumps at \$15,000 each. Future years have been budgeted at a level of effort for transfer pump replacements.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	33	533	560400	\$ 30,000		\$ 30,000		\$ 30,000
TOTAL COST					\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 30,000		\$ 30,000		\$ 30,000
TOTAL	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 30,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior	CIP 15K20	\$ 30,000	\$ 27,194	\$ 2,806
Project to date				\$ 2,806

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Slaker Improvements - Water Plant

DEPARTMENT: 20 Utilities Water Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 18K19

CIP SCORE: 54

DEPT RANK: 12

PROJECT TYPE: Replacement

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

This project will accommodate the replacement of two Coffman Lime Slakers located at the Water Plant.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Water Treatment Plant operates four (4) lime slakers that are used to convert pebble lime into a lime slurry for purposes of maintaining water quality standards; raising the pH and aiding in the softening, coagulation and flocculation processes. The two newer units are manufactured by Merrick (Penn) and were installed in 2000. These units have proven to be very reliable and cost effective. The other two slakers are manufactured by Coffman and were installed in 1996. These units have met their useful life and have experienced increases in maintenance cost as a result of control panel components and spare parts becoming obsolete and difficult to obtain. This request for FY 2017-18 will replace both of the Coffman lime slakers with Merrick (Penn) Slakers in order to standardize and maximize operational efficiency.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	33	533	560400	\$ 350,000				
TOTAL COST					\$ 350,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 350,000				
TOTAL	\$ 350,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Water Transmission Mains - Water Distribution

DEPARTMENT: 20 Utilities Water Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 18L02

CIP SCORE: 71

DEPT RANK: 1

PROJECT TYPE: Ongoing Mainten

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

To provide construction and any applicable design services that may be required to the potable water system with respect to expansion, looping, and upgrade improvements; project also includes, but is not limited to, the installation and upgrades to fire hydrants.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This is a recurring project dictated by the Water Master Plan and upgrades to the system based on development. **\$100,000** - Large Meter Replacement: For meters 3-inches and larger that do not pass the annual water meter test as described by the AWWA. **\$2,800,000** - Funds for FY 2017-18 are being budgeted as a level of effort to target the replacement of water mains and service lines that were identified due to age, having hydraulic issues, or as identified in the hydraulic model to be replaced. Watermain replacements within the Seagate neighborhood is currently being targeted for FY 2017-18. **\$100,000** - For repairing large valves located within the distribution system and unexpected emergency repairs. The valve repairs are anticipated to consist of major excavation and dewatering activities that are outside the scope of in-house operations.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	34	533	560300	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 2,000,000
TOTAL COST					\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 2,000,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 2,000,000
TOTAL	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 2,000,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17L02	\$ 2,000,000	\$ 2,000,000	\$ -
FY 2015-16 & Prior	CIP 16L02	\$ 1,189,200	\$ 1,188,495	\$ 705
Project to date				\$ 705

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/30/2018

PREPARED BY: Ben Copeland

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Service Truck Replacement (1) - Water Distribution

DEPARTMENT: 20 Utilities Water Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18L06 **CIP SCORE:** 36 **DEPT RANK:** 25

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request is for the replacement of one (1) service vehicle for the Water Distribution Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request is for the replacement of one service vehicle for the Water Distribution Division that is used for coordinating field repairs and executing maintenance of the water distribution system. The vehicle scheduled to be replaced is vehicle 92F882 (2008 Ford F450 Service Body with Crane), current mileage is 93,098, maintenance costs Life-To-Date: \$45,498. The vehicle has met Equipment Services replacement criteria. Staff intends to purchase a similar service vehicle that will meet the demands of the department. Future years are projected for the ongoing replacement of service trucks within the Water Distribution division (1 vehicle per year).

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	34	533	560700	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
TOTAL COST					\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
TOTAL	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17L06	\$ 130,000	\$ 130,000	\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Filter No. 3 Rehabilitation - Wastewater Treatment Plant

DEPARTMENT: 30 Utilities Sewer Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 18M02

CIP SCORE: 54

DEPT RANK: 9

PROJECT TYPE: Ongoing Mainten

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

This project is intended to replace the major components of Filter No. 3 at the Wastewater Treatment Plant. **NOTE - This project was budgeted during FY 2016-17. Due to design services being required for rehabilitation and scheduling requirements for actual construction, this request has been deferred to FY 2017-18.**

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Wastewater Treatment Plant has three (3) automatic backwash filters that are responsible for enhancing the water quality of the treated effluent as required by the FDEP plant operating permit to meet the reclaimed water quality requirements. Since the completion of the Golden Gate Canal Pump Station, the filters may treat up to an additional 10 million gallons per day. The addition of the Golden Gate Canal flow will more than double the hydraulic load to the filters. Filters 1 & 2 are approximately 30 years old and were rehabilitated in 2013. Filter 3 was installed during the 2000 plant expansion and has been in operation in excess of 15 years without major improvements. With the addition of multiple sources of supplemental water, the filtering capacity needs to be maintained. Due to the original equipment manufacturer (Agency Environmental) going out of business, the project will include fabrication and full replacement of the major filter components including porous plates, cell dividers, filter media and the bridge carriage assembly within Filter No. 3.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	42	535	560300	\$ 750,000				
TOTAL COST					\$ 750,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 750,000				
TOTAL	\$ 750,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17M02	\$ 500,000	\$ -	\$ 500,000
FY 2015-16 & Prior	CIP 13M25 (Filters 1 and 2)	\$ 500,000	\$ 499,116	\$ 884
Project to date				\$ 500,884

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Wastewater Treatment Plant Pumps

DEPARTMENT: 30 Utilities Sewer Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 18M07

CIP SCORE: 55

DEPT RANK: 10

PROJECT TYPE: Replacement

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

Pump and motor replacements for the Wastewater Treatment Plant. All pump and motor replacements, including design and electrical modifications, associated with the facility's operations will be covered under this CIP.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request will accommodate the ongoing replacement of pumps and motors that have met their useful life and cannot be rebuilt within the Wastewater Treatment Plant. The cost of the pumps and motors within the Wastewater Plant range from \$15,000 to \$75,000 each (50HP - 600 HP). FY 2018 will allocate funding for the replacement of multiple pumps and motors throughout the facility. Future years are projected for the on-going replacement of pumps and motors and based on the update to the reclaimed system hydraulic model.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	42	535	560400	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
TOTAL COST					\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
TOTAL	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17M07	\$ 100,000	\$ 100,000	\$ -
FY 2015-16 & Prior	CIP 16M07	\$ 250,000	\$ 220,082	\$ 29,918
Project to date				\$ 29,918

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Infrastructure Repairs - Wastewater Treatment Plant

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18M25 **CIP SCORE:** 54 **DEPT RANK:** 18

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This project is intended to provide funds for on-going infrastructure improvements and necessary equipment replacements for the Wastewater Treatment Plant.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This project includes funding (\$100,000) for the Final Phase of the Sludge Blanket Monitoring project which is intended to enhance the plant efficiencies and operations. Phases 1 and 2 were completed in FY 2016-17. The project also includes funding (\$80,000) for the installation of thermal flow monitoring devices to be installed on the aeration system to monitor air flow rates critical to the operation of the Treatment Plant. Future years will also allocate funding for belt filter press fan replacements, laboratory cabinets and counter replacements. This project is also intended to address any unforeseen improvements that may be required within the facility.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	42	535	560300	\$ 180,000	\$ 120,000	\$ 100,000	\$ 100,000	\$ 100,000
TOTAL COST					\$ 180,000	\$ 120,000	\$ 100,000	\$ 100,000	\$ 100,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 180,000	\$ 120,000	\$ 100,000	\$ 100,000	\$ 100,000
TOTAL	\$ 180,000	\$ 120,000	\$ 100,000	\$ 100,000	\$ 100,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17M25	\$ 190,000	\$ 90,000	\$ 100,000
FY 2015-16 & Prior	CIP 16M25	\$ 360,000	\$ 349,825	\$ 10,175
Project to date				\$ 110,175

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Generator Improvements - Wastewater Treatment Plant

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18M28 **CIP SCORE:** 47 **DEPT RANK:** 16

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This project is intended to provide for the design of a replacement switchgear for Generator # 1 located at the Wastewater Treatment Plant.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The project includes funding **(\$60,000)** for the design of the replacement switchgear of Generator #1 located at the Wastewater Treatment Plant. The existing switchgear has been in service since 1972 and is outdated and due for replacement. Generator #1 provides alternative power for the reclaimed water distribution pumps, effluent transfer pumps (to storage), return activated sludge pumps, on-site lift station, motor operated valves, and multiple metering devices. FY 2018 will provide funding for the actual replacement of Generator #1 switchgear.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	42	535	560300	\$ 60,000	\$ 250,000			
TOTAL COST					\$ 60,000	\$ 250,000	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 60,000	\$ 250,000			
TOTAL	\$ 60,000	\$ 250,000	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Clarifier Improvements - Wastewater Treatment Plant

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18M29 **CIP SCORE:** 45 **DEPT RANK:** 21

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This project is intended to provide for the rehabilitation of two of the six treatment clarifiers located at the Wastewater Treatment Plant.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The project provides funding (\$100,000) for improvements to two of the facility's six treatment clarifiers. The clarifiers have been in service since 1984 and are in need of refurbishment. This project will include the preparation, sealing, and coating of internal and external concrete surfaces for two clarifiers during FY 2017-18. The clarifiers will be mechanically inspected and any minor repairs will be completed. Future budget allocations are provided to accommodate the remaining four clarifiers (completing two clarifiers per year). FY 2019-20 has been increased by \$50,000 due to the diameter of clarifiers 5 and 6 having a greater diameter in tank size; requiring a greater level of services for rehabilitation.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	42	535	560300	\$ 100,000	\$ 100,000	\$ 150,000		
TOTAL COST					\$ 100,000	\$ 100,000	\$ 150,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 100,000	\$ 100,000	\$ 150,000		
TOTAL	\$ 100,000	\$ 100,000	\$ 150,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Replace Sewer Mains, Laterals and Manholes - Wastewater Collections

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18N04 **CIP SCORE:** 71 **DEPT RANK:** 3

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

To provide construction and any applicable design services that may be required to the sewer collections system with respect to sewer mains, laterals, and manholes.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This project is an on-going program to repair and/or replace large sewer lines, laterals, valves, and manholes throughout the wastewater collection system. These projects involve either lining or excavation and replacement of lines that have structural failures that allow infiltration of groundwater, silt, and sand into the City's collection lines.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	43	535	560300	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
TOTAL COST					\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
TOTAL	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17N04	\$ 1,000,000	\$ 1,000,000	\$ -
FY 2015-16 & Prior	CIP 16N04	\$ 500,000	\$ 462,121	\$ 37,879
Project to date				\$ 37,879

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Service Truck Replacement (1) - Wastewater Collections

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18N11 **CIP SCORE:** 36 **DEPT RANK:** 24

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request is for the replacement of one service vehicle for the Wastewater Collections Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request is for the replacement of one service vehicle for the Wastewater Collections Division that is used for coordinating field repairs, locating utilities, and executing maintenance of the sewer collections system. The vehicle scheduled to be replaced is vehicle 93E816 (2008 Ford E250 Utility Van), current mileage is 58,578, maintenance costs Life-To-Date: \$17,450. This vehicle has met Equipment Services replacement criteria. Staff intends to purchase a similar service vehicle that will meet the demands of the department. Future years are projected for the ongoing replacement of service trucks within the Wastewater Collections division (1 vehicle per year).

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	43	535	560700	\$ 45,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
TOTAL COST					\$ 45,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 45,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
TOTAL	\$ 45,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17N11	\$ 70,000	\$ 70,000	\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Vacuum/Pumper Truck Replacement - Wastewater Collections

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18N13 **CIP SCORE:** 36 **DEPT RANK:** 17

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request is for the replacement of one (1) vacuum/pumper truck within the Wastewater Collections division during FY 2017-18.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Wastewater Collections division owns and operates two large vacuum/pumper trucks (4,000 gallon capacity per truck) for daily repairs and the maintenance of the sewer collections system. The truck to be replaced during FY 2017-18 is vehicle 931499 (2004 Sterling 4,000 Gallon Pumper Truck) and has met Equipment Services replacement criteria. Due to age, the truck is currently suffering from body and tank deterioration. The current mileage is 15,625 (680 engine hours); maintenance costs Life-To-Date: \$55,779. Staff intends to purchase a similar service vehicle that will meet the demands of the department. FY 2015-16, the first of the two trucks was replaced. This request is being budgeted for the replacement of the 2nd truck in operation within the Wastewater Collections division.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	43	535	560700	\$ 225,000				
TOTAL COST					\$ 225,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 225,000				
TOTAL	\$ 225,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	NA			\$ -
FY 2015-16 & Prior	CIP 16N03	\$ 214,500	\$ 214,420	\$ 80
Project to date				\$ 80

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Light Tower Replacements (2) - Wastewater Collections

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18N14 **CIP SCORE:** 30 **DEPT RANK:** 26

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

Replacement of two (2) portable (tow-behind) light towers for the Wastewater Collections and Water Distribution divisions.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Wastewater Collections and Water Distribution divisions each own and operate portable light towers for executing maintenance and repair activities during night-time emergencies. Both of the existing units have reached their useful life and are in need of replacement. These units have also met Equipment Services replacement criteria. The 1st unit scheduled to be replaced is equipment 93T947 (1999 Light Tower). The current hours are approximately 289. Maintenance Costs Life-To-Date: \$3,582. The 2nd unit scheduled to be replaced is equipment 92T663 (2007 Light Tower). The current hours are 541. Maintenance Costs Life-To-Date: \$4,220. Staff intends to purchase similar units that will meet the demands of the department. Replacement units are estimated to cost \$15,000 each.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	43	535	560400	\$ 30,000				
TOTAL COST					\$ 30,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 30,000				
TOTAL	\$ 30,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Cement Sprayer for Manhole Rehabs - Wastewater Collections

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18N15 **CIP SCORE:** 39 **DEPT RANK:** 20

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

Replacement of a cement sprayer for the Wastewater Collections division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Wastewater Collections division owns and operates a cement sprayer for rehabilitating and applying new cementitious coatings to manholes within the sewer collections system. These operations extend the life and integrity of the structures and reduce inflow and infiltration to the collections system. The existing unit has reached it's useful life and is in need of replacement. This unit has also met Equipment Services replacement criteria. The unit scheduled to be replaced is equipment 93W602 (1996 *Strongseal* Cement Sprayer). The current hours are approximately 594. Maintenance Costs Life-To-Date: \$39,230. Staff intends to purchase a similar unit that will meet the demands of the department. A replacement unit is estimated to cost \$80,000.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	43	535	560400	\$ 80,000				
TOTAL COST					\$ 80,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 80,000				
TOTAL	\$ 80,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Installation of Sanitary Sewer Systems - Wastewater Collections

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 17N12 **CIP SCORE:** 71 **DEPT RANK:** 2

