



# CAPITAL IMPROVEMENT PLAN

# 2018

Fiscal Years:  
2017/18 - 2022/23

June 28, 2018

City of St. Peters, Missouri





**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
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**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
INTRODUCTION**

A Capital Improvement Plan is a tool to assess the long-term capital needs of a city and to establish funding of high-priority projects in a timely and cost-effective fashion. The City has been continuously refining the process of long-term capital planning. The goal has been to replace and repair deteriorating infrastructure and to add new facilities to insure the quality of life that St. Peters' residents enjoy. As part of an evolving planning process, during the 1997/1998 Fiscal Year the City prepared its first comprehensive Capital Improvement Plan (CIP).

The CIP is intended to ensure that policy makers are responsible to residents and businesses of St. Peters with respect to the expenditure of City funds for capital projects. Implementation of the plan is intended to provide residents and businesses with high quality infrastructure and continued and efficient provision of the services they expect.

The CIP lists projects, describes them, estimates the costs, and describes the funding method to be utilized. Projects in the plan were identified by operating departments and reviewed by City elected officials and staff. Project cost estimates were also provided by operating departments. Prioritizing of projects was initiated at the departmental level with final review, prioritizing, and approval by the Board of Aldermen.

This CIP covers the period for Fiscal Years 2017/18 through 2022/23. The capital projects and acquisitions included in the plan are fixed assets with a useful life of at least two years and major maintenance or improvements that extend the life of an existing City fixed asset by at least two years. Descriptions are provided for projects and capital assets that cost \$50,000 or higher, projects with components that exceed \$50,000, and multi-year projects that have a total cost of \$50,000 or more over the next five years.

As a point of reference, portions of the budget for Fiscal Year 2017/18 relating to capital projects are included in the plan. The capital projects and acquisitions included in the plan for Fiscal Year 2017/18 will be integrated in the City's 2018/19 budget. Subsequent years of the CIP are intended to provide a framework for planning and future spending. These sections are, however, subject to change and amendment as City conditions warrant in future years.

The current year's plan is based upon direction provided by the Board of Aldermen at the pre-Capital Improvement Plan meeting and the Capital Improvement Plan Work Sessions. Also included in the plan are proposed rate increases in our Enterprise Funds that City staff presented to the Board of Aldermen at the Capital Improvement Plan Work Sessions.

The CIP is organized by fund as follows:

**General Fund** – is the chief operating fund of the City. It is used to account for all City activities not required to be accounted for elsewhere, such as projects related to police needs, communications needs, and information technology replacement and additions.

**Local Parks and Storm Water Fund** – is used to account for projects related to parks and storm water control.

**Voter Approved General Obligation Bonds – Storm Water** – is used to account for storm water projects related to the \$4,000,000 in General Obligation Bonds, Series 2012 that were issued on November 28, 2012, the \$9,675,000 in General Obligation Bonds, Series 2014 that were issued on September 23, 2014, the \$8,000,000 in General Obligation Bonds, Series 2016 that were issued on July 5, 2016, and the \$4,000,000 in General Obligation Bonds, Series 2018 that were issued on February 7, 2018.

**Transportation Trust Fund** – is used to account for construction of and improvements to streets, roads, and bridges.

**370 Lakeside Park Fund** – is used to account for projects at 370 Lakeside Park.

**Central Materials Processing Facility Fund** – is used to account for projects related to recycling activities and the City's operation as a transfer station for solid waste.

**Golf and Banquet Center Fund** – is used to account for projects related to the City's municipal golf course and banquet center.

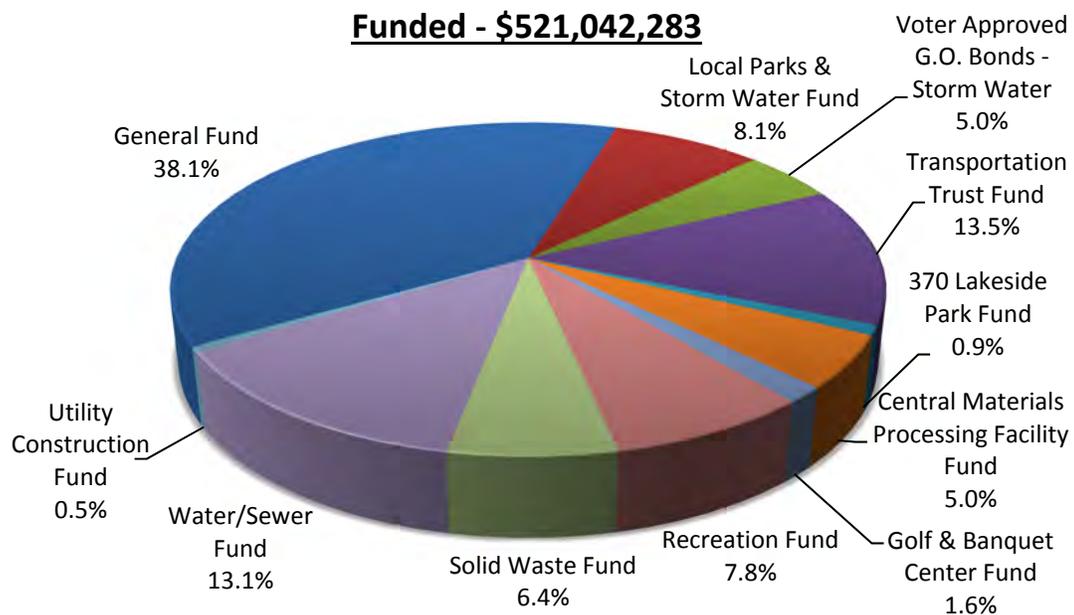
**Recreation Fund** – is used to account for projects related to the Rec-Plex, outdoor pools, Senior Center, and general recreation programs.

**Solid Waste Fund** – is used to account for projects related to the City's solid waste services.

**Water/Sewer Fund** – is used to account for projects related to the City's water and sewer services.

**Utility Construction Fund** – is used to account for water and sewer projects to build or maintain infrastructure.

The chart below shows the total of all funded expenses for the next 5 years in the CIP and the proportion in each fund.



At the end of this document is a list of **Unfunded Projects**. This list represents capital needs that could not be funded or are not sufficiently well defined to be included in the funded portion of the CIP.



**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
VISION 2025**

Building on a solid foundation and upholding its core values, the City of St. Peters developed Vision 2025, a strategic plan designed to chart a course to achieve the City's vision for the future. Vision 2025 is endorsed by the Mayor and Board of Aldermen and anticipates opportunities and challenges that await the City and provides a roadmap to ensure a bright future for our community. Our management philosophy is based on our elected officials' belief that our employees are our most valuable resource, and our Employee First philosophy fosters sincere Trust and yields superior customer service.

As a part of Vision 2025, the City identified seven key priorities for the future. In 2025, My Hometown will be:

- Safe
- Healthy
- Prosperous
- Sustainable
- Innovative
- Connected
- Community

These seven key priorities have been incorporated into this year's CIP through an update to the project sheets. Each of the project sheets now includes a section explaining the impact of that particular project on the achievement of our Vision 2025 priorities. In order to be considered for inclusion in the CIP, a project must have an impact on achieving at least one of the Vision 2025 priorities, and many of the projects in this year's CIP impact the achievement of multiple Vision 2025 priorities.

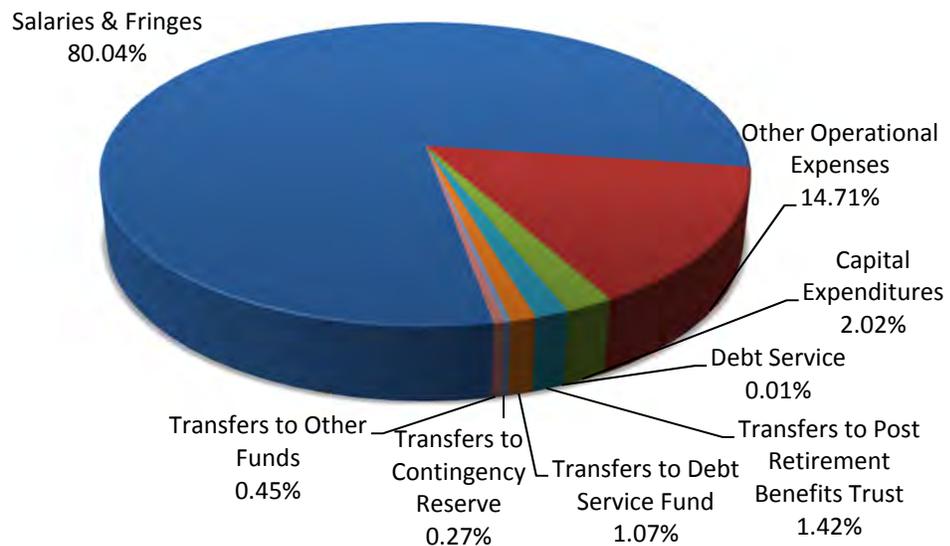
This CIP serves as a blueprint for the preparation of future budgets and sets us on the course to achieve the Vision 2025 priorities.



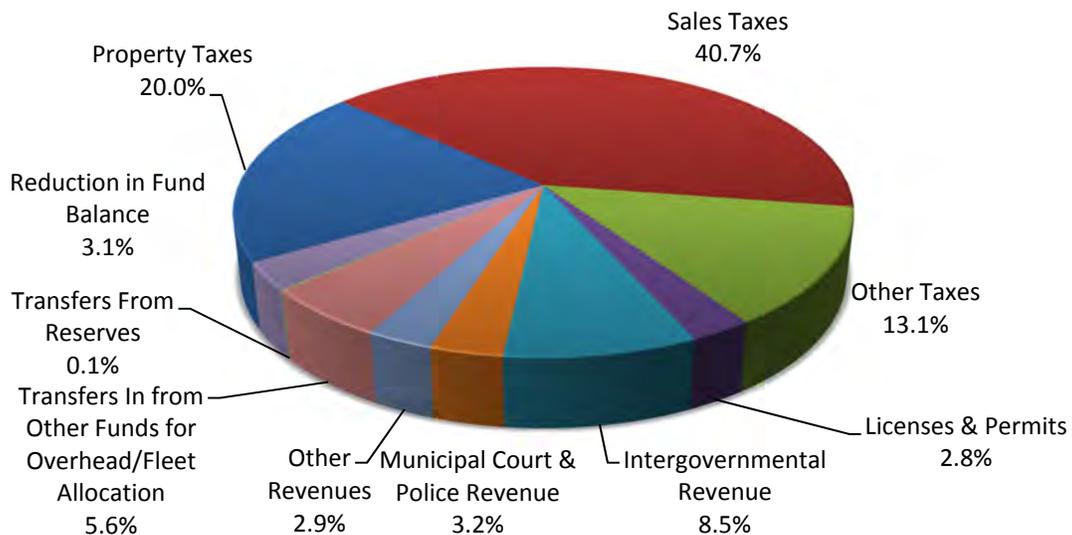
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
GENERAL FUND – CAPITAL PROJECT SUMMARY**

The General Fund is the City fund from which all general operating expenses are paid and to which taxes and all other revenues not specifically allocated to other funds by law or contractual agreement are deposited. In the past, General Fund monies have been appropriated to a capital projects fund that is used to finance major capital projects.

**Funded - \$198,535,660**



**Funding Sources - \$198,535,660**



<b>GENERAL FUND PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Police Vehicles	291,000	291,000	417,000	362,000	298,000	1,659,000
Other General Fund Vehicles	152,000	174,000	0	0	61,000	387,000
<b>Subtotal: Vehicles</b>	<b>443,000</b>	<b>465,000</b>	<b>417,000</b>	<b>362,000</b>	<b>359,000</b>	<b>2,046,000</b>
Network Security	17,475	19,600	65,425	10,000	10,000	122,500
Network Switches	15,400	43,315	58,200	49,500	33,900	200,315
PC Replacements	44,400	59,500	63,700	63,550	80,375	311,525
Printer Replacement/New	11,000	12,500	11,000	12,500	12,500	59,500
UPS Replacement/New	29,700	7,900	69,640	0	0	107,240
Police Software Upgrade	0	0	0	0	75,000	75,000
Nimble Storage Array	66,250	0	0	0	0	66,250
Document Imaging	0	15,000	15,000	15,000	15,000	60,000
Misc. IT Equipment Replacements & Additions Under \$50,000	29,000	8,000	11,300	11,300	11,300	70,900
<b>Subtotal: Information Technology Replacements and Additions</b>	<b>213,225</b>	<b>165,815</b>	<b>294,265</b>	<b>161,850</b>	<b>238,075</b>	<b>1,073,230</b>
Facility Improvements – City Hall	250,000	0	0	0	0	250,000
Communications Replacement and Additions	65,500	77,000	75,000	80,000	81,000	378,500
Replace Complete Audio System	75,000	0	0	0	0	75,000
Miscellaneous Items Under \$50,000	21,850	50,000	50,000	50,000	50,000	221,850
<b>Subtotal: Other</b>	<b>412,350</b>	<b>127,000</b>	<b>125,000</b>	<b>130,000</b>	<b>131,000</b>	<b>925,350</b>
<b>TOTAL GENERAL FUND PROJECTS</b>	<b>\$1,068,575</b>	<b>\$757,815</b>	<b>\$836,265</b>	<b>\$653,850</b>	<b>\$728,075</b>	<b>\$4,044,580</b>