PROJECT TYPE: New **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request is for the installation of Sanitary Sewer Systems within Areas 4 and 5 identified within the 2006 Unsewered Master Plan.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request includes funding for construction and administration services to install Sanitary Sewer Systems within areas 4 and 5 identified within the 2006 Unsewered Master Plan. These areas are located between Goodlette-Frank Road and US 41, north of Ridge Street and south of Cypress Woods Drive. Construction activities are intended to be executed in conjunction with Collier County stormwater improvements as a joint project. There are 340 total properties within Areas 4 and 5 that would be assessed for the installation of the sanitary sewer system (Project funded by Special Assessment). Construction estimates are based on data provided in the Unsewered Master Plan.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	30	43	535	560300	\$ 6,000,000				
TOTAL COST					\$ 6,000,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 6,000,000				
TOTAL	\$ 6,000,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17N12 (expenditure anticipated for design)	\$ 3,000,000	\$ 400,000	\$ 2,600,000
FY 2015-16 & Prior				\$ -
Project to date				\$ 2,600,000

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Replace/Upgrade Equipment for Remote Pumping Facilities - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X01 **CIP SCORE:** 57 **DEPT RANK:** 4

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This project is intended for the replacement of equipment including pumps, motors, control valves, meters, and electrical services for the Coastal Ridge and Golden Gate Wellfields, including the remote pumping facilities. In addition, this project is intended to replace five wellheads within the Coastal Ridge wellfield during FY 2018.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The routine replacement of well pumps and motors is essential to maintaining raw water production from the wellfields. The average useful life of a submersible pump and motor is 5 to 10 years. The average cost for a pump/motor replacement combination is: \$6,500 for a 20HP unit to \$16,000 for a 75HP unit. The Coastal Ridge wells are 20HP, and the Golden Gate Wells are 40HP, 60HP, & 75 HP units. This project also provides funds for control valve replacements, electrical service upgrades, well head replacements, meter replacements, telemetry upgrades/components, and any other material or services that may be required to maintain the well fields and remote pumping facilities. This project also allocates funding to replace five wellheads per year within the Coastal Ridge wellfield through 2019-20. Wellhead replacements are estimated to cost \$15,000 each.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560400	\$ 300,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000
TOTAL COST					\$ 300,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 300,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000
TOTAL	\$ 300,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17X01	\$ 250,000	\$ 250,000	\$ -
FY 2015-16 & Prior	CIP 16X01	\$ 250,000	\$ 244,330	\$ 5,670
Project to date				\$ 5,670

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Kevin Swisher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Replace Submersible Pumps - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X04 **CIP SCORE:** 74 **DEPT RANK:** 13

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This project is for the on-going replacements of submersible pumps located in the City's wastewater pump stations.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Many of the City's submersible pumps are 15 to 25+ years old and have not been manufactured for over 10 years. The stator housings are so worn from deterioration, that many of the units can no longer be repaired. This is an on-going project to assure continued and efficient operation through scheduled replacements. The City operates 117 submersible pump stations in our wastewater system, with each site containing two to three pumps per site. Required pump replacement units range in cost from \$3,500 to \$18,000 per unit depending on horsepower rating. These pumps are also being used to convert dry pit and can station pumps which are obsolete and inefficient.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560400	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
TOTAL COST					\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
TOTAL	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17X04	\$ 150,000	\$ 150,000	\$ -
FY 2015-16 & Prior	CIP 16X04	\$ 150,000	\$ 114,584	\$ 35,416
Project to date				\$ 35,416

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Kevin Swisher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Pump Station Improvements - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X02 **CIP SCORE:** 79 **DEPT RANK:** 6

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

Providing upgrades and rehab improvements to at least one sewer pump station within the City's sewer collections system on an annual basis. The project will consist of potential design services, wet well improvements, wet well lining, installation of new pumps, modifying pipe works, replacing valves, and structure upgrades.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

These improvements will enhance operating efficiencies and improve safety for required maintenance activities on sewer pump stations. This project will improve antiquated sewer pump stations with current controls, piping, electrical services, and new communication equipment in order to operate more efficiently. The project will also include wet well lining services that are intended to reduce infiltration and bring deteriorated and leaking pump station wet wells back to their original structural integrity. This project is intended to have the flexibility to target improvements for stations that will be in the best interests of the City. Locations for selected improvements are determined on an annual basis and are evaluated based on site conditions, cost, development, and department priorities that tend to arise each year. Future years are intended to address one to two stations per year pending site conditions.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560300	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
TOTAL COST					\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
TOTAL	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17X02	\$ 400,000	\$ 400,000	\$ -
FY 2015-16 & Prior	CIP 16X02	\$ 300,000	\$ 299,416	\$ 584
Project to date				\$ 584

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Kevin Swisher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Power Service Control Panels - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X07 **CIP SCORE:** 75 **DEPT RANK:** 7

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

Routine replacement of power service and control panels that serve the wastewater pump stations and raw water production wells. This project shall have the flexibility to provide telemetry upgrades and replacements, electrical service improvements, and any other components associated with electrical control panels.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This project will include, but not be limited to, the replacement of electrical control panels that are 20+ years old that service sewer pump stations and raw water wells. The current electrical equipment does not meet N.E.C. requirements, and are hazardous to routine maintenance operations. The power services, control panels, telemetry components, and any other ancillary devices will be replaced with necessary components to meet current codes which are proven to be more efficient and reliable. This project is budgeted based on the purchase and installation of 20 service/control panels. The purchase of one control panel, including installation, is estimated at \$15,000 per panel. Future funding allocations are being submitted to target 20 panel purchases and installations per year.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560400	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
TOTAL COST					\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
TOTAL	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17X07	\$ 300,000	\$ 293,233	\$ 6,767
FY 2015-16 & Prior	CIP 16X07	\$ 300,000	\$ 287,293	\$ 12,707
Project to date				\$ 19,474

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Kevin Swisher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Service Truck Replacement (1) - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X05 **CIP SCORE:** 36 **DEPT RANK:** 23

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request is for the replacement of one service vehicle for the Utilities Maintenance Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request is for the replacement of one service vehicle for the Utilities Maintenance Division that is used for coordinating field repairs and executing maintenance of utilities facilities. The vehicle scheduled to be replaced is vehicle 95G950 (2009 Ford F450 Service Body with Crane), current mileage is 119,881, maintenance costs Life-To-Date: \$40,712. The vehicle has met Equipment Services replacement criteria. Staff intends to purchase a similar service vehicle that will meet the demands of the department. Future years are projected for the ongoing replacement of service trucks within the Utilities Maintenance division (1 vehicle per year).

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560700	\$ 90,000	\$ 90,000	\$ 90,000	\$ 70,000	\$ 70,000
TOTAL COST					\$ 90,000	\$ 90,000	\$ 90,000	\$ 70,000	\$ 70,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 90,000	\$ 90,000	\$ 90,000	\$ 70,000	\$ 70,000
TOTAL	\$ 90,000	\$ 90,000	\$ 90,000	\$ 70,000	\$ 70,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17X05	\$ 140,000	\$ 125,000	\$ 15,000
FY 2015-16 & Prior				\$ -
Project to date				\$ 15,000

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Kevin Swisher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Handheld Radio Replacements - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X21 **CIP SCORE:** 39 **DEPT RANK:** 14

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request will provide handheld radio replacements for the Utilities Department.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Utilities Department utilizes handheld radios on a daily basis for communicating maintenance and repair activities. On March 7, 2007, City Council approved a purchase for 800 MHz portable communication radios for the City's Utilities Department that operate on the Collier County communications system. The County's system consist of 11 towers that service the entire County. As technology has progressed, Collier County is now transitioning to a newer radio system which will require the replacement of the handheld radios. This project is being budgeted for 64 units at \$2,500 each for the Utilities Department.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560400	\$ 160,000				
TOTAL COST					\$ 160,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 160,000				
TOTAL	\$ 160,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Generator Replacements - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X22 **CIP SCORE:** 78 **DEPT RANK:** 15

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request will provide the annual replacement of generators that services remote pumping facilities operated by the Utilities Department.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Utilities Department maintains 39 generators (mobile and permanent) that provide alternative power during emergency events. These generators are strategically located at remote pumping facilities that are crucial for sustaining service in order to maintain the welfare and health of the community. This request will replace three generators (2 mobile and 1 permanent) and applicable switchgear for FY 2017-18. Future projections are budgeted to accommodate one generator and applicable switchgear per year.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560400	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
TOTAL COST					\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
TOTAL	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Kevin Swisher

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Paving of Parking Areas - Utilities Maintenance

DEPARTMENT: 40 Utilities Maintenance **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18X23 **CIP SCORE:** 39 **DEPT RANK:** 28

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This project will repave the parking and common areas within and around the Utilities Maintenance and Wastewater Treatment Plant locations.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

As a result of construction projects within the Wastewater Plant area over the last decade, the paved areas including the parking areas, roadways, fleet wash rack area, and common areas have suffered from increased traffic and heavy equipment activities. These areas are requiring pavement resurfacing and improvements in order to restore the asphalted surfaces.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	40	70	536	560300	\$ 240,000				
TOTAL COST					\$ 240,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 240,000				
TOTAL	\$ 240,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Alternative Water Supply - System Expansion

DEPARTMENT: 30 Utilities Sewer Dept **FUND:** 420 Water/Sewer Fund

PROJECT NUMBER: 18K58 **CIP SCORE:** 72 **DEPT RANK:** 27

PROJECT TYPE: New **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

This request is for construction of the expansion of the reclaimed water system.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

During FY 2014 City Council adopted the 2013 Water & Sewer Rate Study that included a three-year reclaimed water system expansion project. This three-year project provided \$3.0 million annually beginning in FY 2014. Funding for the final year of the reclaimed system expansion project (Phase 5) was allocated and is being completed during FY 2017 (current year). Contingent upon the update to the Water/Sewer/Reclaimed water rate study and consensus of City Council, this request is being submitted as a level of effort should City Council desire to continue the expansion of the reclaimed water system.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	33	533	560300	\$ 3,000,000				
TOTAL COST					\$ 3,000,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 3,000,000				
TOTAL	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17K58	\$ 3,000,000	\$ 1,722,620	\$ 1,277,380
FY 2015-16 & Prior	CIP 16K58	\$ 3,000,000	\$ 2,076,930	\$ 923,070
Project to date				\$ 2,200,450

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Reclaimed Water Transmission Mains

DEPARTMENT: 30 Utilities Sewer Dept

FUND: 420 Water/Sewer Fund

PROJECT NUMBER: 18K59

CIP SCORE: 71

DEPT RANK: 5

PROJECT TYPE: New

VISION PLAN: Not applicable

PROJECT DESCRIPTION/LOCATION:

To provide construction and any applicable design services that may be required to the reclaimed water system with respect to expansion, service line installations, looping, and upgrade improvements; project also includes, but is not limited to, the installation of reclaimed water fire hydrants.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request is for a continued level of effort to expand the reclaimed water system by installing service lines, main line looping and extensions where necessary, and qualifying hydrant installations for the reclaimed water system.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
420	20	33	533	560300	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
TOTAL COST					\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
TOTAL	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17K59	\$ 100,000	\$ 100,000	\$ -
FY 2015-16 & Prior	CIP 16K59	\$ 100,000	\$ 58,649	\$ 41,351
Project to date				\$ 41,351

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

CAPITAL IMPROVEMENTS PROGRAM
BUILDING PERMIT FUND

The Building Permit fund is a Special Revenue Fund, funded with building and permit fees. The fund is used to account for the activities related to construction code compliance in the City.

In continuing the FY16-17 building renovation upgrades that began in FY15-16, the Department will complete the construction of new building renovations including electrical, HVAC and plumbing, associated structural and architectural work, additional parking, and start the design for the future Building Roof Replacement (\$200,000). In FY18-19 the existing metal roof will be replaced based on the roof evaluation report (\$400,000).

The Department will complete the implementation of the electronic Permitting and Code Enforcement software that began in FY16-17. The new software systems will include an online citizen services portal with mobile access for staff, customer, and resident online access (\$65,000).

BUILDING FUND - FUND 110
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-2022

	Amended Budget 2016-17	Budget Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Fund Balance	5,245,871	3,725,009	3,337,442	2,359,766	2,086,700	1,781,252
Estimated Revenues						
Charges for Services	4,209,000	4,251,090	4,293,601	4,336,537	4,379,902	4,423,701
Interest/Other	43,500	37,250	33,374	35,396	31,300	26,719
Total Revenues	4,252,500	4,288,340	4,326,975	4,371,933	4,411,203	4,450,420
Estimated Expenditures						
Personal Services	3,081,066	3,112,687	3,174,941	3,238,440	3,303,209	3,369,273
Operating Expenses*	1,455,940	1,298,220	1,369,711	1,376,559	1,383,442	1,390,359
Total Expenditures	4,537,006	4,410,907	4,544,652	4,614,999	4,686,651	4,759,632
Net Income before Capital	(284,506)	(122,567)	(217,677)	(243,066)	(275,448)	(309,212)
Available for Capital Projects	4,961,365	3,602,442	3,119,766	2,116,700	1,811,252	1,472,039
CIP Requests (from List)	1,236,356	265,000	760,000	30,000	30,000	0

CAPITAL IMPROVEMENT PROJECTS **BUILDING FUND - FUND 110**

CIP NUMBER	PROJECT DESCRIPTION	Adopted Budget 2016-17	Dept Request 2017-18	2018-19	2019-20	2020-21	2021-22
16B25	Lobby & Building Renovations	831,356	200,000	400,000	0	0	0
15B01	Electronic Permitting	345,000	65,000	0	0	0	0
	Vehicle Replacement Program	30,000	0	60,000	30,000	30,000	0
	Records Storage Room (Station 1)	0	0	300,000	0	0	0
	Fire Inspector Vehicle Addition	30,000	0	0	0	0	0
TOTAL BUILDING FUND		1,236,356	265,000	760,000	30,000	30,000	0

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Building Renovations and Repairs

DEPARTMENT: 06 Building

FUND: 110 Building Fund

PROJECT NUMBER: 16B25

CIP SCORE: 63

DEPT RANK: 1A

PROJECT TYPE: Ongoing Mainten.

VISION PLAN: Green Jewel of SW Florida

PROJECT DESCRIPTION/LOCATION:

Complete the construction of Building renovations: New Geo-Thermal HVAC water supply well system. Building HVAC piping and electrical renovations. Emergency Generator upgrades. Interior Lobby HVAC and Lighting renovations.