## Project Funding - General Fund

### Projected Fund Activity

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Balance</b>	<b>\$6,664,641</b>	<b>\$6,965,803</b>	<b>\$8,404,262</b>	<b>\$6,660,552</b>	<b>\$5,470,907</b>	<b>\$4,841,977</b>	<b>\$3,847,547</b>	<b>\$2,498,882</b>
<b>Revenues</b>								
Property Tax	7,388,342	7,545,403	7,692,000	7,768,000	7,866,000	7,940,600	8,015,800	8,091,800
Sales Tax	14,539,609	14,279,883	14,978,900	15,378,500	15,886,100	16,203,900	16,528,000	16,858,600
Other Taxes	4,713,946	4,766,654	4,982,000	5,005,200	5,098,300	5,193,300	5,290,200	5,389,100
Licenses & Permits	1,396,294	1,771,852	1,940,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
Intergovernmental Revenue	3,897,545	3,652,271	3,375,000	3,375,000	3,375,000	3,375,000	3,375,000	3,375,000
Interest	56,247	(212)	5,000	5,000	5,000	5,000	5,000	5,000
Municipal Court & Police	1,815,472	1,462,880	1,276,100	1,276,100	1,276,100	1,276,100	1,276,100	1,276,100
Other	<u>866,997</u>	<u>838,462</u>	<u>1,039,200</u>	<u>1,000,150</u>	<u>1,097,150</u>	<u>1,219,500</u>	<u>1,231,350</u>	<u>1,235,900</u>
<b>Total Revenue</b>	<b>34,674,452</b>	<b>34,317,193</b>	<b>35,288,200</b>	<b>34,907,950</b>	<b>35,703,650</b>	<b>36,313,400</b>	<b>36,821,450</b>	<b>37,331,500</b>
<b>Expenditures</b>								
Salaries & Fringes	26,725,066	26,645,741	29,667,000	30,039,900	30,885,000	31,755,100	32,653,200	33,579,700
Employee Expenses	350,222	368,406	483,120	506,025	540,900	516,000	561,100	526,200
Community Expenses	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
Professional Services	809,865	869,466	1,365,640	1,349,905	1,297,300	1,255,400	1,249,500	1,268,600
Utilities	481,456	468,778	581,240	548,520	576,410	605,710	636,110	668,310
Repairs & Maintenance	1,098,855	1,148,319	1,402,090	1,499,200	1,500,775	1,514,775	1,539,875	1,541,875
Supplies & Other	1,883,556	1,882,337	1,902,635	1,932,270	1,819,480	1,838,080	1,856,780	1,875,580
Allocation of Administrative Overhead	(2,158,300)	(2,296,200)	(2,258,700)	(2,227,100)	(2,227,100)	(2,227,100)	(2,227,100)	(2,227,100)
Capital	<u>908,328</u>	<u>1,119,082</u>	<u>1,079,685</u>	<u>1,038,875</u>	<u>757,815</u>	<u>836,265</u>	<u>653,850</u>	<u>728,075</u>
<b>Total Expenditures</b>	<b>30,134,048</b>	<b>30,240,929</b>	<b>34,257,710</b>	<b>34,722,595</b>	<b>35,185,580</b>	<b>36,129,230</b>	<b>36,958,315</b>	<b>37,996,240</b>
Surplus (Deficit)	4,540,404	4,076,264	1,030,490	185,355	518,070	184,170	(136,865)	(664,740)
Transfer to Post Retirement Benefits Trust	(972,500)	(961,800)	(985,000)	(510,000)	(536,000)	(563,000)	(592,000)	(622,000)
Transfer From (To) Other Funds	(947,220)	(799,112)	(556,700)	(594,000)	(601,000)	(605,600)	(609,800)	(613,800)
Debt Service	(378,788)	(380,765)	(382,500)	(21,000)	0	0	0	0
Transfer From (To) Reserves	(1,440,734)	3,872	(350,000)	250,000	0	0	0	0
Transfer From (To) Contingency Reserve	<u>(500,000)</u>	<u>(500,000)</u>	<u>(500,000)</u>	<u>(500,000)</u>	<u>(10,000)</u>	<u>(10,000)</u>	<u>(10,000)</u>	<u>(10,000)</u>
<b>Ending Fund Balance</b>	<b><u>\$6,965,803</u></b>	<b><u>\$8,404,262</u></b>	<b><u>\$6,660,552</u></b>	<b><u>\$5,470,907</u></b>	<b><u>\$4,841,977</u></b>	<b><u>\$3,847,547</u></b>	<b><u>\$2,498,882</u></b>	<b><u>\$588,342</u></b>
<b>Ending Balance - Contingency Reserve</b>	<b><u>\$4,000,000</u></b>	<b><u>\$4,500,000</u></b>	<b><u>\$4,500,000</u></b>	<b><u>\$5,000,000</u></b>	<b><u>\$5,010,000</u></b>	<b><u>\$5,020,000</u></b>	<b><u>\$5,030,000</u></b>	<b><u>\$5,040,000</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Police

<b>PROJECT TITLE</b>	Police Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Police Department. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs and down time. Reduced productivity while vehicles are being repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	337,000	291,000	291,000	417,000	362,000	298,000	1,659,000	1,996,000
<b>TOTAL</b>	337,000	291,000	291,000	417,000	362,000	298,000	1,659,000	1,996,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Police Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
100	Detective Sedan	7	0	0	0	0	0	29,000
101	Detective Sedan	7	0	0	25,000	0	0	0
102	Detective Sedan	7	22,000	0	0	0	0	0
103	Admin Sedan	7	0	0	0	0	27,000	0
104	Detective Sedan	7	0	23,000	0	0	0	0
105	Detective Sedan	7	0	0	0	26,000	0	0
106	Admin Sedan	7	0	0	0	0	0	0
107	Detective Sedan	7	0	0	0	26,000	0	0
108	Admin Sedan	7	0	0	0	0	0	32,000
109	Detective Sedan	5	0	0	25,000	0	0	0
110	Patrol SUV	3	0	0	34,500	0	0	39,500
111	Patrol SUV	3	31,500	0	0	36,500	0	0
112	Patrol SUV	3	31,500	0	0	36,500	0	0
114	Patrol SUV	3	31,500	0	0	36,500	0	0
115	Patrol SUV	3	0	33,500	0	0	38,500	0
116	Patrol SUV	3	0	33,500	0	0	38,500	0
117	Patrol SUV	3	0	0	34,500	0	0	39,500
118	Patrol SUV	3	0	0	34,500	0	0	39,500
119	Patrol SUV	3	31,500	0	0	36,500	0	0
120	Patrol SUV	3	0	33,500	0	0	38,500	0
121	Patrol SUV	3	0	0	34,500	0	0	39,500
122	Patrol SUV	3	0	33,500	0	0	38,500	0
124	Patrol SUV	3	31,500	0	0	36,500	0	0
125	Patrol SUV	3	31,500	0	0	36,500	0	0
126	Patrol SUV	3	0	33,500	0	0	38,500	0
127	Patrol SUV	3	31,500	0	0	36,500	0	0
129	Patrol SUV	3	0	33,500	0	0	38,500	0
130	Patrol SUV	3	0	0	34,500	0	0	39,500
131	Patrol SUV	3	31,500	0	0	36,500	0	0
132	Patrol SUV	3	0	33,500	0	0	38,500	0
133	Patrol SUV	3	31,500	0	0	36,500	0	0
134	Patrol SUV	3	0	0	34,500	0	0	39,500
135	Patrol SUV	3	0	33,500	0	0	38,500	0
137	Patrol SUV	3	31,500	0	0	36,500	0	0
141	Special Ops ¼-Ton	7	0	0	34,000	0	0	0
151	Detective Sedan	7	0	0	0	0	27,000	0
		<b>TOTAL</b>	<b>337,000</b>	<b>291,000</b>	<b>291,000</b>	<b>417,000</b>	<b>362,000</b>	<b>298,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Various

<b>PROJECT TITLE</b>	Other General Fund Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's General Fund departments. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs and down time. Reduced productivity while vehicles are being repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	52,000	152,000	174,000	0	0	61,000	387,000	439,000
<b>TOTAL</b>	52,000	152,000	174,000	0	0	61,000	387,000	439,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Other General Fund Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
008	Communications TV Crew SUV	10	0	0	27,000	0	0	0
201	Engineering Sedan	10	0	0	0	0	0	0
210	Engineering SUV	10	24,000	0	0	0	0	0
211	Engineering SUV	10	0	0	0	0	0	0
212	Engineering ¼-Ton	10	0	0	0	0	0	0
213	Engineering SUV	10	0	0	0	0	0	29,000
214	Engineering SUV	10	0	25,000	0	0	0	0
216	Engineering ¼-Ton	10	0	0	0	0	0	0
218	Engineering ½-Ton	10	0	0	26,000	0	0	0
300	Engineering Sedan	7	0	0	0	0	0	32,000
511	Engineering ½-Ton	10	0	0	0	0	0	0
512	Engineering SUV	10	0	0	0	0	0	0
513	Engineering ½-Ton	10	0	0	0	0	0	0
515	Engineering ¼-Ton	10	0	0	0	0	0	0
557	Engineering ½-Ton	10	28,000	0	0	0	0	0
601	Fleet 1-Ton Service Truck	13	0	0	87,000	0	0	0
605	Building Attendants ¼-Ton	10	0	32,000	0	0	0	0
KG4-X83	Health Sedan	7	0	0	0	0	0	0
910	Health Inspector SUV	9	0	25,000	0	0	0	0
914	Health ¾-Ton Animal Control	10	0	70,000	0	0	0	0
915	Health ¼-Ton Mosquito Truck	10	0	0	34,000	0	0	0
918	Health ¾-Ton Animal Control	8	0	0	0	0	0	0
		<b>TOTAL</b>	<b>52,000</b>	<b>152,000</b>	<b>174,000</b>	<b>0</b>	<b>0</b>	<b>61,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Network Security
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

In FY19 thru FY23, we will continue to replace end-of-life technology in buildings and renew maintenance on existing equipment.

This is an ongoing process of scanning, identifying, and preventing potentially malicious traffic on the network for data and voice communications. It also includes updating processes, PCs, servers, and network equipment. Every year equipment, maintenance, and subscription services are evaluated based upon the City security needs, changing technologies, and vulnerabilities discovered during regular security assessments.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Staying current with security updates and proven security platforms provides us with layers of coverage that is intended to block malicious attacks and protect our files and data.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	We are implementing “best security practices” to achieve PCI compliancy and protect data on our network.
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Failure to stay current with security patches and latest technologies leaves our data vulnerable to outside attack resulting in potential of loss of sensitive data and costly downtime to repair equipment.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	50,000	17,475	19,600	65,425	10,000	10,000	122,500	172,500
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	50,000	17,475	19,600	65,425	10,000	10,000	122,500	172,500
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Network Security Existing Condition:**

Description	Existing Condition
Security	<p>End-of-life equipment is replaced on a 6-year cycle to prevent unauthorized access and unplanned network outages to the City's network. Internet communications and applications are changing. Manufacturers are making firewalls to combine intrusion protection and application awareness to control traffic flows with business objectives, which we evaluate and recommend implementing where it provides maximum benefit.</p> <p>Security is assessed annually and miscellaneous funding provides for unforeseen needs estimated at \$10,000 annually.</p> <ul style="list-style-type: none"><li>• FY19 - (5) M200 Firewalls \$7,475 (PCI Compliancy)</li><li>• FY20 –Sniffer Probes \$9,600</li><li>• FY21 – Web Application Firewall (Barracuda) \$15,425; Aruba Network Access Controller \$10,000; PCI - NNT Change Tracker \$10,000 &amp; NNT Log Tracker \$20,000</li></ul>



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**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Network Switches
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The City has a fiber-optic network capable of supporting voice, video and data communications. Network hardware will be added or upgraded to take care of known problems, minimize network outages, and provide additional management and configuration capabilities. The industry has standardized on GBIC Copper and Fiber technology with speeds up to 10GB. We will continue to replace end-of-life GBIC technology in buildings and renew maintenance on existing equipment in this CIP.

Network switches are evaluated every year and end-of-life equipment will be replaced with newer technology every 6 years.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Extending our network to all City buildings saves money. Employees have the ability to receive phone calls and voicemail, send/receive email, and share program resources maximizing our investment.
<i>SUSTAINABLE</i>	Shared resources maximize our efficiencies - data integrity is a huge benefit to employees who share all our City applications and resources.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Investing in switches and replacements allows employees in all our facilities the ability to connect to information fast and allows efficiencies to exist.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Over 500 City staff could be detached from the applications they need to get their job done. Without the network switch replacements we would risk reduction in efficiency accessing data and information.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	17,500	15,400	43,315	58,200	49,500	33,900	200,315	217,815
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>17,500</b>	<b>15,400</b>	<b>43,315</b>	<b>58,200</b>	<b>49,500</b>	<b>33,900</b>	<b>200,315</b>	<b>217,815</b>
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Network Switches Existing Condition:**

Description	Existing Condition
Switches	<p>City replaces switches on a 6 year schedule.</p> <ul style="list-style-type: none"><li>• FY19 – 4 switches averaging \$1,700 totaling \$6,800; COB Main Switch 1a \$8,505</li><li>• FY20 – 7 switches averaging \$2,045 totaling \$14,315; City Hall Server Room Main Switch replacement \$29,000</li><li>• FY21 – 10 switches averaging \$3,135 totaling \$31,400; CMPF \$6,800; CH 1<sup>st</sup> Floor \$10,000; CH 2<sup>nd</sup> Floor \$10,000</li><li>• FY22 – 6 switches averaging \$1,217 totaling \$7,300; Justice Center AV room, 1<sup>st</sup> &amp; 2<sup>nd</sup> Floor \$42,200</li><li>• FY23 – 13 switches averaging \$1,793 totaling \$23,350; Golf Banquet \$10,550</li></ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	PC Replacements
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

Every year we evaluate the minimum requirements for PCs to operate our applications. Some of the hardware affected by the Microsoft migration has reached end-of-life and will be replaced. Other equipment will require hardware and operating system upgrades to extend the life of the equipment.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Newer PCs provide needed memory and expandability as we push more computing to the desktops.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Keeping current with desktop computers and laptops keeps City staff connected to the data and information necessary to be productive.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Older equipment will be harder to maintain & could be out of service longer. New software applications require more memory and computing power and outdated devices would be shut off from them.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	42,175	44,400	59,500	63,700	63,550	80,375	311,525	353,700
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	42,175	44,400	59,500	63,700	63,550	80,375	311,525	353,700
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**PC Replacements Existing Condition:**

Description	Existing Condition
PC Replacements	<p>We have a 5-year PC replacement plan for PCs and laptops. We evaluate the PCs due for replacement every year and replace only those necessary, extending the useful life of equipment when possible. PCs are purchased with a 3-year warranty; laptops have either a 3-year warranty with a 2-year add-on, or a straight 5-year warranty. We budget 10 monitors each year as we do not carry maintenance on them and replace as needed to maximize the functional life of the device.</p> <p>FY19 – 53 PCs, 4 Laptops = 57 total  FY20 – 56 PCs, 10 Laptops = 66 total  FY21 – 49 PCs, 11 Laptops - 60 total  FY22 – 43 PCs, 10 Laptops, 3 Macs = 56 total  FY23 – 52 PCs, 18 Laptops = 70 total</p> <p>We also budget for 10 monitor replacements annually at \$150/ea. New PCs do not come standard with monitors. \$1,500 is included in the PC annual costs.</p>



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<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Printer Replacement/New
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The City has departmental printers that provide reporting and forms printing for their work groups. These devices have an expected life cycle of 8 years. Depending on usage and nature of the print jobs, some of the devices can require replacement more frequently. The new Parks software (MaxSolutions) use Zebra printers for membership badges for the public at City Hall, Rec-Plex, and HES facilities. Datacard printer will still be used for employee badges in HR. Rec-Plex printer is by far the most heavily used and therefore we are suggesting it get replaced more frequently. (replacements evaluated annually)

Future CIPs will reflect more accurately the anticipated costs once we have the software fully implemented.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Based on usage, devices are replaced to maintain functional work groups within the City. Having standardized on HP printers, we have durable, reliable printers that we are familiar with in support.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Printers could break and repairs could be more costly than replacement of the devices on an as needed basis.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	14,800	11,000	12,500	11,000	12,500	12,500	59,500	74,300
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>14,800</b>	<b>11,000</b>	<b>12,500</b>	<b>11,000</b>	<b>12,500</b>	<b>12,500</b>	<b>59,500</b>	<b>74,300</b>
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Printer Replacement/New Existing Condition:**

Description	Existing Condition
Printer Replacement/New, Zebra badge printers	<p>We do not have a replacement plan for business LaserJet printers as each printer type and use varies so much across departments. Funding allows for 4 replacements/year and is contingent on age of existing printers. This will be reviewed annually.</p> <p>We have replaced our Datacard printers at CAC, Rec-Plex, and HES Operations with Zebra printers for badge production. Those Datacard printers will be used as needed by HR if they have issues with the employee badge printing. We will not have the new printers under maintenance so will have a cost saving. We are not sure about the durability of these devices so they will be assessed annually prior to replacing.</p> <ul style="list-style-type: none"><li>• FY20 – Zebra printer Rec-Plex \$1,500</li><li>• FY22 – Zebra printer CAC \$1,500</li><li>• FY23 – Zebra printer Rec-Plex \$1,500</li></ul>



**CITY OF ST. PETERS**  
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**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	UPS Replacements/New
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The City has approximately 425 desktop computers and network equipment to allow those devices onto the network on each floor of all of our buildings. At City Hall and the Justice Center we have emergency generators that will automatically activate if there is a loss of building power detected. The lag time between when the generators first start to being fully capable of operating equipment is about 3 minutes. UPS's are intended to bridge the gap so there is no loss of power to critical devices. In buildings where there is not a facility generator the UPS's purpose is to keep the equipment alive for a short amount of time (30 minutes or less). After that time the batteries will fully discharge and the equipment will stop working. Most of our problems are momentary and for these occurrences the UPS's will totally protect staff from loss of data or interruption of service.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	UPS's protect equipment from power spikes due to storms or power fluctuations. Any surge in power is first filtered by the UPS's reducing the likelihood of damage to equipment.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Maintain power to critical devices long enough to close application databases and shutdown devices or until backup power is supplied to critical locations.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	During power outages databases could be corrupted resulting in loss of man-hours to recover work lost.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	8,000	29,700	7,900	69,640	0	0	107,240	115,240
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>8,000</b>	<b>29,700</b>	<b>7,900</b>	<b>69,640</b>	<b>0</b>	<b>0</b>	<b>107,240</b>	<b>115,240</b>
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**UPS Replacements/New Existing Condition:**

Description	Existing Condition
UPS Replacements/New	<p>City replaces main UPS's (not desktop devices) on an 8 year schedule. Batteries are replaced after 4 years (Supplies Operational). Desktop UPS replacements and Desktop UPS battery replacements are charged to Supplies Operational as they are not scheduled and will be replaced as needed. We budget \$1,500/yr for desktop batteries and \$1,500/yr for desktop replacements (totaling \$3,000) and not reflected here.</p> <ul style="list-style-type: none"><li>• FY19 – 25 Replacements averaging \$1,187 totaling \$29,700</li><li>• FY20 – 8 Replacements averaging \$987.50 totaling \$ 7,900</li><li>• FY21 - JC Galaxy4000 (main building UPS) \$49,300; City Hall 2<sup>nd</sup> Floor Switch \$10,170; City Hall 1<sup>st</sup> Floor Switch \$10,170</li></ul>



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<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Police Software Upgrade
<b>PROJECT LOCATION</b>	Justice Center

**DESCRIPTION AND EXISTING CONDITION**

This project provides continuity with existing data as well as providing a platform of software that takes advantage of new design technology with an eye on interoperability between mobile devices and department databases. Our current software provider merged with a larger agency and as a result there is a new solution for law enforcement agencies that migrates existing clients of both firms. Our current software will be phased out with a logical migration path to the new solution. At this point we don't have specifics on the costs or exact data conversion expenses. Existing customers will not have to purchase the software, merely pay for training and data conversion efforts. We are putting a placeholder in the CIP for this effort. It may slide sooner or be pushed back a year depending on how things progress.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Having new software features will enhance the officers, dispatchers and clerks the ability to provide timely support to calls for service.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Upgrade to a release of software that will be supported for years to come keeping the department functioning with the most efficiency possible.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Upgrading to a more state-of-the-art solution will enable the department to be more productive when they are in the field (mobile).
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Failure to remain current on all licenses, upgrade our servers, and apply regular security patches could result in fines and risk of attack.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	75,000	75,000	75,000
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	75,000	75,000	75,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



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<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Nimble Storage Array
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

Upgrade our virtual server environment with adequate disk space to grow in the future and at the same time replace equipment in a cost effective manner with newer technology. The current equipment is more than 6 years old and is reaching end of life. We have a need to increase the amount of disk space in our current environment and also provide for a reliable location to replicate our data to ensure we are prepared in the event of an emergency.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Allows the City to have a geo-diverse replication of our critical databases (City Hall and Justice Center) necessary for our disaster readiness plan.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Improves ability to store more data & share resources among all applications in use citywide and store snapshots of critical production databases to enable data recovery without restoring from tape backup.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Inability to replicate critical databases across locations due to lack of disk space & resources. Since the current equipment is reaching end-of-life it will cost more to maintain and be less reliable in the future.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	66,250	0	0	0	0	66,250	66,250
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	66,250	0	0	0	0	66,250	66,250
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Nimble Storage Array Existing Condition:**

Description	Existing Condition
Nimble Storage Array	FY19 - purchase the additional hard drives to expand the storage of the City Hall Nimble to 22 TB; also purchase a 22 TB Nimble array to be located at the Justice Center.

The City has two groups of virtual devices – one at City Hall and the other at the Justice Center. The groups comprise of physical hardware known as “hosts” and “datastores.” The hosts are the brains of the virtual environment. A virtual device will reside on a host along with other virtual devices and share resources such as memory and processors. For example, instead of purchasing a new physical device such as a print server which only does work when a print job is needed, a virtual print server resides on a host and shares resources with other virtual servers and will only use what it needs when it needs it, freeing up the memory and processors for other servers to share. The datastores are the repository for all the data (files). These datastores reside on physical “storage arrays,” which are essentially devices full of hard drives. The storage arrays compress file data and thus, can store for instance 1.5 TB of virtual data within 1 TB of physical hard drive space. Within a virtual environment, the virtual machines are able to be moved around from one host to another and likewise, storage can be moved from one datastore/storage array to another.

Another advantage of the virtual environment is the ability to backup data. A virtual “snapshot” is taken at set intervals and replicated to a storage array. IT employs two types of snapshots. One series of snapshots are local to City Hall and snapshots of virtual machines are saved to a large storage array which physically sits next to the other storage arrays. The other type of snapshot is a geo-diverse replication to the Justice Center for the most critical servers. Snapshots of the financial servers and phone server are replicated to a datastore at the Justice Center. Regarding local snapshots at the Justice Center, the Justice Center does not have an extra storage array for local snapshots and the replication destination is City Hall. The reason for geo-diverse replication is in the event of a catastrophic event (fire, extended loss of power, etc.) the most critical servers and systems can be started at an alternate site and business can continue without loss of information. As a further preventive measure, full backups of all virtual devices are created nightly and the most critical information is backed up to physical tape each week and stored at an off-site location (HES Operations).

At City Hall, the datastores are almost completely full – 98% of 14 TB. The City’s current datastores reside on a Dell product series called Equallogic and they are several years old (purchased between 2011 (CH) and 2013(JC)). Virtual technology has rapidly improved and there are much more efficient datastore devices on the market now. A newer product series, Nimble (recently acquired by HP), is a market leader in scalability and technology, as well as customer satisfaction. In fiscal year 2018, the City is purchasing an 11 TB Nimble storage array to expand the City Hall datastores. The Nimble will be faster, have better compression, and have active monitoring by Nimble which will alert IT of any issues. The Nimble array being purchased will only be half full of hard drives. Having two equally sized Nimble arrays will allow the City to take full advantage of the more efficient Nimble replication between the two arrays and backup more devices than just our most critical servers.

Another advantage of the Nimble product line is support and upgradeability. Regular firmware upgrades to the Nimble will continually improve compression. The arrays are fully redundant and if a component is failing, Nimble support will alert IT and send us a replacement part. Additionally, almost all the main components of the Nimble are upgradable. Thus, in a few years, if needed, the processors could be upgraded with a component upgrade, or a faster network card could be swapped in.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Document Imaging
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

Currently we do not have an image management solution that helps us to retrieve stored records electronically. As we have retention periods of varying lengths depending on the nature of the document, it would be helpful to have the paper files scanned into a system that helps us manage, store, and retrieve documents quickly and efficiently.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Reduce amount of physical space required to store documents and make accessing these documents secure and efficient. Indexes can be added to each document type to help retrieve documents.
<i>INNOVATIVE</i>	Provide a more efficient way to store and retrieve documents saving time and resources.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Continue buying file cabinets when we run out of room and determine where to grow in the future when current file storage locations are full. Less efficient in retrieving documents stored electronically.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	15,000	15,000	15,000	15,000	60,000	60,000
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	15,000	15,000	15,000	15,000	60,000	60,000
<b>Maint. &amp; Oper. Costs</b>	0	20,000	25,000	15,000	15,000	15,000	90,000	90,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Document Imaging Existing Condition:**

Description	Existing Condition
Document Imaging	<p>Currently our Police Department (Records) are sending documents to be imaged rather than microfilmed allowing them to store &amp; retrieve documents by Incident Number. No software is being used so expiry and other search features are not available automatically. Once we select a solution they will determine how best to roll their current scanned documents into the solution.</p> <ul style="list-style-type: none"><li>• FY19 – Hire a consultant to assist with a citywide needs assessment, rfp, selection of a solution, and launching a pilot project allowing the city to determine most efficient ways to scan, index, and retrieve documents.</li><li>• FY20, FY21, FY22, FY23 – Allocate funding for adding approximately 5 software licenses annually and scanner dedicated to this process. It may be determined after the initial pilot that the need might vary so future budgets may be impacted. Operating Cost include assistance scanning 200,000 documents annually – replacing microfilming in each department as we transition).</li></ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Misc. Information Technology Equipment Replacement and Additions Under \$50,000
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

Servers: We have a 5-year replacement plan for servers. In FY11 and FY12, we implemented a virtual server environment. This allowed us to greatly reduce the number of physical servers that need to be purchased, maintained, and replaced. However, some applications require dedicated servers that cannot be virtualized due to unique hardware requirements, location specific functions, etc. In addition to dedicated hardware that needs to be kept current, the Windows operating system that runs the virtual servers must also be kept up to date. This allows us to receive security patches and stay PCI compliant.

Copiers: In 2014 the City replaced all its copiers with multifunction printing devices standardizing around RICOH. These devices have a useful life of 8 years depending on usage. When we have a need for printing we will evaluate the best device to place, an HP printer or RICOH multifunction device which can print, scan, and copy. Vendors charge on a per page basis for maintenance, so as devices age the cost to maintain increases.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Upgrading servers and keeping the operating systems current is necessary so we continue to receive security patches which prevent malicious attacks from breaching our network.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Faster and more reliable equipment. Industry supported platforms. Reduced man hours for support.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Keeping our servers up-to-date with patches allows them to be online and available 24x7 for our over 500 employees who access information. This provides timely access to get critical information.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Failure to remain current on all licenses, upgrade our servers, and apply regular security patches could result in fines & risk of attack. Deferring funding of copiers will result in higher costs to repair/operate.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	46,000	29,000	8,000	11,300	11,300	11,300	70,900	116,900
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	46,000	29,000	8,000	11,300	11,300	11,300	70,900	116,900
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Misc. IT Equipment Replacement Schedule:**

Description	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Server Replacements	35,000	29,000	0	0	0	0
Copier Replacements/New	0	0	8,000	11,300	11,300	11,300
2 Factor Authentication	11,000	0	0	0	0	0
<b>TOTAL</b>	<b>46,000</b>	<b>29,000</b>	<b>8,000</b>	<b>11,300</b>	<b>11,300</b>	<b>11,300</b>

**Misc. IT Equipment Existing Condition:**

Description	Existing Condition
Server Replacements	<p>FY19 – In order to allow for growth, additional storage, VMWare ESXi hosts, VMWare licenses, and Veeam Licenses must be added to the existing virtual environment. This will allow us to add disk space, memory, and processing power to existing servers as needed. As servers are upgraded to newer operating systems and newer software versions, system requirements often increase as recommended by Microsoft and/or the software vendors. Adding these additional resources to our existing virtual server environment will also allow us to easily and quickly add new virtual servers as needed. - \$25,000</p> <p>The City’s door access system is due for a software upgrade in order to stay current and reliable. This upgrade process will include upgrading the firmware on all of the Wi-Q locks, portal gateways, and wireless access controllers. This project will also upgrade the database and software that is used to configure and maintain the door access system. The software allows us to create schedules for individual doors, allow employees to have badge access to groups of doors, and manually open and close doors. This project will cover the upgraded licensing costs as well as professional services. - \$4,000</p>
Copier Replacements/New	<ul style="list-style-type: none"> <li>• FY20: TDS - Copier purchased in September 2012 due for replacement \$8,000</li> <li>• FY21: Records (5002) \$7,500; Water Plant (3353) \$3,800</li> <li>• FY22: Finance (5002) \$7,500; Parks (3353) \$3,800</li> <li>• FY23: Rec-Plex (5002) \$7,500; Streets (3353) \$3,800</li> </ul>
2 Factor Authentication	<p>2 Factor authentication is one component of a security plan that protects critical data from unwanted access, theft, or malicious corruption from unauthorized activity. Currently we have single layer login authentication to our network - username and password. The second layer is either a “token” (a random number that gets generated to a fob or token that is provided to the privileged users or some form of biometric - something unique to that individual, like a fingerprint. This 2<sup>nd</sup> layer of individual authentication helps stop malicious attacks from unauthorized hackers from getting to critical data.</p> <p>FY18 - Remote network access:</p> <ul style="list-style-type: none"> <li>• City IT staff</li> <li>• Vendors that access our network to support their software</li> </ul> <p>Point of Sale locations throughout the city &amp; PCs that take credit card information:</p> <ul style="list-style-type: none"> <li>• CAC</li> <li>• Rec-Plex Front Desk, Registration, &amp; Food Court(s)</li> <li>• Cultural Arts</li> <li>• Scalehouses</li> </ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Administration

<b>PROJECT TITLE</b>	Facility Improvements – City Hall
<b>PROJECT LOCATION</b>	City Hall

**DESCRIPTION AND EXISTING CONDITION**

This project involves repair and maintenance of City Hall, as well as updating the facility.