JUSTIFICATION: Upgrade and Maintain Building Infrastructure

This request is to continue upgrading the following building components: FY 17-18 - Complete the construction of the new building renovations including ELECT/HVAC/PLUMB systems and associated structural and architectural work. Start design for Building Roof Replacement. FY 18-19 - Replace the existing metal roofing system.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
110	06	02	524	560200	\$ 200,000	\$ 400,000			
TOTAL COST					\$ 200,000	\$ 400,000	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Utilities: water cost savings	\$ (50,000)	\$ (85,000)	\$ (85,000)	\$ (85,000)	\$ (85,000)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Fund Balance	\$ 200,000	\$ 400,000			
TOTAL	\$ 200,000	\$ 400,000	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Building Evaluation Reports(HVAC/Roof/Elect)	\$ 750,000	\$ 305,000	\$ 445,000
FY 2015-16 & Prior	Building Evaluation Reports(HVAC/Roof/Elect)	\$ 175,000	\$ 80,269	\$ 94,731
Project to date				\$ 539,731

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2015

END: 9/1/2019

PREPARED BY: C.Mole'

City of Naples, FL

2017-18 CAPITAL REQUEST

PROJECT NAME: Electronic Permitting Software

DEPARTMENT: 06 Building

FUND: 110 Building Fund

PROJECT NUMBER: 15B01

CIP SCORE: 76

DEPT RANK: 1B

PROJECT TYPE: Carry forward*

VISION PLAN: Enhance Governance Capacity

PROJECT DESCRIPTION/LOCATION:

Complete the implementation of electronic permitting software and implement new building code enforcement software for compliance with Florida Building Code Chapter 33: Safeguards During Construction and City Ordinances.

JUSTIFICATION: Maintain Safety during construction activity

This request is to implement the final phase for permitting software, Electronic Code Enforcement software and online citizen services portal with mobile access. Enhanced CityView hosted software subscription solution will track and manage enforcement incidents from inspector and citizen complaints to case resolution; enhance the department's ability to provide consistent, efficient services, starting with automated inspector assignments based on location, priority, or case type using City GIS location data. It will allow enforcement staff to initiate, manage, and close out cases via in-field tablets. It will allow citizens to initiate complaint cases online and view case information status to verify enforcement. CityView parking management provides a comprehensive solution for enforcing construction parking, including on-street ticket entry, ticket processing and tracking.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
110	06	02	524	560800	\$ 65,000				
TOTAL COST					\$ 65,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Code Software Subscription Costs		\$ 19,044	\$ 19,806	\$ 20,599	\$ 21,424
Building Permit Software Subscription Costs		\$ 133,686	\$ 139,033	\$ 144,593	\$ 150,376

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Fund Balance	\$ 65,000				
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Electronic Building Permit Software	\$ 345,000	\$ 340,000	\$ 5,000
FY 2015-17 & Prior				
Project to date				\$ 5,000

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
3/1/2018

PREPARED BY: C. Mole'



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CAPITAL IMPROVEMENTS PROGRAM

Community Redevelopment Agency (CRA)

The CRA Planning Process

The original Community Redevelopment Plan was approved by the Naples City Council on May 18, 1994 pursuant to Resolution 94-7202. On November 5, 2008, an update to the 1994 CRA Redevelopment Plan was approved by the Community Redevelopment Agency Board. The update integrated 13 plans and studies developed over time. A key part of the CRA Plan Update was a Vision Plan of future capital improvements for the remainder of the CRA term, which was scheduled to sunset in 2024. The total estimated cost of the improvements in the Vision Plan was \$50.2 million.

In December 2008, a Sustainability Report was presented to the Board to provide information and initiate discussion regarding the appropriate goals, objectives, operating expenses, and capital projects in the CRA. On March 21, 2012, the CRA Sustainability Report included a list of prioritized projects contained in the 5-year capital improvement plan estimated to cost over \$10 million. The report estimated through the 2024 sunset date of the CRA approximately \$2.6 million in tax incremental financing would be available to fund the prioritized capital projects, a shortfall of \$7.4 million based on the assumptions used in the report.

On January 15, 2014, City Council approved Resolution 14-13401 adopting the Naples Community Redevelopment Agency Redevelopment Plan as amended and modified. That Plan extended the CRA sunset date, provided a time certain for completing all redevelopment financed by increment revenue, that such time certain shall occur no later than 30 years after the Fiscal Year in which the plan is amended and modified (September 30, 2044), a workable program for using public resources to fund redevelopment initiatives, and a broad vision of redevelopment initiatives. The Plan includes redevelopment goals, objectives, policies, strategies, and increment revenue projections to implement the plan. The Plan recommends improving connectivity and facilitating Blue Zone initiatives with appropriate enhancements to the built environment.

On September 2, 2015, the CRA Board considered the FY2015-16 budget of the CRA. The Capital Improvement Plan (CIP) approved included projects to improve Central Avenue, 1st Avenue South, 3rd Avenue South, 5th Avenue North, and 8th Street South. Scheduled maintenance to the 6th Avenue South parking garage, and construction of a Wayfinding program are included for planning and budgeting purposes, although funding will be appropriated in the operating budget.

On August 17, 2016, the CRA Board considered the FY2016-17 budget of the CRA. The Board agreed to a \$1 million transfer from the CRA Fund to the Baker Park Fund, and to continue the projects approved in 2015, with a change in the scheduled order of the projects. The Board also allocated \$150,000 for unspecified improvements in the River Park neighborhood in the Redevelopment Area, directed staff to obtain an appraisal for the parking lot property located at 4th Avenue South and 4th Street and to have discussions with the property owner regarding a potential purchase of the property.

The proposed 2017-18 CIP is a continuation of the approved projects. In this proposed CIP, the budget for 8th Street improvements has increased and the scope of the project has been modified to include construction of (1) a roundabout intersection at 8th Street and 3rd Avenue South and

(2) construction of 3rd Avenue South from 9th Street to 8th Street. The conceptual design of 3rd Avenue South and the intersection at 8th Street and 3rd Avenue South, including a roundabout feature, was approved on December 21, 2016. The purpose of this modification is to allow for construction of the intersection and completion of improvements to the 3rd Avenue South corridor from 10th Street to 8th Street. The construction schedule is phased over two fiscal years. It is anticipated that the first phase will include improvements (1) on 8th Street from 5th Avenue South to 3rd Avenue South, (2) on 3rd Avenue South from 8th Street to 9th Street, and (3) the intersection at 8th Street and 3rd Avenue South. The second phase will include improvements north of 3rd Avenue South. Final phasing will be determined in conjunction with the design engineer, recommendations of the CRA Advisory Board, and subject to approval by the CRA Board.

Based upon the revenue projections in the CRA Fund, there is sufficient revenue to fund these projects without assistance from another source. In the event the CRA Board is presented with an opportunity to purchase the parking lot property a loan will most likely be required. Following a final decision on the parking lot property, staff will reevaluate projected revenue and expenses and undertake a process to determine appropriate future projects for the later years of the 5 year CIP. This process will include input of the community and the Advisory Board with final determination by the CRA Board.

COMMUNITY REDEVELOPMENT AGENCY - FUND 180
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-2022

	Amended Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Fund Balance	2,113,277	898,821	698,460	487,720	774,892	3,410,099
Estimated Revenues						
City Taxes	753,825	851,017	997,846	1,091,404	1,201,144	1,236,193
County Taxes	2,336,525	2,637,784	3,092,889	3,382,879	3,723,023	3,831,660
Interest/Other	12,000	10,000	6,500	6,500	6,500	6,500
Total Revenues	3,102,350	3,498,801	4,097,235	4,480,783	4,930,667	5,074,353
Estimated Expenditures						
Personal Services	592,001	615,688	640,316	665,928	692,566	720,268
Debt Service Payments	990,461	991,411	980,993	985,184	1,033,270	263,988
Transfer to Baker Park	1,000,000	0	0	0	0	0
Operating Expenses	644,210	492,063	516,666	542,499	569,624	598,105
Total Expenditures	3,226,672	2,099,162	2,137,975	2,193,611	2,295,460	1,582,361
Net Income before Capital	(124,322)	1,399,639	1,959,260	2,287,172	2,635,207	3,491,992
Available for Capital Projects	1,988,955	2,298,460	2,657,720	2,774,892	3,410,099	6,902,091
CIP Requests (from List)	1,090,134	1,600,000	2,170,000	2,000,000	0	0

**CAPITAL IMPROVEMENT PROJECTS
COMMUNITY REDEVELOPMENT AGENCY - FUND 180**

CIP NUMBER	PROJECT DESCRIPTION	Amended Budget 2016-17	Dept Request 2017-18	2018-19	2019-20	2020-2021	2021-22
18C14	8th Street S Improvements	250,000	1,500,000	1,500,000	0	0	0
	6th Ave Garage (Waterproof, Paint etc.)	0	100,000	0	0	0	0
	1st Ave S Improvements	0	0	370,000	2,000,000	0	0
	5th Avenue N Interconnect	0	0	300,000	0	0	0
	3rd Ave S Improvements	690,134	0	0	0	0	0
	River Park Improvements	150,000	0	0	0	0	0
TOTAL CRA FUND		1,090,134	1,600,000	2,170,000	2,000,000	0	0

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: 8th Street South Improvements

DEPARTMENT: 15 Comm. Redevelopment

FUND: 180 Community Redevelopment Fund

PROJECT NUMBER: 18C14

CIP SCORE: 60

DEPT RANK: 1

PROJECT TYPE: Carry forward*

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

8th Street S improvements.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

While the design for the 8th Street corridor is not predetermined, the vision is for an improved north - south corridor consistent with the Naples brand, other approved designs, and the Blue Zone and Complete Streets policies of the City. The budget for the project has increased and the scope of the project has been modified to include construction of (1) a roundabout intersection at 8th Street and 3rd Avenue South and (2) construction of 3rd Avenue South from 9th Street to 8th Street, both consistent with an approved conceptual design. The construction schedule has been phased over two fiscal years.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
180	15	01	552	560300	\$ 1,500,000	\$ 1,500,000			
TOTAL COST					\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 1,500,000	\$ 1,500,000			
TOTAL	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 250,000	\$ 250,000	\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: K. Gibbs for R. Reinke

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: 6th Ave Garage (Waterproof, Paint, etc.)

DEPARTMENT: 15 Comm. Redevelopment

FUND: 180 Community Redevelopment Fund

PROJECT NUMBER: Not Applicable

CIP SCORE: 60

DEPT RANK: 2

PROJECT TYPE: New

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Required periodic garage maintenance.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Work is required periodic maintenance. Includes pressure washing, joint repair, caulking, sealing, painting, etc. Garage maintenance will be budgeted as an operating expense. However, due to the large dollar amount involved, it is included in the CIP document.

PROJECT COST

Fund	Dept	Div	Function Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
180	15	01	552	\$100,000				
TOTAL COST				\$ 100,000	\$ -	\$ -	\$ -	

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$100,000				
TOTAL	\$ 100,000	\$ -	\$ -	\$ -	

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: R. Reinke



CAPITAL IMPROVEMENTS PROGRAM STREETS & TRAFFIC FUND

Overview

The Streets fund is responsible for maintaining and improving all City streets, pathways, intersections, street markings, decorative street lights, sidewalks, traffic signs and signalization. The fund also supports operational responsibilities for energizing street lights, reviewing traffic impacts from proposed development plans, administering right-of-way and franchise permitting, and processing easement, platting and vacation requests. The primary funding sources for capital projects are gas taxes. Other minor revenue sources include funding from an interlocal agreement with Collier County related to collection of impact fees, agreements with FDOT related to traffic signal and street light operations on US41, right-of-way permitting fees, and the State Revenue Sharing program.

For FY17-18 the General Fund will fund the part of the pavement management program focused on major collector streets. For this report, the funding shows as a \$200,000 transfer in from the General Fund. The source of funding for the ADA Accessibility Project is the revenue generated from the \$250 handicap fines collected in accordance with City Code Chapter 36-61. For FY 17-18, \$15,000 will be transferred from the handicap fine reserve account.

2017-18 Capital Discussion

As private development accelerates after the Great Recession, the Streets & Traffic Division continues to coordinate with the CRA, other City Departments, and private developers to find ways to preserve, maintain, and improve pavement conditions and infrastructure within the City's rights-of-way. Additional ways the Department produces results is through its coordination with the Florida Department of Transportation (FDOT) and the Metropolitan Planning Organization (MPO). FDOT funded projects are clearly detailed on the CIP list of projects over the next five years. Finally, the Department has successfully worked through Community Development Block Grant processes to improve transportation infrastructure within the City's low-income areas.

The Streets & Stormwater Department works extensively with public and private utility companies, as well as private developers, to understand the timing of planned infrastructure improvements. This effort is needed to minimize repeated impacts within the right-of-way and to prevent damage to new pavements. An example of this coordination relates to the Utilities Department installation of the reclaimed water transmission main under many collector streets. The Department recognizes the planned infrastructure improvements by the Utilities Department, as well as private utility companies and home builders and is scheduling street resurfacing to follow the most disruptive activities.

Capital projects within the Streets & Traffic Division of the Department include:

Pavement Resurfacing Program (\$600,000): Each year staff evaluates pavement condition for structural integrity and surface condition. Also, staff works with neighborhood associations to identify specific street locations to resurface for the upcoming year. Pavement maintenance may include crack sealing, milling, overlays and full reclamation. Where pavement maintenance requires drainage pipe repairs, inlets, curbing and swale work, additional funding is obtained from the Stormwater Enterprise fund for that specific drainage improvement or repair. This is the last year of a 4-year long effort to improve the condition of some of the main collector roads within the City. This program is budgeted in the Operations Budget and identified in the CIP list for information only.

Collector Street Resurfacing Program (\$55,000): In FY15-16, City Council approved funding for additional collector street pavement resurfacing to address aging pavement conditions on critical, high volume collector streets. In FY17-18, funding is allocated to Banyan Blvd between Crayton Rd and Gulf Shore Blvd North.

18U31 Alley Maintenance & Improvements (\$75,000): Although not as heavily used as roadways, alleyways critically important for property access. Alleys are used by general traffic, utility companies and trash collection vehicles, causing wear and tear. This program allows staff to maintain and improve alleyways. It also considers neighborhood requests to have alley surface changes (i.e. limerock to asphalt) based upon budget and adjacent property owner support. A petition process assures that the majority of adjacent residents approve the change.

18U29 Pedestrian & Bicycle Master Plan Projects (\$150,000): In 2013, City Council adopted an update of the City's Pedestrian and Bicycle Master Plan. Progress towards the City's Master Plan occurs within multiple CIP's and the Department continuously strives to coordinate with the MPO, FDOT, private developers, and public utility companies as well. In FY17-18 projects and programs continue to be consistent with the priorities identified in the Master Plan and include: filling missing links of sidewalks on collector roads, adding new sidewalks, bike lanes and sharrows, wayfinding signage, intersection improvements, enforcement, and education. This goal is consistent with the 2013 adopted Pedestrian and Bicycle Master Plan.

18U21 City Americans with Disabilities Act (ADA) Accessibility Improvements (\$15,000): This CIP allows the Department to achieve a higher level of compliance with the requirements of the Americans with Disabilities Act (ADA) where existing infrastructure is known to challenge the disabled. The Department will address non-compliant curb ramps for wheel chairs and strollers, truncated domes for the visually impaired, pedestals for pedestrian activation of signals and other ADA compliant devices. The objective is to resolve ADA accessibility issues throughout the City's rights-of-way in accordance with the City's approved ADA Transition Plan.