**2017/18 \$250,000:** New CAC Desk/Counter and ADA Front Entrance Doors

**2018/19 \$250,000:** City Hall Parking Lot Overlay

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain a safe working environment for employees.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Maintain City facilities in proper working condition and provide an aesthetically pleasing environment.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Provide a City facility that is clean, safe, and that residents can be proud of.
<i>Implications of deferring the project</i>	Increased cost of maintenance and repair and have an outdated appearance of the facility.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	250,000	0	0	0	0	250,000	250,000
Building & Improvements	250,000	0	0	0	0	0	0	250,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>500,000</b>
<b>Maint. &amp; Oper. Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>New Personnel Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Communications

<b>PROJECT TITLE</b>	Communications Equipment Replacement and Additions
<b>PROJECT LOCATION</b>	City Hall, Cable Operations Building, and Justice Center

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of equipment used by the Communications Department. The project is intended to establish and maintain a replacement cycle that matches the life cycle of the equipment. The project also describes equipment to be added.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Provide residents with important information from City officials every day, and provide even more critical information during severe weather or other emergencies.
<i>HEALTHY</i>	Provide residents with information about maintaining a healthy lifestyle along with programs and services offered by the City.
<i>PROSPEROUS</i>	Promote shopping local as well as new business announcements and promotion of qualified community events and regular economic development updates.
<i>SUSTAINABLE</i>	Support the City's recycling efforts through video and print materials, making residents aware of the importance of recycling and programs provided by the City.
<i>INNOVATIVE</i>	Continue to research and utilize innovative methods of reaching more residents including mobile streaming and on-demand programming options in addition to multiple broadcast platforms.
<i>CONNECTED</i>	Provide residents with multiple options to be involved and connect with their City through on-demand and live broadcasts of board meetings and regular programs with current info about projects/programs.
<i>COMMUNITY</i>	Provide residents with information about City events and programs that help build relationships and community including National Night Out, Celebrate St. Peters, Sunset Fridays, and much more.
<i>Implications of deferring the project</i>	Deferring replacement of aging/obsolete equipment puts the City at risk of attack having unsupported equipment on our networks and compromises ability to respond to critical events in a timely manner.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	66,000	65,500	77,000	75,000	80,000	81,000	378,500	444,500
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	66,000	65,500	77,000	75,000	80,000	81,000	378,500	444,500
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Communications Equipment Replacement Schedule:**

Description	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
<b>END OF LIFE / SYSTEMS OVER \$10,000:</b>						
Studio Camera Replacement	0	0	0	0	0	0
Production Switcher - Cable Operations Control Room	25,000	0	0	0	0	0
Video Server/Automation System	0	0	32,000	0	0	0
Digital Signage System	0	15,000	0	0	0	0
Video Router Replace (COB)	0	0	35,000	0	0	0
Studio Lighting - Convert to LED-replace remaining tungsten fixtures	0	0	0	25,000	0	0
LTO Robotic Library Expansion & Drive Upgrade	0	25,000	0	0	0	0
Digital Media Recorders - (Replaces tape decks)	9,000	0	0	0	0	0
Replace EVO Shared Storage System	26,000	0	0	0	0	0
Justice Center Control Room - Replace Camera System	0	0	0	0	40,000	0
Justice Center Control Room - Replace Production Switcher	0	0	0	0	25,000	0
Justice Center Control Room - Replace Obsolete CRT Monitors	0	0	0	0	0	0
Justice Center BOA Chamber - Projection System Switcher/Scaler	0	0	0	20,000	0	0
Justice Center Control Room - Signal Processing/Conversion Equipment	0	0	0	15,000	0	0
Justice Center BOA Chamber - Replace Fiber Transmitter/Receiver System	0	0	0	0	0	15,000
Justice Center BOA Chamber - Replace Projector & Screen	0	0	0	15,000	0	0
Justice Center BOA Chamber - Replace TV Lighting w/LED	0	0	0	0	0	50,000
Justice Center Control Room Console w/ Multi-view Monitor & Floor Stand	0	0	0	0	15,000	0
Justice Center Control Room Digital Recording/Playback Decks	0	0	0	0	0	10,000
<b>END OF LIFE / SYSTEMS UNDER \$10,000:</b>						
Rackmount UPS Units in Control Room at COB - 4 @ \$1500 ea	0	0	0	0	0	0
Rackmount UPS Units in Control Room at Justice Center - 6 @ \$1500 ea	0	0	0	0	0	0
Replace Uverse Encoder (no longer supported)	6,000	0	0	0	0	0
Replace Studio/Field Teleprompter system (2 systems)	0	5,500	0	0	0	0
Signal Processing Conversion Equipment (SD-HD)	0	10,000	10,000	0	0	0
Replace Multi-Format Audio & Video Signal Analyzer	0	10,000	0	0	0	0
Replace DVD Duplication System	0	0	0	0	0	6,000
<b>OBSOLETE TECHNOLOGY CHANGE/REPLACEMENT:</b>						
Replace Obsolete Telco Racks with Equipment Racks 8 @ \$1500 ea	0	0	0	0	0	0
Misc. Equipment Under \$50,000	0	0	0	0	0	0
<b>TOTAL</b>	<b>66,000</b>	<b>65,500</b>	<b>77,000</b>	<b>75,000</b>	<b>80,000</b>	<b>81,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	General Fund
<b>DEPARTMENT</b>	Building Attendants

<b>PROJECT TITLE</b>	Replace Complete Audio System
<b>PROJECT LOCATION</b>	City Hall Activity Rooms

**DESCRIPTION AND EXISTING CONDITION**

Includes all new speakers (36), amplifiers, processing, power conditioning, equipment racks, wireless microphone systems (4), wall plate inputs in each room, multi-format media player, touch-screen control system (1 master panel and 4 user interfaces) with programming to allow control of any individual or combination of rooms though intuitive control panel(s). User rights would be assigned to limit or grant access to room combination(s), volume, input devices, etc. Includes labor for installation, configuration, commissioning, and provide training of designated personnel.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Updating our audio system will make room rentals more attractive to those looking to rent space with the most current technology therefore increasing rental income.
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	Replacing the audio system in the activity rooms will upgrade our technology and keep us competitive in the rental market.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	

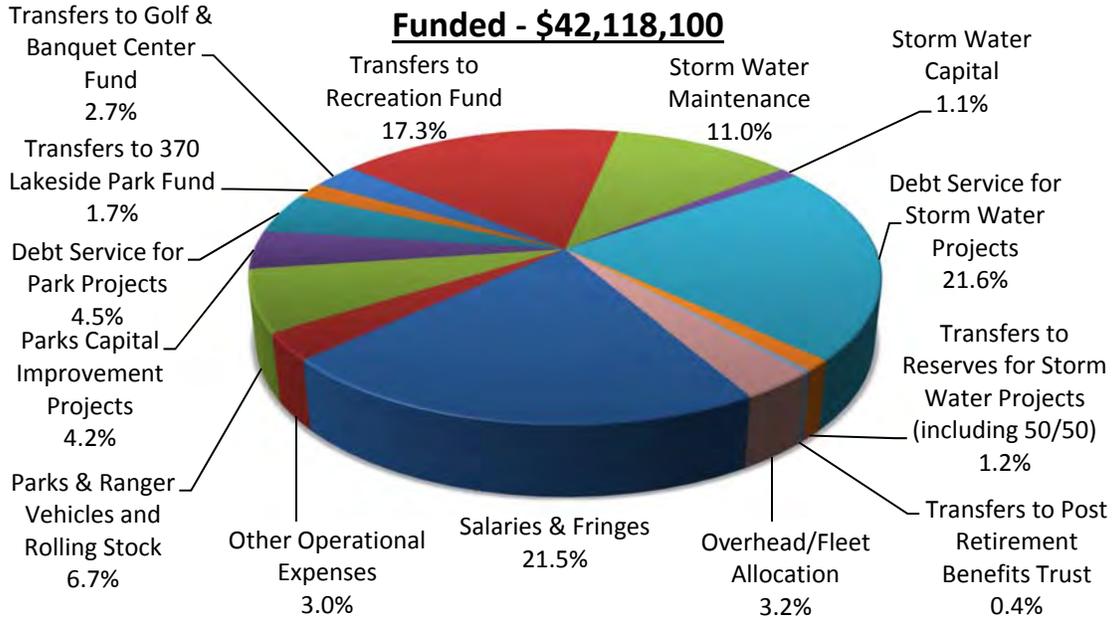
<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	75,000	0	0	0	0	75,000	75,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	75,000	0	0	0	0	75,000	75,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



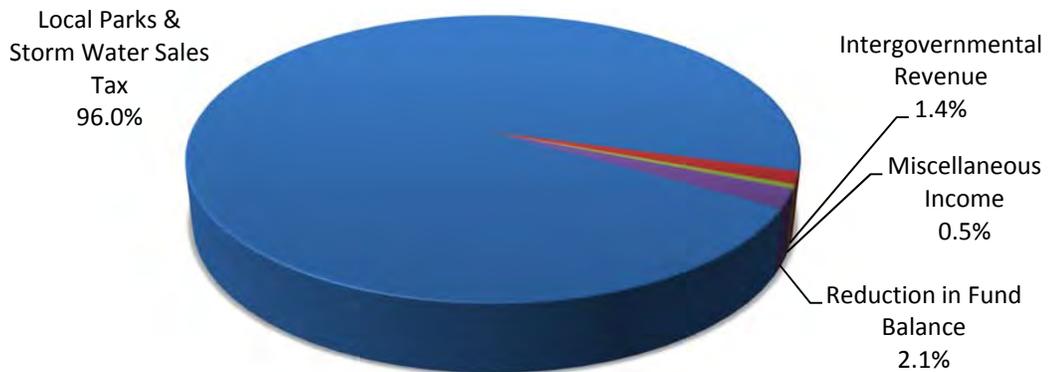
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN**

**LOCAL PARKS AND STORM WATER FUND – CAPITAL PROJECT SUMMARY**

This fund was established following the approval of a 1/10¢ local parks and storm water control sales tax by referendum in 2000. On August 7, 2012, the qualified voters of the City approved an additional sales tax of 4/10¢ for the purpose of providing funding for local parks and storm water control, bringing the total local parks and storm water control sales tax amount to 5/10¢. The money from this tax may be used for construction, reconstruction, repair and maintenance of parks and storm water systems, the acquisition of lands and right-of-way for parks and storm water control, and for planning and feasibility studies for parks and storm water control. All money from this sales tax is deposited in the City's Local Parks and Storm Water Fund. This fund is also used to account for grants that pay a portion of the project costs.



**Funding Sources - \$42,118,100**



<b>PARKS PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Ranger Division Vehicles	0	0	73,000	38,500	0	111,500
Subtotal: Ranger Division Capital	0	0	73,000	38,500	0	111,500
Parks Department Vehicles	147,000	473,000	187,000	219,000	262,000	1,288,000
Parks Department Rolling Stock	272,000	173,000	132,000	181,000	568,000	1,326,000
Subtotal: Parks Vehicles and Rolling Stock	419,000	646,000	319,000	400,000	830,000	2,614,000
Playground Equipment	0	50,000	200,000	200,000	300,000	750,000
Parking Lot Seal and Stripe & Athletic Field Improvements	100,000	50,000	50,000	100,000	100,000	400,000
Facility Improvements – Parks & Street Dept. Building	100,000	0	0	0	0	100,000
Restroom & Concession Stand at Old Town Park	0	0	0	250,000	0	250,000
Laurel Park Restroom	0	250,000	0	0	0	250,000
Miscellaneous Items Under \$50,000	33,000	25,000	25,000	25,000	25,000	133,000
Subtotal: Parks Capital Improvement Projects	233,000	375,000	275,000	575,000	425,000	1,883,000
<b>TOTAL PARKS PROJECTS</b>	<b>\$652,000</b>	<b>\$1,021,000</b>	<b>\$667,000</b>	<b>\$1,013,500</b>	<b>\$1,255,000</b>	<b>\$4,608,500</b>

<b>STORM WATER PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Gray Infrastructure Maintenance	170,000	180,000	190,000	200,000	210,000	950,000
Green Infrastructure Maintenance	441,500	484,000	498,000	523,000	585,000	2,531,500
Levee Maintenance	185,000	185,000	190,000	190,000	190,000	940,000
Other Storm Water Department Maintenance	36,600	36,600	38,600	41,600	41,600	195,000
Subtotal: Storm Water Maintenance	833,100	885,600	916,600	954,600	1,026,600	4,616,500
Storm Water Vehicles	197,000	0	0	233,000	0	430,000
Miscellaneous Items Under \$50,000	43,000	0	0	0	0	43,000
Subtotal: Storm Water Capital	240,000	0	0	233,000	0	473,000
<b>TOTAL STORM WATER PROJECTS</b>	<b>\$1,073,100</b>	<b>\$885,600</b>	<b>\$916,600</b>	<b>\$1,187,600</b>	<b>\$1,026,600</b>	<b>\$5,089,500</b>