18U01 Span-wire Intersection Improvements (\$70,000): For years, the Department has been upgrading signalized intersections that rely on cable wire to support traffic signals. FDOT guidance requires signalized intersections within 10-miles of the coastline to be supported by a mast-arm support system to achieve safety and performance standards associated with high wind events. Prior to moving forward with a project that would install large, rigid, industrial infrastructure to support a signalized intersection, the Department is reviewing alternative intersection applications such as a roundabout. Roundabouts provide several advantages over signalized intersection, including safety, reduced delay, calming speeds, and aesthetics. This CIP includes an extensive community involvement program. The intersection study has just begun and is expected to be completed summer of 2017. The remaining five span wire intersections are: 8th St. S at Broad Ave. S; 9th Street S at 10th Ave. S; Fleischmann Blvd at 10th St. N; Crayton Rd. at Mooring Line Dr.; Crayton Rd. at Harbour Dr.

Decorative Metal Speed Sign Mountings (\$130,000): In FY16-17, the decorative metal stop sign mounting project was completed with great success. The project replaced old and deteriorating wooden sign mountings with long-lasting decorative metal posts and frames. Throughout the City, wooden mountings for speed limit signs and miscellaneous other sign types remain. The most apparent of these old wooden signs are the speed limit signs located along busy collector roads. This CIP would replace approximately 80 wooden mounted speed limit signs along high volume collector roads.

Crayton Road Improvements (\$80,000): In FY16-17, staff is working with the Park Shore Neighborhood Association to address frequent collisions with the ends of the existing chicane's retaining wall. The purpose of the chicane is to calm traffic traveling along Crayton Road, particularly as it approaches the pedestrian crossing at Whispering Pine Lane. In the last several years, the chicane's retaining wall has been hit several times and its effectiveness is limited at best. Staff has met with the Park Shore Neighborhood Association and has developed a plan to remove the chicane and install a decorative brick crosswalk at the intersection of Whispering Pine Lane, along with pedestrian activated amber flashing lights and signage.

Pressure Washer with Water Tank (\$7,000): The Department's need to clean and clear infrastructure has increased for both the Streets and Stormwater Divisions. This includes cleaning signs, bridges, stained concrete, as well as removing oyster and barnacle buildup from stormwater outfall pipes. The purchase of this equipment, with a full cost of \$14,000, is recommended to be shared equally between the Streets & Traffic Fund and the Stormwater Fund.

STREETS AND TRAFFIC FUND - FUND 190
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Fund Balance	2,523,418	1,666,279	1,548,220	1,076,442	1,126,744	956,500
Estimated Revenues						
Telecom Taxes	625,000	625,000	625,000	625,000	625,000	625,000
General Fund (Telecom Tax Change)	0	200,000	200,000	200,000	200,000	200,000
Gas Taxes	1,185,000	1,208,700	1,220,787	1,245,203	1,263,881	1,276,520
Impact Fees	200,000	200,000	200,000	200,000	200,000	200,000
Handicap Fine (restricted)	0	15,000	15,000	15,000	15,000	0
DOT Revenue	195,000	190,731	201,760	204,853	206,500	208,000
State Revenue Sharing	215,000	215,000	215,000	215,000	215,000	215,000
CRA Loan	0	14,477	0	0	0	0
Interest/Other	80,000	80,000	28,000	28,840	29,417	30,005
Total Revenues	2,500,000	2,748,908	2,705,547	2,733,896	2,754,798	2,754,525
Estimated Expenditures						
Personal Services	539,379	550,167	561,170	572,393	583,841	595,518
Street Lighting	345,000	317,000	317,000	317,000	317,000	317,000
Operating Expenses	817,760	817,800	834,156	834,200	834,200	834,200
Total Expenditures	1,702,139	1,684,967	1,712,326	1,723,593	1,735,041	1,746,718
<i>Operating expenditures excludes road resurfacing, which is shown in Capital in this document only.</i>						
Net Income before Capital	797,861	1,063,941	993,221	1,010,302	1,019,756	1,007,807
Available for Capital Projects	3,321,279	2,730,220	2,541,442	2,086,744	2,146,500	1,964,307
TOTAL REQUESTS (FROM LIST)	1,655,000	1,182,000	1,465,000	960,000	1,190,000	965,000

Minimum Fund Balance is 16-30% of prior year's operating budget, per Resolution 16-13831

CAPITAL IMPROVEMENT PROJECTS STREETS & TRAFFIC - FUND 190

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	DEPT REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
	Annual Pavement Resurfacing Program (1)	600,000	600,000	600,000	650,000	650,000	650,000
	Arterial Pavement Resurfacing Program (1)	550,000	55,000	0	0	0	0
	Total Programs Budgeted in the Operations Budget	1,150,000	655,000	600,000	650,000	650,000	650,000
18U31	Alley Maintenance & Improvements	75,000	75,000	75,000	75,000	75,000	75,000
18U29	Pedestrian & Bicycle Master Plan Projects	150,000	150,000	150,000	150,000	150,000	150,000
18U21	Citywide ADA Accessibility Improvements	15,000	15,000	15,000	15,000	15,000	15,000
18U01	Intersection/Signal System Improvements	50,000	70,000	275,000	70,000	300,000	75,000
18U32	Decorative Metal Speed Limit Signs	0	130,000	0	0	0	0
18U34	Crayton Road Improvements at Whispering Pine	0	80,000	0	0	0	0
18V33	Pressure Washer (2)	0	7,000	0	0	0	0
	Streets Sweeper	0	0	350,000	0	0	0
	Traffic Operations & Signal System Improvements	75,000					
	Gulf Shore Blvd North Street Light Improvement	50,000	0	0	0	0	0
	Brick Crosswalk Enhancements GSBN	90,000	0	0	0	0	0
	Total Streets and Traffic CIP Budget	505,000	527,000	865,000	310,000	540,000	315,000
TOTAL STREETS AND TRAFFIC FUND		1,655,000	1,182,000	1,465,000	960,000	1,190,000	965,000

(1) Pavement Resurfacing is budgeted in the Operations Budget "Road Resurfacing" line item, and identified on the CIP list for information only.

(2) This represents 50% of the total price of the equipment. The remaining 50% is budgeted in the Stormwater Division.

FDOT FUNDED PROJECTS		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
FDOT	SIDEWALKS: Naples Beach Access	0	522,531	0	0	1,142,780	0
FDOT	SIDEWALK: 3rd Street North (Central Ave - 7th Ave N)	100,000	391,178	0	0	0	
FDOT	SIDEWALK: 2nd Street S (6th Ave S - 11th Ave S)	100,000	217,324	0	0	0	
FDOT	SIDEWALK: Harbour Drive (Binnacle- Crayton)	0	0	0	0	0	623,838
FDOT	Reimbursement for Traffic Signal Operations on US41	65,756	67,728	69,760	71,853	72,500	73,000
FDOT	Reimbursement for US41 Street Lighting	130,698	131,000	132,000	133,000	134,000	135,000
FDOT	Traffic Operations Center	30,000	50,000	50,000	50,000	50,000	0
FDOT	Downtown Circulation/Mobility Study	350,000	0	0	0	0	
FDOT	TOTAL	776,454	1,379,761	251,760	254,853	1,399,280	831,838

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Pavement Resurfacing Program

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: Not applicable

CIP SCORE: 65

DEPT RANK: 1

PROJECT TYPE: Ongoing Mainten:

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Citywide street maintenance and resurfacing. Resurfacing locations are developed based upon staff evaluation of roadway conditions and neighborhood association recommendations. Maintenance can also include shoulder work, pavement markings, curb work and signage.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Each year staff evaluates pavement condition for structural integrity and surface condition, and works with neighborhood associations to identify specific street locations to resurface for the upcoming year. Pavement maintenance may include crack sealing, milling, overlays and full reclamation. Where pavement maintenance requires drainage pipe repairs, inlets, curbing and swale work, additional funding is obtained from the Stormwater fund for that specific drainage improvement or repair. In 2014-15, staff presented a work plan worth \$1,025,000 to resurface primary collector roads such as Gulf Shore Blvd North, Banyan Blvd, 3rd Street South, and Orchid Drive. This is the last year of a 4-year long effort to improve the condition of some of the main collector roads within the City.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 600,000	\$ 600,000	\$ 650,000	\$ 650,000	\$ 650,000
190	65	02	541	560300	\$ 55,000	\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 655,000	\$ 600,000	\$ 650,000	\$ 650,000	\$ 650,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 655,000	\$ 600,000	\$ 650,000	\$ 650,000	\$ 650,000
TOTAL	\$ 655,000	\$ 600,000	\$ 650,000	\$ 650,000	\$ 650,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 600,000	\$ 600,000	\$ -
FY 2015-16 & Prior		\$ 550,000	\$ 550,000	\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Alley Maintenance & Improvements

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: 18U31

CIP SCORE: 64

DEPT RANK: 2

PROJECT TYPE: Ongoing Mainten.

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Citywide alley maintenance, repairs and improvements to public alleyways. Also includes alley retrofits after applying the City's petition process that allows an alley to be upgraded to asphalt paving via approval of a majority of adjacent property owners.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Although not as heavily used as roadways, traffic, utility companies and trash collection vehicles use alleys and cause wear and tear. This program allows staff to maintain and improve alleyways. It also considers neighborhood requests to have alley surface changes (i.e. limerock to asphalt) based upon need and adjacent property owner support. A petition process assures that the majority of adjacent residents approve the change.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
						\$ -		\$ -	\$ -
TOTAL COST					\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
TOTAL	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 75,000	\$ 75,000	\$ -
FY 2015-16 & Prior		\$ 75,000	\$ 75,000	\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Pedestrian & Bicycle Master Plan Implementation

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: 18U29

CIP SCORE: 59

DEPT RANK: 3

PROJECT TYPE: Ongoing Mainten.

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Implementation of projects and programs contained within the City's adopted Pedestrian & Bicycle Master Plan.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In 2013, City Council updated the City's Pedestrian and Bicycle Master Plan, originally adopted in 2007. The Master Plan recommends programming \$150,000 per year towards projects and programs contained in the Master Plan. FY 17-18 projects and programs continue to be consistent with the priorities identified in the Master Plan and include: filling missing links of sidewalks on collector roads, adding new sidewalks, bike lanes and sharrows, wayfinding signage, intersection improvements, enforcement, and education.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
						\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 150,000				
TOTAL	\$ 150,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 150,000	\$ 150,000	\$ -
FY 2015-16 & Prior		\$ 150,000	\$ 150,000	\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Citywide ADA Accessibility Improvements

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: 18U21

CIP SCORE: 57

DEPT RANK: 4

PROJECT TYPE: Ongoing Mainten.

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Citywide improvements to transportation infrastructure for American With Disabilities as required by Federal law.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Federal law requires municipalities to achieve ADA standards as part of pavement resurfacing. Additionally, staff identifies locations within the City that could be improved for disabled users of the public rights-of-way. This CIP allows for improvements to occur in an effort to resolve ADA accessibility issues prior to or simultaneously with major capital transportation projects. Work associated with this CIP may include improvements to installation of curb ramps for wheel chairs and strollers, truncated domes for the visually impaired, pedestals for pedestrian activation of signals, audible street crossing devices, and other ADA compliant devices.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
						\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Handicap Ticket Reserve Account					
Operating Revenue	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
TOTAL	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 15,000	\$ 15,000	\$ -
FY 2015-16 & Prior		\$ 15,000	\$ 15,000	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/1/2018

PREPARED BY: G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Span-wire Intersection Improvements

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: 18U01

CIP SCORE: 55

DEPT RANK: 5

PROJECT TYPE: Ongoing Mainten:

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

For many years, the City has been replacing span-wire systems that hold up traffic signals with mast arms. This funding is for improvements to five city-owned signalized intersections currently supported by span wire.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In FY16-17, a study was approved to evaluate and prioritize the remaining city-owned signalized intersection currently supported by span wire systems. The existing span wire systems are vulnerable to high wind events and not consistent with FDOT standards for signalized intersections within 10-miles of the coastline. Mast arms are well suited to resist damage during high wind events from tropical storms and hurricanes. As an alternative to a signalized intersection with large metal masts and overhanging arms, State and local agencies have been considering roundabout designs since they have lower, long-term maintenance cost, improve public safety, and an aesthetically different appeal. At this time the intersection study has just begun and is expected to be completed summer of 2017. Five signalized intersections with span-wire assemblies remain within City. This CIP addresses future design, permitting and construction, one intersection at a time as ranked through the City Study.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 70,000	\$ 275,000	\$ 70,000	\$ 300,000	\$ 75,000
						\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 70,000	\$ 275,000	\$ 70,000	\$ 300,000	\$ 75,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 70,000	\$ 275,000	\$ 70,000	\$ 300,000	\$ 75,000
TOTAL	\$ 70,000	\$ 275,000	\$ 70,000	\$ 300,000	\$ 75,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 50,000	\$ 50,000	\$ -
FY 2015-16 & Prior		\$ 275,000	\$ 25,000	\$ 250,000
Project to date				\$ 250,000

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Decorative Metal Speed Sign Mountings

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: 18U32

CIP SCORE: 53

DEPT RANK: 6

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Improvements to replace wooden mounted speed limit sign along high volume collector roads.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In FY16-17, the decorative metal stop sign mounting project was completed with great success. The project replaced old and deteriorating wooden sign mountings with long-lasting decorative metal posts and frames. Throughout the City, wooden mountings for speed limit signs and miscellaneous other sign types still remain. Most apparent of these old wooden signs are the speed limit signs located along busy collector roads. This CIP would replace approximately 80 wooden mounted speed limit signs along high volume collector roads.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 130,000	\$ -	\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 130,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 130,000				
TOTAL	\$ 130,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
----------------	--

SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ -	\$ -	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/1/2018

PREPARED BY: G. Strakaluse, P.E.

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Crayton Road Improvements

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: 18U34

CIP SCORE: 48

DEPT RANK: 7

PROJECT TYPE: Ongoing Mainten.