**Project Funding - Local Parks and Storm Water Fund**

**Projected Fund Activity**

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Balance</b>	<b>\$2,317,114</b>	<b>\$2,015,387</b>	<b>\$1,988,295</b>	<b>\$1,303,467</b>	<b>\$768,047</b>	<b>\$172,602</b>	<b>\$289,707</b>	<b>\$356,012</b>
Add: Sales Tax	7,203,975	7,078,266	7,489,450	7,689,250	7,943,050	8,101,950	8,264,000	8,429,300
Intergovernmental Revenue	264,386	96,445	108,000	115,000	115,000	120,000	120,000	120,000
Transfer from Special Allocation Fund - Old Town Levee	0	0	80,000	0	0	0	0	0
Other	169,545	176,158	136,000	136,000	11,000	11,000	11,000	11,000
Interest	<u>9,354</u>	<u>5,210</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>
Total Revenue	<u>7,647,260</u>	<u>7,356,079</u>	<u>7,818,450</u>	<u>7,945,250</u>	<u>8,074,050</u>	<u>8,237,950</u>	<u>8,400,000</u>	<u>8,565,300</u>
<b>Funds Available</b>	<b><u>9,964,374</u></b>	<b><u>9,371,466</u></b>	<b><u>9,806,745</u></b>	<b><u>9,248,717</u></b>	<b><u>8,842,097</u></b>	<b><u>8,410,552</u></b>	<b><u>8,689,707</u></b>	<b><u>8,921,312</u></b>
Less: Ranger Division	563,477	641,627	667,900	603,960	616,985	706,985	690,085	669,785
CSO Division	339,683	306,908	0	0	0	0	0	0
Parks Department	3,775,906	1,654,748	1,174,300	652,000	1,021,000	594,000	975,000	1,255,000
Debt Service for Park Projects (2010C COPs)	166,947	163,956	166,500	167,500	168,000	163,500	168,500	168,000
Debt Service for Park Projects (2018 COPs)	0	0	125,000	210,000	210,000	210,000	210,000	210,000
Storm Water/Creek Stabilization	<u>1,869,057</u>	<u>2,428,795</u>	<u>2,665,370</u>	<u>2,434,245</u>	<u>2,275,675</u>	<u>2,340,275</u>	<u>2,644,975</u>	<u>2,521,875</u>
<b>Total Expenditures</b>	<b><u>6,715,070</u></b>	<b><u>5,196,034</u></b>	<b><u>4,799,070</u></b>	<b><u>4,067,705</u></b>	<b><u>4,291,660</u></b>	<b><u>4,014,760</u></b>	<b><u>4,688,560</u></b>	<b><u>4,824,660</u></b>
Overhead/Fleet Allocation	277,600	280,200	292,600	268,100	268,100	268,100	268,100	268,100
Transfer To Debt Service Fund for 2010B G.O. Bonds (\$3.79 mil.)	129,836	129,836	130,000	130,000	130,000	130,000	130,000	130,000
Transfer To Debt Service Fund for 2012 G.O. Bonds (\$4 mil.)	248,332	249,832	250,000	250,000	250,000	250,000	250,000	250,000
Transfer To Debt Service Fund for 2014 G.O. Bonds (\$9.675 mil.)	651,909	649,309	655,000	655,000	655,000	655,000	655,000	655,000
Transfer To Debt Service Fund for 2016 G.O. Bonds (\$8 mil.)	0	506,394	510,000	510,000	510,000	510,000	510,000	510,000
Transfer To Debt Service Fund for 2018 G.O. Bonds (\$4 mil.)	0	0	112,500	271,000	271,000	271,000	271,000	271,000
Transfer To 370 Lakeside Park Fund	0	0	62,940	143,675	113,885	196,785	200,485	74,085
Transfer To Golf and Banquet Center Fund	0	0	397,240	604,390	197,450	66,100	24,650	242,850
Transfer To Recreation Fund	400,000	750,000	1,700,000	1,450,000	1,850,000	1,625,000	1,200,000	1,150,000
Transfer To Transportation Trust Fund	527,240	0	57,110	0	0	0	0	0
Transfer To(From) Reserves for Future Capital Projects	(1,001,000)	(406,334)	(592,482)	0	0	0	0	0
Transfer To(From) Reserves for Storm Water Projects (incl. 50/50 program)	0	0	100,000	100,000	100,000	100,000	100,000	100,000
Transfer To Post Retirement Benefits Fund/Trust	<u>0</u>	<u>27,900</u>	<u>29,300</u>	<u>30,800</u>	<u>32,400</u>	<u>34,100</u>	<u>35,900</u>	<u>37,700</u>
<b>Total Uses Of Funds</b>	<b><u>7,948,987</u></b>	<b><u>7,383,171</u></b>	<b><u>8,503,278</u></b>	<b><u>8,480,670</u></b>	<b><u>8,669,495</u></b>	<b><u>8,120,845</u></b>	<b><u>8,333,695</u></b>	<b><u>8,513,395</u></b>
<b>Ending Fund Balance</b>	<b><u>\$2,015,387</u></b>	<b><u>\$1,988,295</u></b>	<b><u>\$1,303,467</u></b>	<b><u>\$768,047</u></b>	<b><u>\$172,602</u></b>	<b><u>\$289,707</u></b>	<b><u>\$356,012</u></b>	<b><u>\$407,917</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Ranger Division

<b>PROJECT TITLE</b>	Ranger Division Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Ranger Division. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs and down time. Reduced productivity while vehicles are being repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	32,000	0	0	73,000	38,500	0	111,500	143,500
<b>TOTAL</b>	32,000	0	0	73,000	38,500	0	111,500	143,500
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Ranger Division Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
892	Ford SUV	4	0	0	0	36,500	0	0
893	Ford SUV	4	32,000	0	0	0	38,500	0
894	Ford SUV	4	0	0	0	36,500	0	0
		<b>TOTAL</b>	<b>32,000</b>	<b>0</b>	<b>0</b>	<b>73,000</b>	<b>38,500</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Parks

<b>PROJECT TITLE</b>	Parks Department Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Parks Department. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs and down time. Reduced productivity while vehicles are being repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	220,000	147,000	473,000	187,000	219,000	262,000	1,288,000	1,508,000
<b>TOTAL</b>	220,000	147,000	473,000	187,000	219,000	262,000	1,288,000	1,508,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Parks Department Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
700	Sedan	5	0	27,000	0	0	0	0
701	SUV	8	0	0	0	0	29,000	0
703	½-Ton	8	0	0	0	0	0	0
704	¾-Ton	10	0	0	0	0	0	32,000
705	½-Ton	8	25,000	0	0	0	0	0
708	1-Ton	10	0	0	50,000	0	0	0
709	½-Ton	7	0	0	0	0	0	0
710	¾-Ton	10	0	0	0	57,000	0	0
711	1-Ton	10	0	0	0	0	0	0
712	¾-Ton	7	0	0	0	0	0	0
713	1-Ton	10	0	0	0	0	0	0
714	¾-Ton	7	0	0	0	0	0	0
715	1-Ton	10	0	0	0	0	0	0
NEW	¾-Ton	7	0	0	0	0	50,000	0
724	1-Ton	10	0	0	0	0	0	0
NEW	1-Ton	10	0	0	0	0	140,000	0
730	1-Ton	10	0	0	0	0	0	0
731	1-Ton	10	0	0	0	0	0	0
732	1-Ton	10	75,000	0	0	0	0	0
733	1-Ton	10	0	0	0	0	0	0
734	1-Ton	10	0	120,000	0	0	0	0
735	1-Ton	10	0	0	0	0	0	0
736	1-Ton	10	0	0	0	0	0	0
737	1-Ton	7	0	0	0	0	0	0
738	1-Ton Dump	10	0	0	103,000	0	0	0
NEW	1-Ton Dump	10	0	0	126,000	0	0	0
740	1-Ton Bucket	10	120,000	0	0	0	0	0
741	2-Ton -> 5-Ton Tandem	11	0	0	0	0	0	0
742	2-Ton	11	0	0	0	0	0	160,000
744	2-Ton	11	0	0	0	0	0	0
745	2-Ton Bucket	11	0	0	0	0	0	0
750	5-Ton Tandem	10	0	0	194,000	0	0	0
NEW	Forestry Body Chipper Truck	11	0	0	0	130,000	0	0
NEW	1-Ton	10	0	0	0	0	0	70,000
		<b>TOTAL</b>	<b>220,000</b>	<b>147,000</b>	<b>473,000</b>	<b>187,000</b>	<b>219,000</b>	<b>262,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Parks

<b>PROJECT TITLE</b>	Parks Department Rolling Stock and Equipment Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of rolling stock and equipment used by the City's Parks Department. The project is intended to establish a replacement cycle that matches the life cycle of the asset.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for equipment ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the equipment needed to perform City functions.
<i>SUSTAINABLE</i>	The replacement plan for equipment assists in having the most efficient equipment possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	115,000	272,000	173,000	132,000	181,000	568,000	1,326,000	1,441,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	115,000	272,000	173,000	132,000	181,000	568,000	1,326,000	1,441,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Parks Department Rolling Stock & Equipment Replacement Schedule:**

Description	Expected Life (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Ferris 72" ZTR Mower	7	25,000	0	0	0	0	0
340B Ford Tractor	30	0	0	0	0	0	60,000
John Deere Bunker Rake	7	25,000	0	0	0	0	0
Bobcat Track Loader	7	65,000	0	0	0	0	0
Toro Wingdeck Mowers (2)	8	0	140,000	0	0	0	0
Bobcat Mini Excavator	10	0	75,000	0	0	0	0
Morbark Brush Chipper	10	0	40,000	0	0	0	0
Ferris ZTR Mower	7	0	17,000	0	0	0	0
Toro 5900 Wing-Deck Mower	10	0	0	100,000	0	0	0
Ingersoll Rand Asphalt Roller	10	0	0	60,000	0	0	0
Seedavator	7	0	0	13,000	0	0	0
Terramite Street Sweeper	10	0	0	0	40,000	0	0
Bobcat Brushcut Rotary Cutter	6	0	0	0	8,000	0	0
Toro Rotary Wing-deck Mower	10	0	0	0	0	0	70,000
Yamaha GMAX Golf Cart #3	10	0	0	0	14,000	0	0
15" Drum Brush Chipper		0	0	0	70,000	0	0
Toro 5910 Large Area Wing-Deck Mower	10	0	0	0	0	110,000	0
Aeravator	7	0	0	0	0	13,000	0
22' Trailer		0	0	0	0	15,000	0
Ferris 3100z ZTR Mower	5	0	0	0	0	17,000	0
Ferris 3100z ZTR Mower	5	0	0	0	0	17,000	0
Ferris 61" Walk-behind Mower	7	0	0	0	0	9,000	0
Ferris ZTR IS3100	5	0	0	0	0	0	17,000
John Deere Gator Utility Vehicle		0	0	0	0	0	16,000
Toro 4010 D Rotary Mower		0	0	0	0	0	75,000
710J John Deere Backhoe		0	0	0	0	0	175,000
Pull Behind Aerator		0	0	0	0	0	6,000
John Deere 1200A Bunker Rake		0	0	0	0	0	32,000
Bobcat T770 Track Loader	10	0	0	0	0	0	70,000
Kubota M4700 Tractor	25	0	0	0	0	0	47,000
	<b>TOTAL</b>	<b>115,000</b>	<b>272,000</b>	<b>173,000</b>	<b>132,000</b>	<b>181,000</b>	<b>568,000</b>

**Parks Department Rolling Stock & Equipment Existing Condition:**

Description	Existing Condition
Ferris 72" ZTR Mower	Mower will be seven years old and will have exceeded its useful service life.
John Deere Bunker Rake	Replace 2 bunker rakes: 2006 model with field finisher, mid mount scarifier tines; 2011 model with field finisher, mid mount scarifier tines and front blade. Equipment used to groom ball fields.
Bobcat Track Loader	Used for trail construction and repair, water line installation and repair, irrigation installation and repair, tree installation, and wetland construction and maintenance. As of FY20, the existing unit will be 20 years old and will have exceeded its useful service life.
Toro Wingdeck Mowers (2)	2011 mowers used to mow grass in the parks. Replace due to age and wear.
Bobcat Mini Excavator	Used for trail construction & repair, water line and irrigation installation & repair, tree installation and wetland construction & maintenance. 2007 Bobcat will have reached its useful service life.
Morbark Brush Chipper	Used regularly for Park and Trail maintenance and storm clean-up operations.
Ferris ZTR Mower	Jacobsen Rotary Mower is used regularly to mow athletic fields at Woodlands Sports Park. Will be replaced with a Ferris ZTR mower to increase versatility.
Toro 5900 Wing-Deck Mower	2010 mower used regularly to mow grass in the parks and will need to be replaced due to age and wear. This is the normal expected life cycle of this mower.
Ingersoll Rand Asphalt Roller	In 2018, the existing asphalt roller will be 12 years old and will have exceeded its useful service life.

Seedavator	Purchased in 2012, this seeder will need to be replaced due to age and condition. Equipment used heavily in the spring and fall for turf renovation improvements.
Terramite Street Sweeper	Existing unit was purchased in 2000 and will have exceeded its useful service life by FY21.
Bobcat Brushcut Rotary Cutter	Used for parks maintenance operations. Replacement will be needed due to age & wear.
Yamaha GMAX Golf Cart #3	Golf cart has reached its life expectancy and is no longer a reliable form of transportation due to fuel issues and rear end going out. Replace with heavy duty utility cart to haul supplies, tools, and equipment.
15" Drum Brush Chipper	Chipper will be used with the new forestry body chipper truck scheduled to be added in FY21 to expedite tree work performed by Parks and Right of Way crews. City's tree canopy is in need of significant attention. With one chipper truck there are continual scheduling conflicts between crews year round. The addition of this equipment will allow both crews to work seamlessly. With the Emerald Ash Borer problems coming, the potential for significant tree removals is real.
Toro 5910 Groundsmaster Wide-area Mower	Purchased in 2012, this mower will have reached the end of its expected life cycle in FY22. Mower used regularly to mow grass in the parks.
Aeravator	Purchased in 2014, this seeder will need to be replaced due to age and condition. Equipment used heavily in the spring and fall for turf renovation improvements.
22' Trailer	Replace 12,000 GVWR, 22' trailer used daily by the mowing crew to haul mowers to and from parks. Trailer was purchased in 1989 and has already had both axels replaced due to heavy use.
Ferris 3100Z ZTR Mower	Replace ZTR Mower used heavily for Right-of-Way mowing and spraying. Purchased in 2016, the mower will have reached its life expectancy of 5 years in FY21, but we will replace it in FY22.
Ferris 61" Walk-behind Mower	Replace 2015 Mower used extensively for Right-of-Way mowing.
340B Ford Tractor	1985 tractor will be 38 years old when replaced. Used to mow and fertilize parks.
Toro Rotary Wing-deck Mower	Mower used regularly to mow grass in City-owned right-of-way and will need to be replaced due to age and wear. This is the normal expected life cycle for this type of mower.
Ferris 61" Walk Behind Mower	
Ferris ZTR IS3100	Purchased in 2017, this gas mower is used regularly to mow athletic fields and will need to be replaced in FY23 due to age and expected wear.
John Deere Gator Utility Vehicle	1994 Gator acquired from Eagle Golf. Used by the mowing crew and athletic field crew. Gator can easily access trail areas and turf areas on ball fields without damaging irrigation. Will need to be replaced due to age and constant use.
Toro 4010D Rotary Mower	Mower will be 8 years old & will need to be replaced due to age & wear from constant use
710J John Deere Backhoe	Replace the John Deere 710J Backhoe which will be 12 years old and past the end of its useful service life. The machine is used throughout the department for trail maintenance and construction, material loading, utility maintenance and construction, irrigation repairs and landscape installation.
Pull Behind Aerator	Aerator will need to be replaced due to age, wear and constant use.
John Deere 1200A Bunker Rake	Bunker rake is used primarily for grooming ballfields. This machine will need to be replaced due to constant use and reaching its life expectancy.
Bobcat T770 Track Loader	Track loader will have reached its life expectancy in FY23 and will need to be replaced due to constant use.
Kubota M4700 Tractor	Purchased in 1998, the Kubota Tractor is used extensively for spraying, seeding and aerating turf. This machine will need to be replaced due to constant use and reaching its life expectancy.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Parks

<b>PROJECT TITLE</b>	Playground Equipment
<b>PROJECT LOCATION</b>	City Park System

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement and/or new construction of playground equipment and surfacing at City parks. Playground replacement or new playground construction will be built to meet the current standards of the Americans with Disabilities Act as well as the guidelines of the Consumer Product Safety Commission.