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Improvements to remove the chicane currently located north of Whispering Pine Lane and place a new decorative brick crosswalk with rapid flashing pedestrian crossing lights on the north side of the intersection of Whispering Pine Lane and Crayton Rd.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In FY16-17, staff has been working with the Park Shore Neighborhood Association to address frequent collisions with the ends of the existing chicane's retaining wall. The purpose of the chicane is to calm traffic traveling along Crayton Road, particularly as it approaches the pedestrian crossing at Whispering Pine Lane. Recently, the chicane's retaining wall has been hit several times and its effectiveness is limited. Staff has met with the Park Shore Neighborhood Association and has developed a plan to remove the chicane and install a decorative brick crosswalk at the intersection of Whispering Pine Lane with pedestrian activated amber flashing lights and signage.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 80,000	\$ -	\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 80,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 80,000				
TOTAL	\$ 80,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
----------------	--

SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ -	\$ -	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/1/2018

PREPARED BY: G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Pressure Washer with Water Tank

DEPARTMENT: 65 Streets

FUND: 190 Streets & Traffic Fund

PROJECT NUMBER: 18V33

CIP SCORE: 46

DEPT RANK: 8

PROJECT TYPE: New

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Purchase of a \$14,000 pressure washer with water tank to clean and maintain infrastructure such as bridges, signs, concrete, removing barnacle and oyster build up on outfall pipes, etc. Cost is split with the Stormwater Fund.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In recent years, staff has been borrowing a pressure washer and water tank from the Community Services Department for occasional infrastructure cleaning. The Department's need to clean and clear infrastructure has increased for both the Streets and Stormwater Divisions, cleaning signs, bridges, stained concrete, as well as removing oyster and barnacle buildup from stormwater outfall pipes. The purchase of this equipment (\$14,000) is recommended to be shared equally between the Streets & Traffic Fund and the Stormwater Fund.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
190	65	02	541	560300	\$ 7,000	\$ -	\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 7,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 7,000				
TOTAL	\$ 7,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
----------------	--

SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ -	\$ -	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/1/2018

PREPARED BY: G. Strakaluse, P.E.



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CAPITAL IMPROVEMENTS PROGRAM

SOLID WASTE FUND

The Solid Waste fund is an Enterprise Fund, funded primarily with solid waste fees for residential, multi-family and commercial collections. The fund is used to account for the activities related to proper operation and management of the City's solid waste collection and disposal.

2017-18 Capital Discussion

During FY 16-17, the City hired a consultant to perform a Solid Waste Rate Study. Results of that study, presented in March 2017, will be used to update current and future solid waste rates.

The City provides side-yard residential garbage collection. The City uses small satellite collection vehicles with dump bodies that store the collected garbage. The small trucks then transfer the collected garbage to large garbage trucks that transfer the garbage to the Collier County landfill. The department has 9 small trucks and 15 large trucks to perform residential, commercial and recycling services.

Since FY 2010-11, the department has been extending the useful life of many of the City's garbage truck fleet by two - four years, by rebuilding both large and small vehicles. Rebuilds typically include refurbishment of the truck bodies and replacement of hoses and hydraulic cylinders. The frame, chassis, engine and drive trains of the trucks are in good shape and are intended to provide additional years of service. The cost of a new large truck is \$270,000 compared to the rebuild cost of \$35,000 - \$50,000 per truck.

Ongoing capital requirements for solid waste management primarily include the replacement of vehicles that meet Equipment Services replacement criteria based on mileage, age, and maintenance costs. These vehicles are no longer able to be restored via the City's rebuild program. Additionally, due to the extensive wear, idle time, and constant operation on these types of vehicles, they are scheduled to be replaced every five (5) to eight (8) years. The FY 2018 budget includes the replacement of one small satellite collection vehicle and one large front loader refuse truck. FY 2019 through FY 2022 is projected to replace one small satellite collection vehicle (\$32,000) and one large refuse truck (\$270,000) per year.

Other projects include handheld radio replacements, the replacement of one service vehicle utilized by administration staff and the purchase of a cardboard baler for the recycling transfer facility.

SOLID WASTE FUND - FUND 450
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Working Capital	1,152,955	825,694	693,371	189,635	163,428	380,975
Estimated Revenues						
Solid Waste Fees	5,760,000	5,906,200	6,053,855	6,205,201	6,360,331	6,519,339
Other Fees	610,000	505,877	536,558	549,972	563,721	577,814
Interest/Other	62,000	40,000	48,000	50,000	35,000	35,000
Total Revenues	6,432,000	6,452,077	6,638,413	6,805,173	6,959,052	7,132,154
Estimated Expenditures						
Personal Services	1,766,248	1,832,464	1,886,387	1,924,100	1,962,600	2,001,900
Operating Expenses	4,644,013	4,229,936	4,303,761	4,325,280	4,346,906	4,368,641
Total Expenditures	6,410,261	6,062,400	6,190,148	6,249,380	6,309,506	6,370,541
Net Income before Capital	21,739	389,677	448,265	555,793	649,546	761,613
Available for Capital Projects	1,174,694	1,215,371	1,141,635	745,428	812,975	1,142,587
CIP Requests (from List)	349,000	522,000	952,000	582,000	432,000	652,000

Note: due to rate study implementation, revenue projections are subject to change.

**CAPITAL IMPROVEMENT PROJECTS
SOLID WASTE FUND 450**

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	DEPT REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
18P21	Satellite Collection Vehicle Replacement	64,000	32,000	32,000	32,000	32,000	32,000
18P02	Rebuild Solid Waste Refuse Trucks	100,000	100,000	100,000	100,000	100,000	100,000
18P01	Large Refuse Truck Replacements	0	270,000	270,000	270,000	270,000	270,000
18P22	Handheld Radio Replacements	0	65,000	0	0	0	0
18P20	Service Vehicle Replacement	0	30,000	0	30,000	30,000	0
18P23	Cardboard Baler	0	25,000	0	0	0	0
	Tractor/Trailer Purchase (Recycle)	185,000	0	0	0	0	0
	Loader Replacement	0	0	300,000	0	0	0
	Recycle Compaction/Loading System	0	0	250,000	0	0	0
	Roll-off Truck Replacement	0	0	0	150,000	0	0
	Large Refuse Truck Wash Station	0	0	0	0	0	250,000
FUND TOTAL		349,000	522,000	952,000	582,000	432,000	652,000

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Large Refuse Vehicle Replacement (1)

DEPARTMENT: 12 Solid Waste

FUND: 450 Solid Waste Fund

PROJECT NUMBER: 18P01

CIP SCORE: 67

DEPT RANK: 1

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replace one (1) complete large refuse collection vehicle in the Solid Waste Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Large refuse collection vehicles require high maintenance and repair costs due to extensive idle time and constant operation. The existing vehicle, due to high usage, age and maintenance costs has met the Equipment Services replacement criteria and is in need of replacement. Due to the extensive wear on these type vehicles, they are scheduled to be replaced every five (5) to eight (8) years. Vehicle 82I787 (2007 Mack Truck - Front Loader; current mileage: 116,491) is the current vehicle being recommended for replacement during FY 2018. FY 2019 through FY 2022 is projected to replace one large refuse truck per year.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
450	12	70	534	560700	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000
TOTAL COST					\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000
TOTAL	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	NA			\$ -
FY 2015-16 & Prior	CIP 16P01	\$ 500,000	\$ 499,776	\$ 224
Project to date				\$ 224

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Satellite Collection Vehicle Replacement (1)

DEPARTMENT: 12 Solid Waste

FUND: 450 Solid Waste Fund

PROJECT NUMBER: 18P21

CIP SCORE: 67

DEPT RANK: 2

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

This project is for the on-going replacement of satellite refuse collection vehicles annually. These vehicles are utilized by the Solid Waste Division and will replace the current Ford Rangers with dump bodies.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request is for the replacement of one (1) satellite collection vehicle used by the Solid Waste Residential Section. This vehicle provides residential support to the large refuse collection vehicles utilized for back door collection service. The current vehicle (81D822) recommended for replacement is a 2008 Ford Ranger truck chassis equipped with a dump body and has met Equipment Services replacement criteria. The mileage of the current vehicle is 68,286. FY 2019 through FY 2022 is projected to replace one (1) satellite collection vehicle per year.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
450	12	70	534	560700	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000
TOTAL COST					\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000
TOTAL	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000	\$ 32,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17P21 (2 vehicles)	\$ 64,000	\$ 64,000	\$ -
FY 2015-16 & Prior	CIP 16P21	\$ 30,000	\$ 23,738	\$ 6,262
Project to date				\$ 6,262

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Rebuild Solid Waste Refuse Trucks

DEPARTMENT: 12 Solid Waste

FUND: 450 Solid Waste Fund

PROJECT NUMBER: 18P02

CIP SCORE: 67

DEPT RANK: 3

PROJECT TYPE: Ongoing Mainten.

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

This project is intended to rebuild and/or rehabilitate Solid Waste refuse trucks (both large and small vehicles) in order to extend the useful life of these vehicles and delay capital costs.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Rebuilding portions of existing Solid Waste refuse trucks can be a cost effective alternative to replacing these garbage trucks. Over the course of the last decade, all of the large refuse trucks have been replaced. Due to the constant use and environment, truck bodies, hoses, and hydraulic cylinders wear at a rate more rapid than the frame and chassis. This project will include, but not be limited to, motor rebuilds, hydraulic and compaction body replacements, electrical system overhauls, and body work. For large trucks, the replacement cost for one new truck is estimated at \$270,000. A typical rehab is \$35,000 - \$50,000 per truck. FY 2018 through FY 2022 is being budgeted based on the rehab of two large refuse trucks per year.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
450	12	70	534	560300	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
TOTAL COST					\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
TOTAL	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	CIP 17P02	\$ 100,000	\$ 100,000	\$ -
FY 2015-16 & Prior	CIP 16P02	\$ 100,000	\$ 98,527	\$ 1,473
Project to date				\$ 1,473

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Handheld Radio Replacements

DEPARTMENT: 12 Solid Waste

FUND: 450 Solid Waste Fund

PROJECT NUMBER: 18P22

CIP SCORE: 39

DEPT RANK: 4

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

This request will provide handheld radio replacements for the Solid Waste Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Solid Waste Department utilizes handheld radios on a daily basis for communicating and coordinating collection activities. On March 7, 2007, City Council approved a purchase for 800 MHz portable communication radios for the City's Solid Waste Department that operate on the Collier County communications system. The County's system consist of 11 towers that service the entire County. As technology has progressed, Collier County is now transitioning to a newer radio system which will require the replacement of the handheld radios. This project is being budgeted for 26 units at \$2,500 each for the Solid Waste Department.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
450	12	70	534	560400	\$ 65,000				
TOTAL COST					\$ 65,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 65,000				
TOTAL	\$ 65,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Service Vehicle Replacement (1)

DEPARTMENT: 12 Solid Waste

FUND: 450 Solid Waste Fund

PROJECT NUMBER: 18P20

CIP SCORE: 40

DEPT RANK: 5

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

This project is for the replacement of one (1) service vehicle utilized by the Solid Waste Division.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This request is for the replacement of one service vehicle utilized by administration staff. This vehicle provides residential and commercial supervisor support. The current vehicle scheduled to be replaced is a 2006 Ford F150 (88D663) and has met Equipment Services replacement criteria. The vehicle's current mileage is 81,965. Staff intends to replace this unit with a similar service vehicle that will meet the demands of the department. Future budget allocations in FY 2019-20 and FY 2020-21 is for being budgeted as a level of effort for the replacement of one (1) service vehicle per year.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
450	12	70	534	560700	\$ 30,000	\$ -	\$ 30,000	\$ 30,000	\$ -
TOTAL COST					\$ 30,000	\$ -	\$ 30,000	\$ 30,000	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 30,000	\$ -	\$ 30,000	\$ 30,000	\$ -
TOTAL	\$ 30,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	NA			\$ -
FY 2015-16 & Prior	CIP 15P20	\$ 27,000	\$ 26,553	\$ 447
Project to date				\$ 447

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Cardboard Baler

DEPARTMENT: 12 Solid Waste

FUND: 450 Solid Waste Fund

PROJECT NUMBER: 18P23

CIP SCORE: 41

DEPT RANK: 6

PROJECT TYPE: New

VISION PLAN: Green Jewel of SW Florida

PROJECT DESCRIPTION/LOCATION:

Purchase of a Cardboard Bailer for the Recycling Transfer Facility.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The City currently services several locations that produce an abundance of cardboard. This request is for a cardboard baler that will allow the Solid Waste Division to bale and sell the cardboard material collected by in-house operations. Material collected and baled will help off set the hauling of single stream recycle material to the Lee County Material Reclamation Facility. Staff estimates that the volume of cardboard collected will generate two bales per week. At the current market rate of \$145 per cardboard bale, potential revenue would equate annually to \$15,080 (52 weeks X 2 bales X \$145).

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
450	12	70	534	560400	\$ 25,000				
TOTAL COST					\$ 25,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Operating Revenue		\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 25,000				
TOTAL	\$ 25,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Ben Copeland



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CAPITAL IMPROVEMENTS PROGRAM

Stormwater Fund

The City's Stormwater fund is responsible for maintaining and improving the City's stormwater management system which includes storm drainage, flood protection and water quality infrastructure and programs. This fund is operated as an enterprise fund, where users pay a fee. The fee for a typical homeowner is \$13.06 per month, or \$26.12 per bi-monthly bill. City code allows the fee to change every October by the Consumer Price Index.

2017-18 Capital Discussion

The 2017-18 capital project list for the Stormwater fund is \$2,482,000. The following highlights the major projects planned.

Project 18V02 - Citywide Stormwater Drainage Improvements (\$700,000)

The purpose of this ongoing, annual project is to protect both private and public property from adverse high water conditions caused by storm events of various magnitudes. Capital work under this program may include the investigation and repair of major and minor storm sewers, drainage inlets and manholes, control structures, pump station hardware, discharge/outfall structures, culverts, concrete and grass swales and related drainage facilities on an on-going annual basis. Appropriate levels of replacement and/or construction of new supplemental drainage facilities are critical to maintaining desired or prescribed stormwater levels of service. Such work is typically performed by contractors under annual service contracts with the most competitive pricing and most qualified staff. In addition, this project will fund ongoing GIS Data Acquisition and mapping for all basins as required by the City's NPDES Permit.

Project 18V05 – Stormwater Pipe Lining (\$150,000)

Like any underground structure, buried stormwater drainage pipes deteriorate over time through a variety of impacts. Deterioration can include pipe cracking, disjoining, and root infiltration and can significantly impair stormwater flows, water quality and water conservation. Cracked and disjoined pipes allow groundwater to infiltrate and be conveyed to receiving water bodies, adding unnecessarily to fresh water inflows, thereby affecting ecology. Infiltration also allows sand and sediment to penetrate the pipe thereby causing settlement on the ground or pavement surface and suspended solids to be conveyed to receiving water bodies. Pipe Lining is 50% to 75% less expensive than replacing underground pipe. Lining is a non-invasive process, as there is minimal disruption to pavement, landscape and traffic. Cured in place pipe lining creates a new inner load-bearing pipe, which is independent of the old host pipe, and remains fully functional in the eventuality of the old pipe deteriorating completely. The lining can be applied in any material and shape pipe.