Playground equipment is evaluated every year for replacement priority.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Construct playgrounds that meet or exceed standards set by ADA, CPSC, and ASTM. Purchase equipment with quality and longevity in mind; maintain equipment; follow replacement schedule.
<i>HEALTHY</i>	Provide playground equipment that encourages children to exercise and go outdoors.
<i>PROSPEROUS</i>	New playground equipment is free for all users, so residents of all income levels share the wealth of this benefit.
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	Provide newly developed equipment; watch trends; keep informed on industry improvements.
<i>CONNECTED</i>	Solicit and listen to user feedback about equipment. Construct playgrounds that meet or exceed standards set by ADA, CPSC, and ASTM.
<i>COMMUNITY</i>	Provide park areas for families to gather and children to play on safe playground equipment.
<i>Implications of deferring the project</i>	Increased costs for maintenance of worn out equipment. Closing playgrounds due to safety concerns.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Tennis, Playground Equipment, Pool	225,000	0	50,000	250,000	300,000	350,000	950,000	1,175,000
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	225,000	0	50,000	250,000	300,000	350,000	950,000	1,175,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Parks

<b>PROJECT TITLE</b>	Parking Lot Seal and Stripe & Athletic Field Improvements
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

Pave, repair, seal, and stripe all parking lots and roadways in the park system.

This project will extend funds for parking lot repair into FY23. FY19 includes adding fencing and cantilever to the backstop and third base sideline of City Centre’s Diamond 18 to improve foul ball protection for trail users and spectators.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Improve safety for park users.
<i>HEALTHY</i>	Reduce accidents and injuries with quality surfaces. Reduce dust from gravel surfaces.
<i>PROSPEROUS</i>	Plan and budget to perform maintenance and/or replacement as needed to sustain infrastructure.
<i>SUSTAINABLE</i>	Avoid visibly deteriorated asphalt and concrete areas which make a community appear unsightly.
<i>INNOVATIVE</i>	Make improvements when there are opportunities using new strategies and methods.
<i>CONNECTED</i>	Need quality surfaces so park users can access all areas of our parks.
<i>COMMUNITY</i>	Adequate parking lots allow families and organizations greater opportunities to gather and enjoy park areas. Reduces frustration caused by inadequate parking.
<i>Implications of deferring the project</i>	Increased costs for repairs. Possible damage and injuries. Decreased appearance.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	100,000	100,000	100,000	100,000	100,000	500,000	500,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Parks

<b>PROJECT TITLE</b>	Facility Improvements – Parks & Street Department Building
<b>PROJECT LOCATION</b>	100 Boone Hills Drive

**DESCRIPTION AND EXISTING CONDITION**

This project involves repair and maintenance of the Parks Department & Street Department facility located at 100 Boone Hills Drive. Phase three of the 100 Boone Hills Drive back lot renovation will involve modifying the existing equipment shed at the bottom of the lot and expanding and covering the existing wash bay located on the side of the lower bay. The shed modifications will allow Parks staff to store vehicles, equipment, and palletized materials (Turface, ice melt, grass seed, fertilizer, etc.) under cover and out of the elements. The wash bay modifications are required for the site to comply with federal stormwater regulations.

**2017/18:** \$30,000 – Equipment shed modifications; Concrete & drain for wash bay

**2018/19:** \$100,000 – Install roof for wash bay

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain City facilities that are safe for employees.
<i>HEALTHY</i>	Provide a comfortable working environment for employees.
<i>PROSPEROUS</i>	Maintain City facilities in proper working condition.
<i>SUSTAINABLE</i>	Provide an aesthetically pleasing environment.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Provide a City facility that is clean and safe.
<i>Implications of deferring the project</i>	Increased cost of maintenance and repair and an outdated appearance of the facility.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	30,000	0	0	0	0	0	0	30,000
Building & Improvements	0	100,000	0	0	0	0	100,000	100,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>30,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>130,000</b>
<b>Maint. &amp; Oper. Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>New Personnel Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
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<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Parks

<b>PROJECT TITLE</b>	Restroom and Concession Stand at Old Town Park
<b>PROJECT LOCATION</b>	Old Town Park

**DESCRIPTION AND EXISTING CONDITION**

Proposition P Planned Project:  
 Replace existing restroom and concession facility at Old Town Park.

This facility is inadequate and does not meet current building code for concessions.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Improve user experience at the park by providing new facility to meet user demand and all current ADA guidelines.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Inadequate restroom facilities for the park.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	250,000	0	0	250,000	250,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	250,000	0	0	250,000	250,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Parks

<b>PROJECT TITLE</b>	Laurel Park Restroom
<b>PROJECT LOCATION</b>	Laurel Park

**DESCRIPTION AND EXISTING CONDITION**

This project involves expanding the restroom at Laurel Park. The current facility is a single user facility. The park has two pavilions, a huge playground, four athletic fields, an outdoor pool, a lake, a multi-purpose court, sand volleyball, and trails. The park is in desperate need of proper restroom facilities.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Provide clean and safe restroom and eliminate a portable toilet. If funding allows, this facility will be built to meet guidelines for a storm ready shelter.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Structure will be built and maintained for longevity.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Improve park environment and experience for park users.
<i>Implications of deferring the project</i>	Continued rental costs for portable toilet and inadequate restroom facilities for park.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	250,000	0	0	0	250,000	250,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	250,000	0	0	0	250,000	250,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



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**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Storm Water

<b>PROJECT TITLE</b>	Gray Infrastructure Maintenance
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This maintenance program allows for maintenance on all gray infrastructure; pipes, inlet structures, manholes. Including chemical grouting, storm sewer and inlet repairs and rehabilitation.

Maintenance categories are shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	No street flooding or catastrophic failures.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Be good stewards of existing resources and assets.
<i>SUSTAINABLE</i>	Extend the life of current assets.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Poor water quality, habitat and not meeting EPA and MDNR water quality standards.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	160,000	170,000	180,000	190,000	200,000	210,000	950,000	1,110,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Storm Water Gray Infrastructure Maintenance Categories:**

Description	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Chemical Grout	35,000	40,000	40,000	45,000	50,000	50,000
Sewer & Inlet Repairs	35,000	40,000	40,000	45,000	50,000	50,000
CIPP & Other Rehab Methods	90,000	90,000	100,000	100,000	100,000	110,000
<b>TOTAL</b>	<b>160,000</b>	<b>170,000</b>	<b>180,000</b>	<b>190,000</b>	<b>200,000</b>	<b>210,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
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<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Storm Water

<b>PROJECT TITLE</b>	Green Infrastructure Maintenance
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This maintenance program allows for maintenance on all green infrastructure, stream preservation, retrofitting of existing detention basins to water quality basins, maintaining native riparian stream corridors, and water quality sampling; pipes, inlet structures, manholes. Including chemical grouting, storm sewer and inlet repairs and rehabilitation.

Maintenance categories are shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	No street flooding, filtering of excessive nutrients, improves water quality discharging to streams, reduces stream bank erosion, and spread of invasive plant species.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Reduce point & non-point pollutants, provide water quality testing, protect & maintain water quality in City watersheds; provides public space preservation.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Increase effectiveness of public outreach program
<i>Implications of deferring the project</i>	Poor water quality, habitat and not meeting EPA and MDNR water quality standards.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	320,000	441,500	484,000	498,000	523,000	585,000	2,531,500	2,851,500
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Storm Water Green Infrastructure Maintenance Categories:**

Description	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Basin/BMP Stewardship	60,000	130,000	130,000	140,000	145,000	185,000
Stream Channel Stewardship	85,000	135,000	200,000	215,000	215,000	215,000
Stream Channel Preservation	65,000	65,000	65,000	65,000	65,000	65,000
Basin Retrofits	80,000	85,000	61,000	50,000	70,000	85,000
Basin Mowing	15,000	16,500	18,000	20,000	23,000	30,000
Water Quality Sampling	15,000	10,000	10,000	8,000	5,000	5,000
<b>TOTAL</b>	<b>320,000</b>	<b>441,500</b>	<b>484,000</b>	<b>498,000</b>	<b>523,000</b>	<b>585,000</b>

**Basin Modifications:**

FY	Basins
2017/18	Candlewick Estates, Montecito (NW), Montecito (SE), Twill Valley
2018/19	Triad South, Queensbrooke Village, Boones Trace
2019/20	McClay Valley Dry (East), McClay Valley Dry (West), Spencer Hill, Ashleigh Estates
2020/21	Carrington Place, Parkridge Estates (North)
2021/22	Bella Vista, Hanover Crossing (Liberty), Hanover Crossing (Meadow), Hanover Crossing (Unity)
2022/23	Aspen Ridge, Harvest Point (HM), Harvest Point (HR), Heather Ridge, Heather Ridge (McClay)
2023/24	Canyon Creek, Lienemann Forest

**Stream Preservation List:**

FY	Stream Preservation List	Honeysuckle Eradication List
	Stream	Stream
2017/18	Spencer Creek West Branch	Spencer Creek: Boone Hills to City Centre
2018/19	Birdie Hills @ Eisenhower	Spencer Creek: City Centre to Mexico Rd
2019/20	Spencer Creek Park Tributary	Spencer Creek: South of Sutters Mill
2020/21	Spanish Trails NW, Laurel Park Entrance (East)	Dardenne Creek Tributary – Green Forest Estates
2021/22	Millwood to McClay Valley Blvd	
2022/23	Jungermann to Millwood	
2023/24	Harvestowne to Community Park	
2024/25	Country Crossing Trib #2	



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<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Storm Water

<b>PROJECT TITLE</b>	Levee Maintenance
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This maintenance program allows for maintenance of the Old Town and Premier 370 Levees.  
 Maintenance categories are shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Protect industrial, commercial developments and city facilities from major river flooding
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	USACE certified and acceptable levees will provide assurance for future commercial and industrial development.
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Poor water quality, habitat and not meeting EPA and MDNR water quality standards.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	173,000	185,000	185,000	190,000	190,000	190,000	940,000	1,113,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Storm Water Levee Maintenance Categories:**

Description	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Old Town Levee Overseeding/Fertilizer	15,000	15,000	15,000	15,000	15,000	15,000
Old Town Levee Mowing	12,000	15,000	15,000	15,000	15,000	15,000
Old Town Levee Herbicide Spraying	18,000	20,000	20,000	20,000	20,000	20,000
Old Town Levee Rock & Misc. Repairs	20,000	20,000	20,000	20,000	20,000	20,000
<b>Subtotal Old Town Levee Maintenance</b>	<b>65,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>
Premier 370 Levee Overseeding/Fertilizer	15,000	15,000	15,000	15,000	15,000	15,000
Premier 370 Levee Mowing	20,000	22,000	22,000	22,000	22,000	22,000
Premier 370 Levee Herbicide Spraying	16,000	18,000	18,000	18,000	18,000	18,000
Premier 370 Levee PS & Relief Wells	35,000	15,000	15,000	20,000	20,000	20,000
Premier 370 Levee Rock & Misc. Repairs	22,000	45,000	45,000	45,000	45,000	45,000
<b>Subtotal Premier 370 Levee Maintenance</b>	<b>108,000</b>	<b>115,000</b>	<b>115,000</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>
<b>TOTAL</b>	<b>173,000</b>	<b>185,000</b>	<b>185,000</b>	<b>190,000</b>	<b>190,000</b>	<b>190,000</b>



**CITY OF ST. PETERS**  
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<b>FUND</b>	Local Parks and Storm Water
<b>DEPARTMENT</b>	Storm Water

<b>PROJECT TITLE</b>	Storm Water Department Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Storm Water Department. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs and down time. Reduced productivity while vehicles are being repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	197,000	0	0	233,000	0	430,000	430,000
<b>TOTAL</b>	0	197,000	0	0	233,000	0	430,000	430,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Storm Water Department Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
402	½-Ton	10	0	32,000	0	0	0	0
407	¾-Ton	10	0	0	0	0	48,000	0
408	¾-Ton	10	0	0	0	0	0	0
435	1-Ton Dump	10	0	0	0	0	0	0
440	2-Ton TV Truck	20	0	0	0	0	0	0
447	2-Ton Dump	12	0	165,000	0	0	0	0
448	2-Ton Dump	12	0	0	0	0	185,000	0
558	SUV	10	0	0	0	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>197,000</b>	<b>0</b>	<b>0</b>	<b>233,000</b>	<b>0</b>

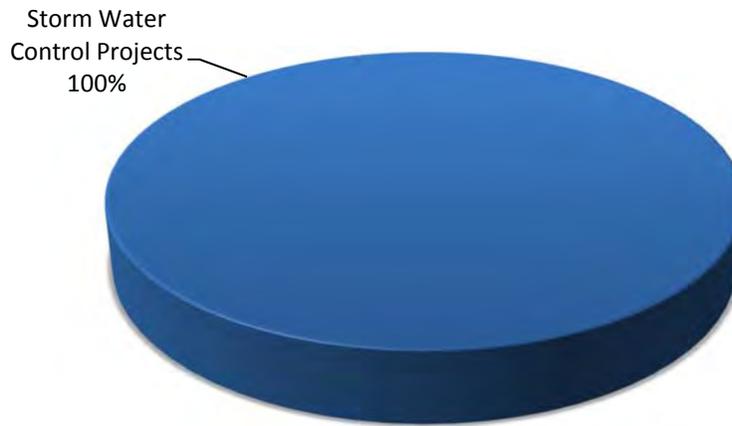


CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN

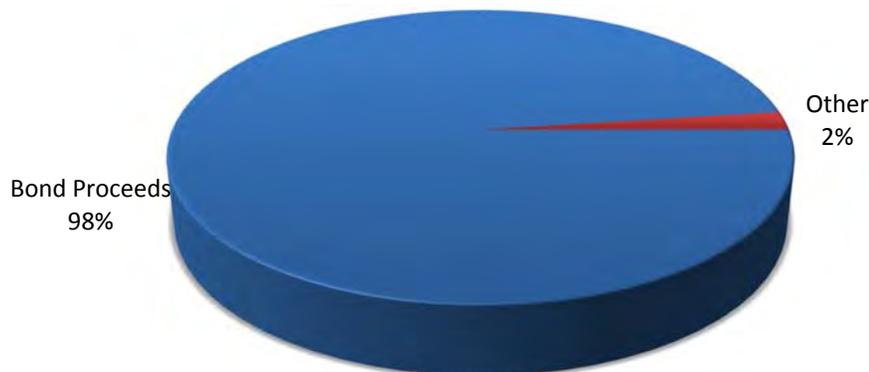
**VOTER APPROVED GENERAL OBLIGATION BONDS – STORM WATER**

On February 7, 2018, the City issued \$4,000,000 in General Obligation Bonds, Series 2018. This is the fifth series of bonds issued in connection with the \$40,000,000 authorized by the voters on August 3, 2010 for the purpose of (a) preparing a storm water watershed master plan; (b) designing, constructing, and acquiring real property and easements necessary for the implementation of storm water projects within the City, including but not limited to creek bank stabilization, erosion control, detention basin construction and reconstruction, storm water pollution prevention, construction and reconstruction of the City’s storm water collection system, and related improvements thereto; and (c) refinancing certain lease obligations relating to erosion control, watershed and basin improvements, and other storm water management related projects within the City.