Project 18V27 – Citywide Stormwater Lake Improvements (\$70,000)

Stormwater lakes are one of the most important ways pollutants are removed from stormwater runoff. Stormwater lakes also provide flood protection by attenuating large volumes of stormwater. FY17-18 CIP funding would be allocated to minor improvements and repairs to lakes that may include, spot dredging, new aeration systems, floating islands, mineral, biological and chemical treatment systems, the creation of littoral shelves, and exotic vegetative removal. In out years, City

staff has budgeted for design and construction of lake restoration efforts that are in accordance with the citywide Lake Management Plan. In FY16-17, staff began design and permitting the restoration effort at Lake #19 along 15th Avenue North. Permitting is expected to extend into FY17-18 and restoration is programmed in FY18-19. The improvements to Lake #19 would be similar to those performed at Lake Manor (#22) in FY14-15.

Project 18V26 - Beach Restoration & Water Quality Improvements (\$125,000)

In 2013, the Stormwater Department submitted a final report entitled: Beach Outfall Management Evaluation to City Council. In it, the report studied various options for the City's nine stormwater beach outfalls and ranked those options in order of impact, permit ability, constructability and cost. At the April 15, 2013 City Council Workshop, consensus was to direct staff to investigate the alternative that includes the consolidation of beach outfalls and discharge into one or more deep ocean outfalls, possibly via a pump station. In FY14-15, staff and its consultant prepared a 30% Preliminary Design Report that demonstrated how the outfall system could be improved by way of two pump stations and several water quality improvement techniques. This effort will include significant community involvement and regulatory process. Therefore, construction is programmed in two phases (north and south). Phase I is schedule for FY19-20. The future goal continues to be a consolidation plan with focus on reducing flooding, improving water quality, improving beach access, reducing beach erosion, improving sea turtle habitat and eliminating visual impacts of numerous pipes on the beach. In FY17-18, funding is allocated to continuing maintenance of the existing pipes on the beach.

Naples Bay Water Quality Improvement at the Cove Pump Station (\$1,000,000)

The Cove Stormwater Pump Station is located on Broad Avenue South and is the central point of drainage for a 440-acre drainage area of residential and commercial property in Old Naples. The station discharges approximately ½ billion gallons per rainy season. Decades of discharge have caused sediment to accumulate at the outfall in Naples Bay. This project will design and permit the excavation of accumulated sediment, as well as develop the area into an impoundment structure to improve water quality prior to discharging into Naples Bay. In FY15-16, City Council approved the final design and permitting phase for this project. This CIP includes construction in FY17-18 at \$1,000,000. There is a strong potential for grant funding related to this project.

Pressure Washer with Water Tank (\$7,000): The Department's need to clean and clear infrastructure has increased for both the Streets and Stormwater Divisions. This includes cleaning signs, bridges, stained concrete, as well as removing oyster and barnacle buildup from stormwater outfall pipes. The purchase of this equipment is recommended to be shared equally between the Streets & Traffic Fund and the Stormwater Fund.

Project 17V12 – Oyster Reef & Seagrass Restoration Project (\$100,000)

In FY 14-15, staff began designing and permitting a project to allow the City to create approximately 15 acres of oyster beds and 1-2 acres of seagrass beds in Naples Bay. Design is focusing on areas within Naples Bay that provide the highest possible chances for long-term life and benefit. The estimated cost of construction for the entire project is \$1,050,000, however, the Department proposes to phase construction to measure benefits and ensure long-term success. The \$100,000 budgeted for this project enables staff to commit matching funds for grant applications.



CRA - 8th Street Stormwater Improvements (\$300,000)

In FY17-18, the Community Redevelopment Agency (CRA) is scheduling a streetscape improvement project on 8th Street. As part of this project, the Stormwater Division will perform stormwater storage, conveyance, and water quality system upgrades as needed.

Special Grant Projects

The following project is pending the receipt of grant funds:

- Oyster Beds & Sea Grass Project – a grant will be requested from the SFWMD- BCB annual water quality grant program, as well as FDEP grant opportunities.

STORMWATER FUND - FUND 470
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Amended Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Working Capital	8,082,325	8,159,733	8,249,367	8,290,609	741,778	2,448,207
Estimated Revenues						
Charges for Services	4,620,000	4,712,400	4,759,524	4,807,119	4,879,226	4,952,414
Grants	0	0	0	0	0	0
Interest/Other	352,435	357,722	363,087	368,534	374,062	379,673
Total Revenues	4,972,435	5,070,122	5,122,611	5,175,653	5,253,288	5,332,087
Estimated Expenditures						
Stormwater Division	1,882,509	1,901,334	1,920,347	1,939,551	1,958,946	1,978,536
Natural Resources	383,347	387,180	391,052	394,963	398,912	402,902
Debt Payments	239,871	239,973	239,970	239,970	239,000	239,000
Total Expenditures	2,505,727	2,528,488	2,551,370	2,574,484	2,596,859	2,620,437
Net Income before Capital	2,466,708	2,541,634	2,571,242	2,601,169	2,656,429	2,711,650
Available for Capital Projects	10,549,033	10,701,367	10,820,609	10,891,778	3,398,207	5,159,856
CIP Requests including Rollovers	2,389,300	2,452,000	2,530,000	10,150,000	950,000	2,450,000

CAPITAL IMPROVEMENT PROJECTS STORMWATER FUND 470

CIP	PROJECT	Amended Budget	Dept Request	2018-19	2019-20	2020-21	2021-22
NUMBER	DESCRIPTION	2016-17	2017-18				
18V02	Citywide Stormwater Improvements	1,000,000	700,000	700,000	700,000	700,000	700,000
18V05	Stormsewer Pipe Lining	200,000	150,000	150,000	0	0	0
18V27	Citywide Lake Maint. & Improvements (1)	375,000	70,000	1,100,000	75,000	250,000	1,750,000
18V26	Beach Restoration & Outfall Improvement (1)	799,300	125,000	125,000	9,000,000	0	0
18V15	Naples Bay Restoration & Water Quality at Cove PS (1)	0	1,000,000	0	0	0	0
18V33	Pressure Washer (4)	0	7,000	0	0	0	0
18V12	Oyster Reef & Seagrass Restoration Project (1) (2)	0	100,000	100,000	100,000	0	0
18C14	8th Street Stormwater Improvements (3)	0	300,000	0	0	0	0
	1st Ave South Stormwater Improvements (3)	0	0	30,000	275,000	0	0
	Street Sweeper Replacement	0	0	325,000	0	0	0
	Panga Boat Motor	15,000	0	0	0	0	0
TOTAL STORMWATER FUND		2,389,300	2,452,000	2,530,000	10,150,000	950,000	2,450,000

(1) Grant application associated with this project, but no funds anticipated at this time.

(2) Oyster Reef & Seagrass Restoration assumes 50-50 grant match requirement.

(3) Coordinated with CRA Project for Street Design/Paving

(4) This capital purchase represents 50% of the total price of the equipment. The remaining 50% is found within the Streets & Traffic CIP for the same item.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Citywide Stormwater Improvements

DEPARTMENT: 60 Storm Water/Drainage **FUND:** 470 Storm Water Fund

PROJECT NUMBER: 18V02 **CIP SCORE:** 83 **DEPT RANK:** 1

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Inspection, replacement and installation of stormwater drainage facilities throughout the City, along with repair and replacement of pump station hardware, lake aerators, floating islands, surveying, design, permitting and engineering.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The purpose of this ongoing annual project is to protect both private and public property from adverse high water conditions caused by storm events of various magnitude. Capital work under this program may include the investigation and repair of major and minor storm sewers, drainage inlets and manholes, control structures, pump station hardware, discharge/outfall structures, culverts, concrete and grass swales and related drainage facilities on an on-going annual basis. Appropriate levels of replacement and/or construction of new supplemental drainage facilities are critical to maintaining desired or prescribed stormwater levels of service. Such work is typically performed by contractors under annual service contracts with the most competitive pricing and most qualified staff. In addition, this project will fund ongoing GIS Data Acquisition and mapping for all basins per the City's NPDES Permit.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000
TOTAL COST					\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000
TOTAL	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 1,000,000	\$ 1,000,000	\$ -
FY 2015-16 & Prior		\$ 650,000	\$ 650,000	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Stormsewer Pipe Lining

DEPARTMENT: 60 Storm Water/Drainage

FUND: 470 Storm Water Fund

PROJECT NUMBER: 18V05

CIP SCORE: 80

DEPT RANK: 2

PROJECT TYPE: Ongoing Mainten.

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Recovering deteriorated stormsewer pipes throughout the City by lining them with cured-in-place plastic liners.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

There are several disjointed and/or corroded pipes that are close to failing as a result of age and environment. Standard repair methods include ground clearing, excavation and installation of new pipe. However, this can be problematic particularly in easements where private property owners have installed fences, landscaping and other structures. An alternative method to standard invasive repairs is pipe lining which includes the installation of a flexible plastic liner that is inflated with hot water and cured to take the shape of the pipe interior.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 150,000	\$ 150,000			\$ -
TOTAL COST					\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 150,000	\$ 150,000			
TOTAL	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 200,000	\$ 200,000	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR
10/1/2017

END: MONTH/YEAR
9/30/2018

PREPARED BY: G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Citywide Lake Maintenance & Improvements

DEPARTMENT: 60 Storm Water/Drainage **FUND:** 470 Storm Water Fund

PROJECT NUMBER: 18V27 **CIP SCORE:** 77 **DEPT RANK:** 3

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Citywide lake maintenance and improvements include lake restoration design, permitting & construction.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Stormwater lakes are one of the most important ways pollutants are removed from stormwater runoff. Stormwater lakes also provide flood protection by attenuating large volumes of water. FY 17-18 CIP funding would be allocated to minor improvements and repairs to lakes that may include, spot dredging, new aeration systems, floating islands, mineral, biological and chemical treatment systems, the creation of littoral shelves, and exotic vegetative removal. In out years, City staff has budgeted for design and construction of lake restoration efforts that are in accordance with the citywide Lake Management Plan. In FY16-17, staff began design and permitting the restoration effort at Lake #19 along 15th Avenue North. Permitting is expected to extend into FY17-18 and restoration is programmed in FY18-19. The improvements to Lake #19 would be similar to those performed at Lake Manor (#22) in FY14-15.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 70,000	\$ 1,100,000	\$ 75,000	\$ 250,000	\$ 1,750,000
TOTAL COST					\$ 70,000	\$ 1,100,000	\$ 75,000	\$ 250,000	\$ 1,750,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 70,000	\$ 1,100,000	\$ 75,000	\$ 250,000	\$ 1,750,000
TOTAL	\$ 70,000	\$ 1,100,000	\$ 75,000	\$ 250,000	\$ 1,750,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 375,000	\$ 375,000	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** G. Strakaluse, P.E.

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Beach Restoration & Outfall Water Quality Improvement Project

DEPARTMENT: 60 Storm Water/Drainage **FUND:** 470 Storm Water Fund

PROJECT NUMBER: 18V26 **CIP SCORE:** 73 **DEPT RANK:** 4

PROJECT TYPE: Ongoing Maintenance **VISION PLAN:** Green Jewel of SW Florida

PROJECT

DESCRIPTION/LOCATION:

There are 10-stormwater pipes along Naples Beaches that discharge stormwater directly into the Gulf of Mexico at the recreational swim area. This CIP maintains the current pipe system and also includes the design, permitting and construction of an improved system intended to improve water quality, sea turtle habitat, lateral beach access, and reduce beach erosion.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In 2013, the Stormwater Department submitted a final report entitled: Beach Outfall Management Evaluation to City Council. In it, the report studied various options for the City's ten stormwater beach outfalls and ranked those options in order of impact, permit ability, constructability, and cost. At the April 15, 2013 City Council Workshop, consensus was to direct staff to investigate the alternative that includes the consolidation of beach outfalls and discharge into one or more deep ocean outfalls, possibly via a pump station. In FY14-15, staff and its consultant prepared a 30% Preliminary Design Report that demonstrated how the outfall system could be improved by way of two pump stations and several water quality improvement techniques. This effort will include significant community involvement and regulatory process. Therefore, construction is programmed in two phases (north and south). Phase I is schedule for FY19-20. The future goal continues to be a consolidation plan with focus on reducing flooding, improving water quality, improving beach access, reducing beach erosion, improving sea turtle habitat and eliminating visual impacts of numerous pipes on the beach. In FY17-18, funding is allocated to continuing maintenance of the existing pipes on the beach.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 125,000	\$ 125,000	\$ 9,000,000	\$ -	\$ -
TOTAL COST					\$ 125,000	\$ 125,000	\$ 9,000,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 125,000	\$ 125,000	\$ 9,000,000	\$ -	\$ -
TOTAL	\$ 125,000	\$ 125,000	\$ 9,000,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 750,000	\$ 750,000	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Naples Bay Water Quality Improvement at the Cove Pump Station

DEPARTMENT: 60 Storm Water/Drainage **FUND:** 470 Storm Water Fund

PROJECT NUMBER: 18V15 **CIP SCORE:** 71 **DEPT RANK:** 5

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

The Cove Stormwater Pump Station is located on Broad Avenue South and is the central point of drainage for a 440 acre drainage area. This project would dredge accumulated sediment and create water quality and infrastructure improvements that will benefit the environment and long-term maintenance.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The Cove Stormwater Pump Station drains over 440 acres of residential and commercial property in Old Naples. The station discharges approximately ½ billion gallons per rainy season. Decades of discharge have caused sediment to accumulate at the outfall in Naples Bay. This project will design and permit the excavation of accumulated sediment, as well as develop the area into an impoundment structure to improve water quality prior to discharging into Naples Bay. In FY15-16, City Council approved the final design and permitting phase for this project. This CIP includes construction in FY17-18 at \$1,000,000. There is a strong potential for grant funding related to this project.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 1,000,000				\$ -
TOTAL COST					\$ 1,000,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 1,000,000				
TOTAL	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 434,000	\$ 434,000	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Pressure Washer with Water Tank

DEPARTMENT: 60 Storm Water/Drainage **FUND:** 470 Storm Water Fund

PROJECT NUMBER: 18V33 **CIP SCORE:** 55 **DEPT RANK:** 6

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Purchase of a pressure washer with water tank to clean and maintain infrastructure such as bridges, signs, concrete, removing barnacle and oyster build up on outfall pipes, etc.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In recent years, staff has been borrowing a pressure washer and water tank from the Community Services Department for occasional infrastructure cleaning. The Department's need to clean and clear infrastructure has increased for both the Streets and Stormwater Divisions, cleaning signs, bridges, stained concrete, as well as removing oyster and barnacle buildup from stormwater outfall pipes. The purchase of this equipment is recommended to be shared equally between the Streets & Traffic Fund and the Stormwater Fund.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 7,000				\$ -
TOTAL COST					\$ 7,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 7,000				
TOTAL	\$ 7,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ -	\$ -	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Naples Bay Water Oyster Reef & Seagrass Restoration

DEPARTMENT: 60 Storm Water/Drainage **FUND:** 470 Storm Water Fund

PROJECT NUMBER: 18V12 **CIP SCORE:** 52 **DEPT RANK:** 7

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Restoration of oyster reefs and seagrass beds within Naples Bay

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In FY14-15, staff completed design and permitting of a project to allow the City to create approximately 15 acres of oyster beds and 1-2 acres of seagrass beds in Naples Bay. Design and Construction is intended to focus on areas within Naples Bay that provide the highest possible changes for long-term success and survival. At this time, the estimated cost of construction is \$1,050,000 but staff proposes to phase construction over many years and rely on matching grant funding. The \$100,000 budgeted for this project enables staff to commit matching funds for grant applications.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 100,000	\$ 100,000	\$ 100,000		\$ -
TOTAL COST					\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 100,000	\$ 100,000	\$ 100,000		
TOTAL	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 350,000	\$ -	\$ 350,000
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ 350,000

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** G. Strakaluse, P.E.