**Funded - \$26,210,154**



**Funding Sources - \$26,210,154**



## Project Funding - Local Parks and Storm Water Fund Bond Projects

### Projected Fund Activity

	Actual 2012/13	Actual 2013/14	Actual 2014/15	Actual 2015/16	Actual 2016/17	Projected 2017/18	Projected 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Balance - Contingency</b>	\$0	\$3,470,173	\$10,303,132	\$5,559,471	\$10,573,671	\$4,826,280	\$2,208,755	\$0	\$0	\$0	\$0
<b>Revenue</b>											
Bond Proceeds	4,000,000	9,675,000	0	8,000,000	0	4,000,000	0	0	0	0	0
Interest Income	323	324	842	3,308	8,727	0	0	0	0	0	0
Other	<u>272,749</u>	<u>229,668</u>	<u>(300)</u>	<u>0</u>	<u>0</u>	<u>19,513</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Revenue</b>	<b><u>4,273,072</u></b>	<b><u>9,904,992</u></b>	<b><u>542</u></b>	<b><u>8,003,308</u></b>	<b><u>8,727</u></b>	<b><u>4,019,513</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b>Expenditures</b>											
Storm Water Control Projects	<u>802,899</u>	<u>3,072,033</u>	<u>4,744,203</u>	<u>2,989,108</u>	<u>5,756,118</u>	<u>6,637,038</u>	<u>2,208,755</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Expenditures</b>	<b><u>802,899</u></b>	<b><u>3,072,033</u></b>	<b><u>4,744,203</u></b>	<b><u>2,989,108</u></b>	<b><u>5,756,118</u></b>	<b><u>6,637,038</u></b>	<b><u>2,208,755</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
Income/(Loss)	3,470,173	6,832,959	(4,743,661)	5,014,200	(5,747,391)	(2,617,525)	(2,208,755)	0	0	0	0
<b>Ending Balance - Contingency</b>	<b><u>\$3,470,173</u></b>	<b><u>\$10,303,132</u></b>	<b><u>\$5,559,471</u></b>	<b><u>\$10,573,671</u></b>	<b><u>\$4,826,280</u></b>	<b><u>\$2,208,755</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>	<b><u>\$0</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Storm Water Bond Fund
<b>DEPARTMENT</b>	Storm Water

<b>PROJECT TITLE</b>	Storm Water Control Projects
<b>PROJECT LOCATION</b>	Various Locations City-wide

**DESCRIPTION AND EXISTING CONDITION**

The following sets out the funding required for the design and construction of storm water quality retrofits to existing detention basins, stream channel stabilization improvements, and storm sewer improvements and upgrades to reduce and/or eliminate flooding. The majority of the projects have been identified through the 2012 City of St. Peters Storm Water Master Plan; those not within the Storm Water Master Plan have been identified through resident concerns. Each of the basin retrofit projects and channel stabilization projects include 2 additional years of maintenance of vegetative plantings after the initial 1-year warranty period. (The 2 additional years of maintenance are paid for out of the Local Parks and Storm Water Fund.)

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	These projects are designed to incorporate safety features (shelves in basins, eliminate sheer banks, etc.) and eliminate roadway and property flooding.
<i>HEALTHY</i>	These projects are designed to remove pollutants from storm water and improve the quality of water in our streams.
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	The projects build sustainable infrastructure to convey storm water in the community mitigating flooding and reducing erosion.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	The projects provide an avenue to educate our residents on the importance of the removal of pollutants from our waterways.
<i>COMMUNITY</i>	The projects provide an improved ecosystem for fish and wildlife, and quality of life for our residents.
<i>Implications of deferring the project</i>	Non-compliance with MDNR MS4 regulations.

<b>CAPITAL COSTS</b>	Prior Years	2017/18	2018/19	2019/20	2020/21	2021/22	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	17,358,823	6,637,038	1,950,000	0	0	0	8,587,038	25,945,861
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	17,358,823	6,637,038	1,950,000	0	0	0	8,587,038	25,945,861
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

# Summary of Funded and Unfunded Storm Water Bond Projects:

PROJECT NAME	LOCATION	Priority	DESCRIPTION	EXPENSE				
				FY 2013-2016 ACTUAL	FY 2016/17 ACTUAL	FY 2017/18 FUNDED PROJECTS	FY 2018/19 FUNDED PROJECTS	UNFUNDED PROJECTS
P-1	COUNTRY CREEK & CANYON CREEK		DESIGN	75,560				
P-1	COUNTRY CREEK		CONSTRUCTION	447,070				
P-1	COUNTRY CREEK		YEAR 1 REPLANTING		30,996	5,385		
P-1A	CANYON CREEK		DESIGN	3,700				
P-1A	CANYON CREEK		CONSTRUCTION	122,823				
P-1A	CANYON CREEK		HONEYBUCKLE		5,180			
P-2	COUNTRY LAKE & ST PETERS VILLAS		DESIGN	69,397				
P-2	COUNTRY LAKE & ST PETERS VILLAS		CONSTRUCTION	205,792				
P-2	COUNTRY LAKE & ST PETERS VILLAS		CLEARING	10,566				
P-2	TURNBERRY		DESIGN	2,495				
P-2	TURNBERRY		CONSTRUCTION	94,125				
P-3	MCCLAY VALLEY		DESIGN	294,095				
P-3	MCCLAY VALLEY		CONSTRUCTION	1,334,991				
P-3	MCCLAY VALLEY (Reimbursement from FHSD)		CONSTRUCTION	(178,502)				
P-3	MCCLAY VALLEY		CLEARING	14,970				
P-4	HENRY STREET		DESIGN	33,853				
P-4	HENRY STREET		CONSTRUCTION	426,352				
P-4	HENRY STREET		MISC CONSTRUCTION	19,957				
P-5	HOMESTED (HS-1)		DESIGN	1,050				
P-5	HOMESTED (HS-1)		CONSTRUCTION	18,288	215,581	36,443		
P-5	HOMESTED (HS-1)		CLEARING	3,956		450		
P-6	PEGASUS FARMS & WILLOTT SQUARE		DESIGN	88,866				
P-6	PEGASUS FARMS & WILLOTT SQUARE		CONSTRUCTION	424,044				
P-6A	WILLOTT SQUARE / DAYCARE		CONSTRUCTION	116,129		8,019		
P-6A	WILLOTT SQUARE / DAYCARE		FENCE		11,004			
P-7	ENGLEWOOD / GOLF COURSE		DESIGN	295,983		3,843		
P-7	ENGLEWOOD / GOLF COURSE		CONSTRUCTION	1,415,139	36,531			
P-7	ENGLEWOOD / GOLF COURSE		MISC CONSTRUCTION	35,888				
P-8	COUNTRY CROSSING		DESIGN	84,262				
P-8	COUNTRY CROSSING		CONSTRUCTION	317,853				
P-8	COUNTRY CROSSING		TREE REMOVAL	1,548				
P-9	OHMES FARMS		DESIGN	120,974	1,754			
P-9	OHMES FARMS		CONSTRUCTION	628,210				
P-10	CRESCENT HILLS		DESIGN	142,760				
P-10	CRESCENT HILLS		CONSTRUCTION	468,104				
P-10	GRADOWSKI		CONSTRUCTION	4,760				
P-10	GRADOWSKI (Paid for out of LPSW)		CONSTRUCTION	(4,760)				
P-11	APPLEWOOD		DESIGN	48,693				
P-11	APPLEWOOD		CONSTRUCTION	787,680				
P-12	COVENANT PARK (SC-5,6,7)		DESIGN	30,786	1,344	45		
P-12	COVENANT PARK (SC-5,6,7) & P-27 ST PETERS CONDOS		CONSTRUCTION	195,983	1,115,895	110,626		
P-12	COVENANT PARK (SC-5,6,7) & P-27 ST PETERS CONDOS		CLEARING	8,416				
P-13	COTTAGE HILLS		DESIGN	24,946	2,069	27,214		
P-13	COTTAGE HILLS		PROPERTY ACQ.	76,321				
P-13	COTTAGE HILLS - Rainbow		CONSTRUCTION			490,000		
P-13	COTTAGE HILLS - South Gally		CONSTRUCTION					338,000
P-14	HIGHLANDS		DESIGN	230,654				
P-14	HIGHLANDS		CONSTRUCTION	642,902				
P-14	HIGHLANDS		PRS - SURVEY	350				
P-15/16	HIGHLAND ESTATES	Stabilization	DESIGN	152,107	162,850			
P-15/16	HIGHLAND ESTATES	Stabilization	CLEARING	11,136	583			
P-17/18	BOONE HILLS CULVERT / SPENCER CREEK PARK	Stabilization/ADA	DESIGN	243,156	21,440	36,415		
P-17/18	BOONE HILLS CULVERT / SPENCER CREEK PARK	Stabilization/ADA	CLEARING	23,650				
P-17/18	SPENCER CREEK PARK	Stabilization/ADA	CONSTRUCTION	241,808		494,662		
P-17/18	SPENCER CREEK PARK/ORCHARD HILLS	Flooding	STORM SEWERS			59,372		
P-19	TANGLEWOOD & HUNTELEIGH	Flooding	DESIGN	410,726	54,774			
P-19	TANGLEWOOD & HUNTELEIGH	Flooding	DESIGN	27,223		30,218		
P-19	MID VALLEY BASIN - construction phase services	Flooding	DESIGN		1,339	1,161		
P-19	PIPE PROJECTS	Flooding	CONSTRUCTION			929,047		
P-19	MID VALLEY BASIN	Flooding	CONSTRUCTION		456,811	225,196		
P-19	MID VALLEY BASIN	Flooding	CLEARING	9,000		1,227		
P-19	MID VALLEY BASIN	Flooding	EASEMENT					
P-19	MID VALLEY BASIN	Flooding	TREE FELLING		9,740			
P-19	MID VALLEY BASIN	Flooding	LAND PURCHASE		2,077			
P-19	MID VALLEY BASIN	Flooding	PERSONAL PROPERTY		3,200			
P-19	HUNTELEIGH ESTATES BASIN	Basin	CONSTRUCTION					450,000
P-19	LAUREL PARK BASIN	Basin	CONSTRUCTION					700,000
P-20	PARKDALE & BLACKWOOD	Flooding*	DESIGN	230,058		17,292		
P-20	PARKDALE & BLACKWOOD	Flooding	DESIGN AMENDMENT			45,150		
P-20	PARKDALE & BLACKWOOD	Flooding*	CONSTRUCTION			2,070,000		
P-20	PARKDALE & BLACKWOOD	Flooding	UTILITY RELOCATION		13,150			
P-21	SUN RIVER & MCCLAY MEADOWS	Flooding	DESIGN	126,968	86,842	152,290		
P-21	SUN RIVER & MCCLAY MEADOWS	Flooding	EMT STAKING			3,900		
P-21	SUN RIVER & MCCLAY MEADOWS	Flooding	CLEARING	311,514		1,878		
P-21	SUN RIVER VILLAGE & MCCLAY MEADOWS BASIN 1	Flooding	CONSTRUCTION					1,000,000
P-21	CITY PROPERTY (FRBER) & MCCLAY MEADOWS BASIN 2	Flooding	CONSTRUCTION					666,800
P-22/23	WEST DRIVE / JUNGERMANN ROAD FLOODING	Flooding	DESIGN	231,030	213,982	121,579		
P-22/23	LAND PURCHASE	Flooding	CONSTRUCTION		375,937			
P-22/23	LINING OF PIPE ON THE EAST SIDE OF JUNGERMANN	Flooding 2	CONSTRUCTION			549,106		
P-22/23	JUNGERMANN ROAD WEST PIPE & POCKET PARK	Flooding 1	CONSTRUCTION		47,654	1,330,794		
P-22/23	WEST DRIVE BASIN AND 3 INCOMING CHANNELS	Flooding 3	CONSTRUCTION					1,100,500
P-22/23	MISTY VALLEY COMMERCIAL BASIN	Flooding	CONSTRUCTION			17,523		
P-24	RACHELS TRAIL, SHINING ROCK, COUNTRY HILL, FOREST GROVE, KATHLEEN PL	Flooding	DESIGN	96,089	29,761	16,596		
P-24	RACHELS TRAIL & SHINING ROCK	Flooding	CONSTRUCTION	303,329				
P-24	RACHELS TRAIL & SHINING ROCK	Flooding	EASEMENT	8,400				
P-24	COUNTRY HILL I	Flooding	CONSTRUCTION	128,640	25,101			
P-24	COUNTRY HILL II	Flooding	CONSTRUCTION			200,000		
P-24	FOREST GROVE	Flooding	CONSTRUCTION		213,209	206,233		
P-24	KATHLEEN PLACE	Flooding	CONSTRUCTION			250,000		
P-25A	RICHMOND, PARK RIDGE, REGENCY ESTATES	Water Quality	DESIGN		108,682	9,833		
P-25A	CLEARING	Water Quality	CONSTRUCTION		4,604	779		
P-25A	RICHMOND	Water Quality	CONSTRUCTION					100,000
P-25A	PARK RIDGE	Stabilization	CONSTRUCTION					292,000
P-25A	REGENCY ESTATES	Stabilization	CONSTRUCTION					303,000
P-25B	WOODLANDS CULVERT, COUNTRY MANOR, COUNTRY CROSSING CHANNEL & BASIN	DESIGN		100,462	77,900	9,388		
P-25B	WOODLANDS CULVERT	Flooding	CONSTRUCTION		276,514			
P-25B	WOODLANDS CULVERT	Flooding	FRED WEBER		4,619			
P-25B	WOODLANDS CULVERT	Flooding	LAZARUS		79			
P-25B	COUNTRY CROSSING CHANNEL	Preservation	CONSTRUCTION					700,000
P-25B	COUNTRY CROSSING BASINS	Water Quality	CONSTRUCTION					700,000
P-26A	TELLURIDE & TANGLEWOOD	Stabilization	DESIGN		91,979	44,841		
P-26A	TELLURIDE & TANGLEWOOD	Stabilization	CLEARING	10,765	13,968	4,162		
P-26A	TELLURIDE	Stabilization	CONSTRUCTION					1,223,000
P-26A	TANGLEWOOD	Stabilization	CONSTRUCTION					760,000
P-26B	COLBY DESIGN & TIMBERIDGE STUDY	DESIGN			112,054	67,546		
P-26B	COLBY	Stabilization	CONSTRUCTION					2,100,000
P-26B	TIMBERIDGE	Flooding	DESIGN & CONSTRUCT					1,000,000
P-27	ST PETERS CONDOS, TRAILWOODS BASIN, CALWOOD REPAIR	DESIGN		133,499	11,484			
P-27	CLEARING	CLEARING		358				
P-27	CALWOOD	Stabilization	CONSTRUCTION		472,717	110,625		
P-27	TRAILWOODS BASIN	Water Quality	CONSTRUCTION					300,000
P-28	JUNGERMANN ROAD CHANNEL	DESIGN		212,368	(14,791)	10,167		
P-28	CHANNEL IMPROVEMENTS	Flooding	CLEARING		5,500			
P-28	CHANNEL IMPROVEMENTS	Flooding	CONSTRUCTION			498,887		
P-28	CHANNEL IMPROVEMENTS	Flooding	EASEMENT		26,534			
P-31	RED MILL, HERMITAGE, BROOKSHIRE	Flooding	DESIGN	27,963	33,404	3,924		
P-31	RED MILL	Flooding	CONSTRUCTION			200,000		
P-31	HERMITAGE AND BROOKSHIRE	Flooding	CONSTRUCTION			75,000		
P-31	HERMITAGE	Flooding	CONSTRUCTION					300,000
P-31	BROOKSHIRE	Flooding	CONSTRUCTION					300,000
P-31	ST PETERS GOLF COURSE DARDENNE STABILIZATION	Stabilization	DESIGN					
P-31	ST PETERS GOLF COURSE DARDENNE STABILIZATION	Stabilization	CONSTRUCTION		849,824			
	MASTER PLAN UPDATE	DESIGN					150,000	
	HIDDEN LAKE/JUNGERMANN OFFICE PARK, INCLUDING UPSTREAM OF BRIARWICK TRAIN & HIDDEN LAKE BASIN	Water Quality	DESIGN					220,800
	HIDDEN LAKE/JUNGERMANN OFFICE PARK, INCLUDING UPSTREAM OF BRIARWICK TRAIN & HIDDEN LAKE BASIN	Water Quality	CONSTRUCTION					1,988,000
P-35	REGIONAL BASIN & CHANNELS NORTH OF I-70	Flooding	CONSTRUCTION					3,000,000
	HUNTERS VALLEY & CARRINGTON STREAM STABILITY	Stabilization	DESIGN					276,700
	HUNTERS VALLEY & CARRINGTON STREAM STABILITY	Stabilization	CONSTRUCTION					2,482,514
P-32/13	GATESWOOD DRIVE & HUNTERS VALLEY	Flooding	DESIGN			69,057		
P-32	GATESWOOD DRIVE	Flooding	CONSTRUCTION				200,000	
P-32	GATESWOOD DRIVE	Flooding	CONSTRUCTION					
P-33	HUNTERS VALLEY, DOWNSTREAM OF HICKORY RIDGE	Stabilization	CONSTRUCTION			100,000		
	BETWEEN MILLWOOD DRIVE AND MILL RACE DRIVE	Stabilization	DESIGN					100,000
	BETWEEN MILLWOOD DRIVE AND MILL RACE DRIVE	Stabilization	CONSTRUCTION					575,000
	SOUTH SIDE OF KIMBERLY, E OF ST PETERS COTTLEVILLE RD	Stabilization	DESIGN					100,000
	SOUTH SIDE OF KIMBERLY, E OF ST PETERS COTTLEVILLE RD	Stabilization	CONSTRUCTION					375,000
	DOWNSTREAM OF P-10, UPSTREAM OF SC-3	Stabilization	DESIGN					100,000
	DOWNSTREAM OF P-10, UPSTREAM OF SC-3	Stabilization	CONSTRUCTION					375,000
P-34	EHLWANN ROAD/TURNBERRY	Flooding	CONSTRUCTION			30,000		
	<b>GRAND TOTAL (STORM WATER BOND PROJECTS)</b>			<b>11,578,089</b>	<b>5,780,734</b>	<b>6,637,038</b>	<b>1,950,000</b>	<b>22,441,474</b>