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: 8th Street Stormwater Improvements

DEPARTMENT: 60 Storm Water/Drainage **FUND:** 470 Storm Water Fund

PROJECT NUMBER: 18C14 **CIP SCORE:** 43 **DEPT RANK:** 8

PROJECT TYPE: New **VISION PLAN:** Strengthen Economy

PROJECT DESCRIPTION/LOCATION:

As part of the 8th Street streetscape improvements planned within the Community Redevelopment Agency and by the CRA, stormwater funds are proposed to be allocated to upgrade the stormsewer system in order to improve drainage and the quality of stormwater discharge in the area.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

In FY17-18, the CRA CIP includes a streetscape improvement project. As part of these projects, the Stormwater Division reviews its existing infrastructure and upgrades stormwater storage, conveyance, and water quality systems.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
470	60	61	537	560300	\$ 300,000				\$ -
TOTAL COST					\$ 300,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Operating Revenue	\$ 300,000				
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ -	\$ -	\$ -
FY 2015-16 & Prior		\$ -	\$ -	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** G. Strakaluse, P.E.



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CAPITAL IMPROVEMENTS PROGRAM

Recreation Funds

The five funds included under this title are:

- Beach Fund (Fund 430)
- Tennis Fund (Fund 480)
- Dock Fund (Fund 460)
- The Baker Park Fund (Fund 125)
- Community Development Block Grant (Fund 130)

The Beach Fund CIP (Fund 430)

The Beach Fund receives the majority of its revenues from beach parking fees.

The City removes litter, algae and rocks along the public access beach portions, using a beach cart. These carts tend to have an estimated life of one year due to sand and water. The Beach Cart (\$14,000) is fully funded from a TDC Grant.

One of the Beach Specialists' all terrain ATVs (\$15,000) managed by the Police Department has met the 15 point criteria and is scheduled for replacement.

The major projects are managed by Community Services and include the repair and upgrade of the Lowdermilk Pavilion and the park at 8th Ave S.

The Tennis Fund (Fund 480)

The carpet in the Pro-Shop is 12 years old and is worn and soiled in areas of high traffic. The request is to have the carpet replaced with carpet squares to allow for easy replacement in the future. The exterior doors on the first and second floor of the Tennis Pro Shop are rusted and dented beyond repair and Facilities Maintenance recommends the doors be replaced. (\$11,500)

The existing tennis court lighting are to be replaced with LED lights. The \$40,000 project also includes light pole replacement. FY18-19 funding allows for a lighting study to be completed and specifications for new lighting to be developed and, convert lighting on one court for demonstration purposes. FY19-20 funding allows for replacing poles and light fixtures are remaining courts. A cost estimate will be available once the lighting study is complete.

Other projects include annual maintenance and a maintenance vehicle, which has met the 15 point criteria.

The Dock Fund (Fund 460)

In February 2017, the City opened bids for the complete renovation of the City's Dock. The project will begin in FY 16-17, and complete by December 2017. Thus, there will be no capital projects for the dock for several years.

The Baker Park (Fund 125)

The Baker Park fund was established for FY 13-14 to track revenue and expenditures for the development of Baker Park.

In 2013, the City purchased of 6.7 acres of property between Riverside Circle and the Gordon River which, when combined with an adjacent 8.3 acres of property owned by the City, created a 15-acre park, now called Baker Park.

Staff and the architect are designing the park to the budget of \$12.55 million. At this phase of design, some park features or elements are no longer included in the budget, due to funding. If donations or alternative funding sources are found, these items, included in design, can be constructed. Some of the features that were once included in the park but have been excluded from the budget include:

- Boardwalks along the river between the kayak launch and the Gordon River Greenway bridge
- The park entry feature (architectural element)
- Concrete or clay pavers at the parking lot and along some walkways
- Rain garden boardwalk
- Architecture beyond the main building with restrooms

The preliminary estimate is that the park construction is expected to start in December 2017 and be completed by December 2018.

As part of the Baker Park Project, a bridge and boardwalk, part of the Gordon River Greenway (GRG), will be constructed. The GRG is a planned public pedestrian trail through 2 miles of wetlands and uplands along the Gordon River. The City's portion, the Gordon River bridge, will be under construction during FY 17 and FY 18, with tentative completion by February 2018.

Community Development Block Grant Fund (Fund 130)

The federal allocation available from Collier County is expected to be approximately \$175,000 and will be used for restrooms at Anthony Park. Anthony Park is a heart shaped, 7.92 acre park on the Gordon River, with activity space, a fishing pier, walking trails, a basketball court, a tennis court, and picnic shelters. The restrooms were closed several years ago and need to be renovated prior to reopening.



BEACH FUND - FUND 430
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Working Capital	3,531,168	3,195,432	2,864,898	2,716,556	2,662,256	2,344,952
Estimated Revenues						
Revenue	1,590,400	1,800,000	1,818,000	1,836,180	1,845,361	1,854,588
Collier County	0	0	0	0	0	0
TDC Operating Grants	161,000	146,000	116,000	116,000	116,000	116,000
Total Revenues	1,751,400	1,946,000	1,934,000	1,952,180	1,961,361	1,970,588
Estimated Expenditures						
Administration	619,830	622,929	626,044	629,174	632,320	635,481
Naples Pier	68,700	68,000	68,000	68,000	68,000	68,000
Beach Maintenance	735,406	739,083	742,778	746,492	750,225	753,976
Beach Enforcement	441,080	449,902	458,900	461,194	463,500	465,818
Lowdermilk Park	37,620	37,620	37,620	37,620	37,620	37,620
Total Expenditures	1,902,636	1,917,534	1,933,342	1,942,480	1,951,665	1,960,895
Net Income before Capital	(151,236)	28,466	658	9,700	9,696	9,693
Available for Capital Projects	3,379,932	3,223,898	2,865,556	2,726,256	2,671,952	2,354,645
CIP Requests (from List)	184,500	359,000	149,000	64,000	327,000	229,000

**CAPITAL IMPROVEMENT PROJECTS
BEACH FUND (Fund 430)**

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	DEPT REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
18R16	Lowdermilk Pavilion Repair	0	100,000	50,000	50,000	50,000	50,000
18R15	Beach Maintenance Cart (1)	14,000	14,000	14,000	14,000	14,000	14,000
18R20	8th Ave S Beach Park Improvements	0	200,000	0	0	0	0
18R13	Beach ATV Replacement (1)	18,000	15,000	15,000	0	15,000	15,000
18R11	Security Cameras	30,000	30,000	0	0	0	0
	Beach Specialist ATV Storage Garage	0	0	70,000	0	0	0
	Parking Pay Stations Update	0	0	0	0	248,000	150,000
	Lowdermilk Parking Lot Repaving	61,500	0	0	0	0	0
	Beach Maint Vehicle Replacement (1)	30,000	0	0	0	0	0
	Beach Specialist Vehicle Replacement (1)	31,000	0	0	0	0	0
TOTAL BEACH FUND		184,500	359,000	149,000	64,000	327,000	229,000

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Lowdermilk Park Concession Pavilion Repair

DEPARTMENT: 09 Community Services **FUND:** 430 Beach Fund

PROJECT NUMBER: 18R16 **CIP SCORE:** 79 **DEPT RANK:** 1

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Replace all the hurricane tie down straps and truss gusset plates.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

This is for replacement of all the hurricane tie down straps and truss gusset plates at the Lowdermilk Park Concession Pavilion. The original items have all rusted and need to be replaced to secure the roof trusses and frame. Cost estimate includes design, project management and contractor to perform the work. \$50,000 in out years reflect an action plan to update the facility and it's outbuildings.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
430	10	65	545	560300	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
TOTAL COST					\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
TOTAL	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/1/2018 **PREPARED BY:** M. Leslie

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Beach Maintenance Cart

DEPARTMENT: 10 Beach

FUND: 430 Beach Fund

PROJECT NUMBER: 18R15

CIP SCORE: 74

DEPT RANK: 2

PROJECT TYPE: Replacement

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replacement of the Beach Maintenance Cart

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The City removes litter, algae and rocks along the public access beach portions of the Gulf within the City limits. With 7 miles of beaches this can be performed more efficiently and effectively with a beach cart. This vehicle will replace the current 2011 Club Car, #84C115 which has had an overall maintenance cost of \$5,455. The sand and the salt water give these beach carts a useful life of about one year for beach purposes. Beach carts can be reused for less harsh environments in the city after service on the beach. The beach cart is fully funded from a TDC Grant.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
430	10	17	545	560700	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
TOTAL COST					\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Replacement - No added Cost					

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Grant	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000
TOTAL	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: J. Hodgdon

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: 8th Avenue South Beach Park Improvements

DEPARTMENT: 09 Community Services **FUND:** 430 Beach Fund

PROJECT NUMBER: 18R20 **CIP SCORE:** 72 **DEPT RANK:** 3

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Design and Improvements to the 8th Ave. S. Beach Park Improvements include handicap ramp replacement to meet ADA specifications, landscape and site amenity improvements.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The 8th Ave. S. Beach Park is a popular destination for residents and visitors, and is frequently rented for weddings. The existing ramp is constructed of pressure treated wood, which is not ADA compliant. The finished grade of the park is significantly higher than 8th Ave. S., therefore the park ramp system needs to be redesigned and replaced. In addition, the park does not have a drinking fountain and several of the pavers are settling; creating water ponding areas.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
430	10	17	519	560300	\$ 200,000				
TOTAL COST					\$ 200,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$200,000				
TOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/1/2018 **PREPARED BY:** D. Souza

City of Naples, FL
2017-18 CAPITAL REQUEST

PROJECT NAME: Beach Specialist All Terrain Vehicle Replacement (1)

DEPARTMENT: 11 Police

FUND: 430 Beach Fund

PROJECT NUMBER: 18R13

CIP SCORE: 25

DEPT RANK: 4

PROJECT TYPE: Replacement

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Beach patrol has three All Terrain Vehicles (ATVs) used for patrol and public safety. The average life of an ATV in this environment with public service use is 4-5 years to ensure reliability.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The oldest Beach Patrol ATV, a 2007 Honda. ID 74C722 is scheduled for replacement. This ATV has been on the beaches for ten years in a saltwater environment, negatively impacting reliability and causing obvious signs of rust/wear. This program assumes the continued replacement of one ATV every four or five years as needed. Beach Patrol 2007 Honda ATV 74C771 is scheduled for replacement the following year (FY 2018-19).

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
430	10	18	545	560700	\$ 15,000	\$ 15,000	\$ -	\$ 15,000	\$ 15,000
TOTAL COST					\$ 15,000	\$ 15,000	\$ -	\$ 15,000	\$ 15,000

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 15,000	15,000	-	15,000	15,000
					\$ -
TOTAL	\$ 15,000	\$ 15,000	\$ -	\$ 15,000	\$ 15,000

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
Project to date				

PROJECT START: MONTH/YEAR
Oct. 2017

END: MONTH/YEAR
May 2018

PREPARED BY: M. O'Reilly

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Beach Security Camera Project

DEPARTMENT: 80 Technology Services **FUND:** 430 Beach Fund

PROJECT NUMBER: 18R11 **CIP SCORE:** 19 **DEPT RANK:** 5

PROJECT TYPE: New **VISION PLAN:** Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Beach Security Cameras

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Additions to the City IP (Internet Protocol) Cameras deployment that feed live video back into the City SAN (Storage Area Network) for review of the City's beaches as needed.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
430	10	01	519	560400	\$ 30,000	\$ -	\$ -	\$ -	\$ -
TOTAL COST					\$ 30,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Power and Communications	\$ 600	\$ 700	\$ 800	\$ 900	\$ 1,000

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$30,000	\$0	\$0	\$0	\$0
TOTAL	\$ 30,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17		\$ 30,000	\$ 30,000	\$ -
FY 2015-16 & Prior		\$ 30,000	\$ 30,000	\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/30/2018 **PREPARED BY:** Mark Jackson



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TENNIS FUND - FUND 480
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Working Capital	349,653	356,282	325,564	262,459	197,349	230,112
Estimated Revenues						
Lessons	245,000	248,675	252,405	256,191	260,034	263,935
Memberships	154,500	156,818	159,170	161,557	163,981	166,440
Daily Play, Tournaments, Etc	47,000	47,705	48,659	49,632	50,625	51,637
General Fund Transfer	47,500	47,500	47,500	47,500	47,500	47,500
Interest/Other	124,000	125,860	127,748	129,664	131,609	133,583
Total Revenues	618,000	626,558	635,482	644,545	653,749	663,096
Estimated Expenditures						
Personal Services	239,521	246,707	254,108	261,731	269,583	277,670
Operating Expenses	321,850	341,069	344,479	347,924	351,403	354,917
Total Expenditures	561,371	587,775	598,587	609,655	620,986	632,588
Net Income before Capital	56,629	38,782	36,895	34,890	32,763	30,508
Available for Capital Projects	406,282	395,064	362,459	297,349	230,112	260,620
CIP Requests (from List)	50,000	69,500	100,000	100,000	0	0

CAPITAL IMPROVEMENT PROJECTS
ARTHUR L. ALLEN TENNIS CENTER TENNIS FUND (Fund 480)

CIP	PROJECT	Amended Budget	DEPT REQUEST				
NUMBER	DESCRIPTION	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
18G18	Tennis Center Carpet and Doors	0	11,500	0	0	0	0
18G20	Tennis Court Lighting	0	40,000	100,000	100,000	0	0
18G21	Maintenance Vehicle	0	18,000	0	0	0	0
	Tennis Courts (4) Fencing	50,000	0	0	0	0	0
TOTAL TENNIS FUND		50,000	69,500	100,000	100,000	0	0

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Arthur L. Allen Tennis Center- Carpet and Doors

DEPARTMENT: 09 Community Services **FUND:** 480 Tennis Fund

PROJECT NUMBER: 18G18 **CIP SCORE:** 78 **DEPT RANK:** 1

PROJECT TYPE: Replacement **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replace the carpet and exterior doors at the Arthur L. Allen Tennis Center.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The carpet in the Pro-Shop is 12 years old and is worn and soiled in areas of high traffic. This request is to have the carpet replaced with carpet squares to allow for easy replacement when soiled or worn in the future. The exterior doors on the first and second floor of the Tennis Pro Shop are rusted and dented beyond repair and Facilities Maintenance recommends the doors be replaced.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
480	09	12	572	560300	\$ 11,500				
TOTAL COST					\$ 11,500	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 11,500				
TOTAL	\$ 11,500	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/1/2018 **PREPARED BY:** M. Leslie

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Tennis Court Lighting Upgrades

DEPARTMENT: 09 Community Services **FUND:** 480 Tennis Fund

PROJECT NUMBER: 18G20 **CIP SCORE:** 73 **DEPT RANK:** 2

PROJECT TYPE: Ongoing Mainten. **VISION PLAN:** Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Replace existing court lighting with LED lights. Includes pole replacement.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

FY18 funding allows for a lighting study to be completed and specifications for new lighting to be developed and, convert lighting on one court for demonstration purposes. FY19 funding allows for replacing poles and light fixtures at remaining courts. The cost estimate will be updated once the lighting study is complete.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
480	09	12	572	560300	\$ 40,000	\$ 100,000	\$ 100,000		
TOTAL COST					\$ 40,000	\$ 100,000	\$ 100,000	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 40,000	\$ 100,000	\$ 100,000		
TOTAL	\$ 40,000	\$ 100,000	\$ 100,000	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 9/1/2018 **PREPARED BY:** K. Walker

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Replacement of Maintenance Vehicle at Arthur L. Allen Tennis Center

DEPARTMENT: 09 Community Services **FUND:** 480 Tennis Fund

PROJECT NUMBER: 18G21 **CIP SCORE:** 78 **DEPT RANK:** 3

PROJECT TYPE: Replacement **VISION PLAN:** Not applicable

PROJECT DESCRIPTION/LOCATION:

Replacement of Maintenance Vehicle (a Giliberti ServAce) at the Arthur L. Allen Tennis Center

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The maintenance vehicle at the Arthur L. Allen Tennis Center has now been in service for 10+ years. It is used daily and is critical to maintaining the clay courts. Equipment Services recommends the vehicle be replaced due to increased maintenance costs.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
480	09	12	572	560700	\$ 18,000				
TOTAL COST					\$ 18,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Operating Revenue	\$ 18,000				
TOTAL	\$ 18,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

PROJECT START: MONTH/YEAR 10/1/2017 **END:** MONTH/YEAR 6/1/2018 **PREPARED BY:** K. Walker



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BAKER PARK FUND
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Years 2018-22

	Amended Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Fund Balance	8,291,845	11,584,845	64,345	64,345	64,345	64,345
Estimated Revenues						
Park Pledges and donations	375,000	829,500	0	0	0	0
Transfers including impact fee	6,550,000	0	0	0	0	0
Impact Fees	250,000	200,000	0	0	0	0
Mid Year adjustment for Bridge	1,714,160	0	0	0	0	0
NAA Avigation Easement	0	0	0	0	0	0
Total Revenues	8,889,160	1,029,500	0	0	0	0
Estimated Expenditures						
Capital Projects Bridge	4,414,160	0	0	0	0	0
Capital Projects/Baker Park	1,182,000	12,550,000	0	0	0	0
Total Expenditures	5,596,160	12,550,000	0	0	0	0
Revenue Commitments through 9/30/2016						
City Fund Transfers	4,000,000					
Public Service Tax Fund	2,500,000					
General Fund Transfer FY16-17	5,500,000					
CRA Transfer FY16-17	1,000,000					
Bridge Transfer FY 16-17	1,714,160					
Impact Fees	350,000					
Avigation Easement	0					
Sale of Land	225,000					
Donations Received	3,141,314					
Total	18,430,474					

**CAPITAL IMPROVEMENT PROJECTS
BAKER PARK (FUND 125)**

CIP NUMBER	PROJECT DESCRIPTION	Amended Budget 2016-17	Fund Request 2017-18	2018-19	2019-20	2020-21	2021-22
15A16	Baker Park-Gordon River Bridge Component	4,414,160	0	0	0	0	0
13A03	Baker Park - Construction & Development	1,182,000	12,550,000	0	0	0	0
FUND TOTAL		5,596,160	12,550,000	0	0	0	0

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Baker Park Construction and Development

DEPARTMENT: 09 Community Services

FUND: 125 Baker Park Fund

PROJECT NUMBER: 13A03

CIP SCORE: 51

DEPT RANK: 1

PROJECT TYPE: Carry forward*

VISION PLAN: Preserve Character/Culture

PROJECT DESCRIPTION/LOCATION:

Construction and development of a 15 acre property within the City known as Baker Park. In 2013 the City purchased 6.7 acres of property, which combined with 8.36 acres owned by the City is being constructed and developed as a new City park, now called Baker Park.

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

Private donations and City funds will be used to design, permit, construct and inspect construction of Baker Park. 100% plans are expected in October, 2017, with construction starting in late 2017. Naples City Council receives updates at workshops regarding the park features.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
125	09	01	519	560300	\$ 12,550,000				
TOTAL COST					\$ 12,550,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Community Services Operating		\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Fund Balance	12,550,000				
TOTAL	\$ 12,550,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17	Engineering		1,181,830	(1,181,830)
FY 2015-16 & Prior	Engineering and design, peer review, survey, etc		1,364,651	(1,364,651)
Project to date			2,546,481	(2,546,481)

PROJECT START: MONTH/YEAR
10/1/2015

END: MONTH/YEAR
9/30/2018

PREPARED BY: A. Ricardi



CAPITAL IMPROVEMENTS PROGRAM

Other Funds

The funds included in this section are:

- Technology Services Fund (Fund 520)
- Equipment Services Fund (Fund 530)
- East Naples Bay (Fund 150)
- Community Development Block Grant (Fund 130)

The Technology Services Fund (Fund 520)

For FY 17-18, Technology Services, one of the City's internal funds, has no capital projects requested. However, the department manages the rollout and installation of any other technology projects. For FY 17-18, these include:

- | | |
|--|----------|
| • Police Notebook Replacements (MDT's) | \$55,000 |
| • Police 3D Crime Scene Equipment/Software | \$87,000 |
| • Police Interactive Monitors | \$20,000 |
| • Planning -City View Software Module | \$55,200 |
| • Building Electronic Permitting (final phase) | \$65,000 |

The Equipment Services Fund (Fund 530)

For FY 17-18, Equipment Services, one of the City's internal funds, has no capital projects requested. Capital requirements in the out years are for replacements and upgrades to current equipment, with total costs ranging from \$50,000 to \$100,000 annually.

The East Naples Bay Fund (Fund 150)

East Naples Bay is a Taxing District with a millage rate of 0.5000. The district was established by referendum in 1987 to accomplish maintenance dredging in the channel and waterway within the district and to maintain necessary aids to navigation. The only planned project is one that may be required in FY20-21 to remove rock in the channel.

The Community Block Grant Fund (Fund 130)

The Community Block Grant Fund has a federal grant application for restroom construction at Anthony Park. The exact dollar amount of the City's federal allocation has not been published yet by the US Department of Housing and Urban Development, the City is estimating \$175,000.



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TECHNOLOGY SERVICES FUND - FUND 520
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Years 2018-22

	Amended Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Working Capital	660,250	446,081	677,323	594,084	742,107	471,202
Estimated Revenues						
Charges for Services	1,629,880	1,654,328	1,679,143	1,704,330	1,729,895	1,755,844
Interest/Other	5,200	5,278	5,357	5,438	5,519	5,602
Total Revenues	1,635,080	1,659,606	1,684,500	1,709,768	1,735,414	1,761,446
Estimated Expenditures						
Personal Services	502,240	512,285	522,500	533,000	543,700	554,600
Operating Expenses	907,009	916,079	925,240	943,745	962,620	981,872
Total Expenditures	1,409,249	1,428,364	1,447,740	1,476,745	1,506,320	1,536,472
Net Income before Capital	225,831	231,242	236,760	233,023	229,095	224,974
Available for Capital Projects	886,081	677,323	914,084	827,107	971,202	696,175
CIP Requests (from List)	440,000	0	320,000	85,000	500,000	0

**CAPITAL IMPROVEMENT PROJECTS
TECHNOLOGY SERVICES FUND (Fund 520)**

CIP NUMBER	PROJECT DESCRIPTION	Adopted Budget 2016-17	Dept Request 2017-18	2018-19	2019-20	2020-21	2021-22
15T08	Security Camera Project	30,000	0	30,000	0	75,000	0
	Hyper-V Virtual Host Servers / Networking	0	0	45,000	0	45,000	0
	Storage Area Network	0	0	95,000	45,000	0	0
	Time Clock Replacement	0	0	0	40,000	0	0
	Station 1 Data Center	0	0	150,000	0	0	0
	PC Replacement Program (400)	410,000	0	0	0	380,000	0
TOTAL TECHNOLOGY SERVICES FUND		440,000	0	320,000	85,000	500,000	0

EQUIPMENT SERVICES FUND - FUND 530
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Working Capital	206,633	247,827	357,760	364,618	401,615	388,752
Estimated Revenues						
Charges for Fuel	642,500	681,050	694,671	708,564	722,736	737,190
Charges for Maintenance	1,558,000	1,620,320	1,636,523	1,669,254	1,702,639	1,736,692
Other	78,790	79,972	79,972	79,972	79,972	79,972
Total Revenues	2,279,290	2,381,342	2,411,166	2,457,790	2,505,346	2,553,854
Estimated Expenditures						
Personal Services	728,803	747,023	769,434	784,822	800,519	824,534
Operating Expenses	1,509,293	1,524,386	1,554,874	1,585,971	1,617,691	1,650,044
Total Expenditures	2,238,096	2,271,409	2,324,307	2,370,794	2,418,209	2,474,579
Net Income before Capital	41,194	109,933	86,859	86,996	87,137	79,275
Available for Capital Projects	247,827	357,760	444,618	451,615	488,752	468,027
CIP Requests (from List)	0	0	80,000	50,000	100,000	50,000

CAPITAL IMPROVEMENT PROJECTS EQUIPMENT SERVICES FUND 530

CIP NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	DEPT REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
	Facility Generator Replacement	0	0	80,000	0	0	0
	Portable Vehicle Lifts	0	0	0	50,000	50,000	0
	Fuel Tracking Software Upgrades (Trak)	0	0	0	0	50,000	0
	Heater Upgrades (Efficient Models)	0	0	0	0	0	50,000
TOTAL EQUIPMENT SERVICES FUND		0	0	80,000	50,000	100,000	50,000



**EAST NAPLES BAY TAXING DISTRICT
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Years 2018-22**

	Amended Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Fund Balance	78,164	465,729	719,697	984,496	1,260,575	548,399
East Naples Bay Funding Sources						
Property Taxes	273,565	284,508	295,888	307,723	320,032	332,834
Other	6,000	6,000	6,000	6,000	6,000	6,000
Total Revenues	279,565	290,508	301,888	313,723	326,032	338,834
Expenditures						
Operations and transfers	92,000	36,540	37,088	37,644	38,209	38,782
Total Expenditures	92,000	36,540	37,088	37,644	38,209	38,782
Net Income before Capital	187,565	253,968	264,800	276,079	287,823	300,051
Available for Capital Projects	265,729	719,697	984,496	1,260,575	1,548,399	848,450
CIP Requests (from List)	0	0	0	0	1,000,000	0

**CAPITAL IMPROVEMENT PROJECTS
EAST NAPLES BAY TAXING DISTRICT (FUND 150)**

CIP NUMBER	PROJECT DESCRIPTION	Amended Budget 2016-17	Dept Request 2017-18	2018-19	2019-20	2020-21	2021-22
	Rock Removal	0	0	0	0	1,000,000	0
	Canal Markers	0	0	0	0	0	0
FUND TOTAL		0	0	0	0	1,000,000	0



COMMUNITY DEVELOPMENT BLOCK GRANT - FUND 130
FINANCIAL ESTIMATES FOR CAPITAL PROJECTS
Fiscal Year 2018-22

	Amended Budget 2016-17	Projected 2017-18	2018-19	2019-20	2020-21	2021-22
9/30 Fund Balance	74,852	74,852	249,852	249,852	249,852	249,852
Estimated Revenues						
CDBG Entitlement Funds	166,930	175,000	0	0	0	0
Total Revenue	166,930	175,000	0	0	0	0
Estimated Expenditures						
Operating Expense	0	0	0	0	0	0
Total Expenditures	0	0	0	0	0	0
Available for Capital Projects	241,782	249,852	249,852	249,852	249,852	249,852
CIP Requests (from List)	166,930	0	0	0	0	0

CAPITAL IMPROVEMENT PROJECTS COMMUNITY DEVELOPMENT BLOCK GRANT (FUND 130)

PROJECT NUMBER	PROJECT DESCRIPTION	AMENDED BUDGET 2016-17	DEPT REQUEST 2017-18	2018-19	2019-20	2020-21	2021-22
18C60	Anthony Park Restrooms	0	175,000	0	0	0	0
	Sidewalk Improvements at River Park	166,930	0	0	0	0	0
TOTAL CDBG FUND		166,930	0	0	0	0	0

**City of Naples, FL
2017-18 CAPITAL REQUEST**

PROJECT NAME: Restroom Construction at Anthony Park

DEPARTMENT: 09 Community Services

FUND: 130 Community Block Grant Fund

PROJECT NUMBER: 18C60

CIP SCORE: 55

DEPT RANK: 1

PROJECT TYPE: New

VISION PLAN: Extraordinary Quality of Life

PROJECT DESCRIPTION/LOCATION:

Resolution 2017-13919 - an application for federal funding support in constructing restrooms at Anthony Park

JUSTIFICATION: For replacement vehicles, current vehicle make/model/ year, mileage/hours and prior year maintenance costs must be included.

The exact dollar amount of the City's federal allocation has not been published yet by the US Department of Housing and Urban Development, the City is estimating \$175,000 for restroom construction at Anthony Park.

PROJECT COST

Fund	Dept	Div	Function	Object	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
130	09	17	519	560300	\$ 175,000				
TOTAL COST					\$ 175,000	\$ -	\$ -	\$ -	\$ -

Include any prior year carryforward* in this requested amount.

ESTIMATED OPERATING BUDGET IMPACT (maintenance, utilities, etc)

Water, paper supplies and maintenance	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000

FUNDING SOURCES

	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Choose One:					
Grant	\$ 175,000				
TOTAL	\$ 175,000	\$ -	\$ -	\$ -	\$ -

Totals for funding sources and project expenses must reconcile for each year.

***REFERENCE ONLY - PROJECT CARRY FORWARD FROM 2016-17 BUDGET**

STATUS:	
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SUMMARY OF PRIOR ACTIVITY

Fiscal Year	Activities	Budgeted	Spent	Balance
FY 2016-17				\$ -
FY 2015-16 & Prior				\$ -
Project to date				\$ -

MONTH/YEAR

MONTH/YEAR

PROJECT START: 10/1/2017

END: 9/30/2018

PREPARED BY: Tarin Bachle