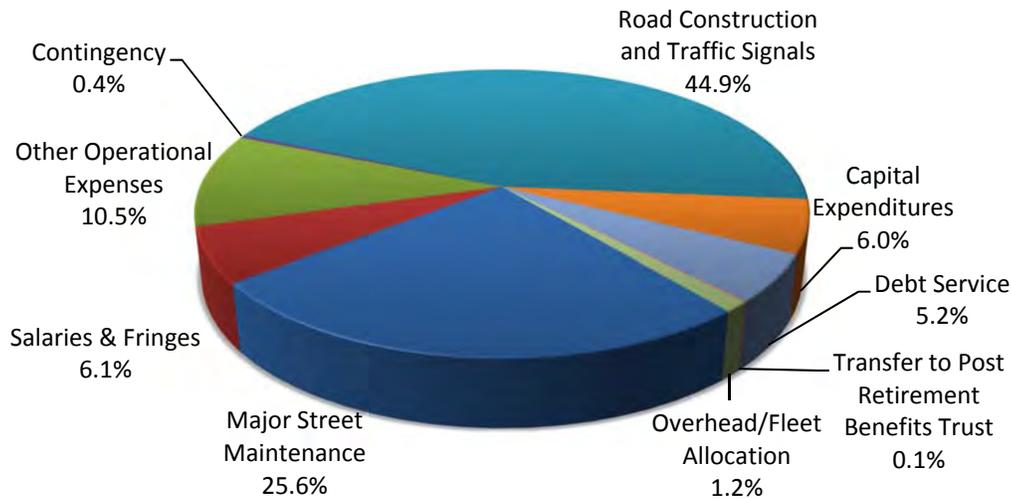
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN**

**TRANSPORTATION TRUST FUND – CAPITAL PROJECT SUMMARY**

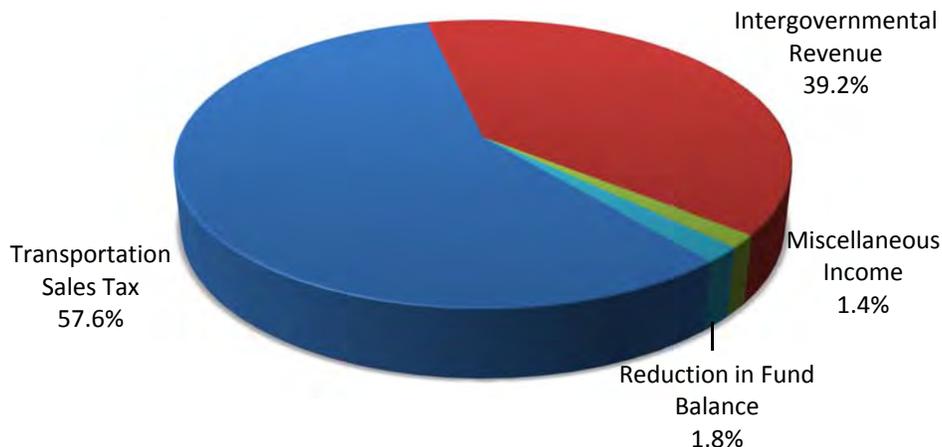
The Transportation Trust Fund was established following the approval of a 1/2¢ transportation sales tax by referendum in 1982. Under state statutes, the money from this tax may be used for construction, reconstruction, repair and maintenance of streets, roads, and bridges, the acquisition of lands and right-of-way for streets, roads, and bridges, and for planning and feasibility studies for streets, roads, and bridges. All money from this sales tax is deposited in the City’s Transportation Trust Fund.

This fund is also used to account for grants that pay a portion of the project costs. The City actively pursues grants for any projects that may qualify. In addition, the City expects to receive partial funding for several road projects from the County Road and Bridge Fund. In the event the City does not obtain its projected grant funding, several of the projects set forth in this plan may be deferred or not completed.

**Funded - \$70,158,285**



**Funding Sources - \$70,158,285**



<b>TRANSPORTATION TRUST FUND PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Road Construction and Traffic Signals	4,126,315	2,981,820	7,761,900	12,963,955	3,636,700	31,470,690
<b>Subtotal: Road Construction and Traffic Signals</b>	<b>4,126,315</b>	<b>2,981,820</b>	<b>7,761,900</b>	<b>12,963,955</b>	<b>3,636,700</b>	<b>31,470,690</b>
Asphalt Overlay	1,120,000	1,170,000	1,220,000	1,270,000	1,325,000	6,105,000
Concrete Slab Replacement	1,300,000	1,300,000	1,300,000	1,500,000	1,700,000	7,100,000
Concrete Curb Repair	75,000	75,000	75,000	75,000	75,000	375,000
Sidewalk Repair/Infill	375,000	375,000	375,000	375,000	375,000	1,875,000
Joint and Crack Sealing	125,000	125,000	125,000	125,000	125,000	625,000
Deicing Chemicals	180,000	180,000	180,000	180,000	180,000	900,000
Other Maintenance	193,500	195,000	196,500	198,000	199,500	982,500
<b>Subtotal: Major Street Maintenance</b>	<b>3,368,500</b>	<b>3,420,000</b>	<b>3,471,500</b>	<b>3,723,000</b>	<b>3,979,500</b>	<b>17,962,500</b>
Vehicles	249,000	196,000	135,000	247,000	337,000	1,164,000
Rolling Stock	774,000	317,500	48,500	90,000	175,000	1,405,000
Salt Brine Equipment Replacement & Storage Building Remodel	12,500	30,000	0	0	0	42,500
Traffic Signal Improvements	160,000	160,000	175,000	175,000	190,000	860,000
LED Street Light Retrofit Program (Unmetered Service)	140,000	140,000	140,000	140,000	140,000	700,000
Miscellaneous Items Under \$50,000	15,000	0	0	0	0	15,000
<b>Subtotal: Capital</b>	<b>1,350,500</b>	<b>843,500</b>	<b>498,500</b>	<b>652,000</b>	<b>842,000</b>	<b>4,186,500</b>
<b>TOTAL TRANSPORTATION TRUST FUND PROJECTS</b>	<b>\$8,845,315</b>	<b>\$7,245,320</b>	<b>\$11,731,900</b>	<b>\$17,338,955</b>	<b>\$8,458,200</b>	<b>\$53,619,690</b>

## Project Funding - Transportation Trust Fund

### Projected Fund Activity

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Balance</b>	<b>\$4,267,322</b>	<b>\$3,607,182</b>	<b>\$4,093,072</b>	<b>\$1,672,522</b>	<b>\$1,257,452</b>	<b>\$1,191,152</b>	<b>\$1,186,977</b>	<b>\$859,207</b>
Transfer from Local Parks and Storm Water Fund	527,240	0	57,110	0	0	0	0	0
Transfer from City Centre TIF	349,407	0	0	0	0	0	0	0
Transfer from Old Town TIF	103,720	998,268	40,745	0	0	0	0	0
Add: Sales Tax	7,269,803	7,139,943	7,489,450	7,689,250	7,943,050	8,101,950	8,264,000	8,429,300
Intergovernmental Revenue	2,715,346	2,948,708	8,591,980	3,581,490	2,313,320	6,768,625	11,953,235	2,880,510
Other	196,867	236,826	181,000	355,000	168,000	161,000	158,000	150,000
Interest	<u>2,605</u>	<u>9,660</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>	<u>1,000</u>
Total Revenue	<u>10,184,621</u>	<u>10,335,137</u>	<u>16,263,430</u>	<u>11,626,740</u>	<u>10,425,370</u>	<u>15,032,575</u>	<u>20,376,235</u>	<u>11,460,810</u>
<b>Funds Available</b>	<b><u>15,432,310</u></b>	<b><u>14,940,587</u></b>	<b><u>20,454,357</u></b>	<b><u>13,299,262</u></b>	<b><u>11,682,822</u></b>	<b><u>16,223,727</u></b>	<b><u>21,563,212</u></b>	<b><u>12,320,017</u></b>
Less: Road Construction and Traffic Signals	4,653,455	5,687,260	11,737,690	4,126,315	2,981,820	7,761,900	12,963,955	3,636,700
Street Maintenance	4,276,499	2,423,775	3,840,175	4,692,925	4,258,800	3,846,800	4,392,600	4,829,900
Traffic Management	1,868,227	1,761,265	2,197,870	2,240,170	2,278,350	2,461,050	2,387,050	2,465,650
Contingency	71,363	13,515	50,000	50,000	50,000	50,000	50,000	50,000
Debt Service	<u>764,885</u>	<u>760,640</u>	<u>754,500</u>	<u>751,000</u>	<u>740,500</u>	<u>734,000</u>	<u>726,500</u>	<u>717,000</u>
<b>Total Uses Of Funds</b>	<b><u>11,634,429</u></b>	<b><u>10,646,455</u></b>	<b><u>18,580,235</u></b>	<b><u>11,860,410</u></b>	<b><u>10,309,470</u></b>	<b><u>14,853,750</u></b>	<b><u>20,520,105</u></b>	<b><u>11,699,250</u></b>
Transfer to/(from) Reserves	(1)	(40)	0	0	0	0	0	0
Transfer to Post Retirement Benefits Fund	18,200	13,200	13,900	14,600	15,400	16,200	17,100	18,000
Administration Overhead	<u>172,500</u>	<u>187,900</u>	<u>187,700</u>	<u>166,800</u>	<u>166,800</u>	<u>166,800</u>	<u>166,800</u>	<u>166,800</u>
<b>Ending Fund Balance</b>	<b><u>\$3,607,182</u></b>	<b><u>\$4,093,072</u></b>	<b><u>\$1,672,522</u></b>	<b><u>\$1,257,452</u></b>	<b><u>\$1,191,152</u></b>	<b><u>\$1,186,977</u></b>	<b><u>\$859,207</u></b>	<b><u>\$435,967</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets and Traffic

<b>PROJECT TITLE</b>	Road Construction and Reconstruction & Traffic Signals and Intersection Geometric Modification Project
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The following sets out the funding required for the new road construction and reconstructions projects and the design and installation of traffic signals at several locations in the City. A detailed description of the road projects to be implemented and the locations for installation of traffic signals over the next five years is included.

In order to meet the demands of a growing population, new streets must be constructed and existing streets must be widened and reconfigured to improve traffic flow and safety. In addition, from time to time, growth and traffic flow patterns result in traffic movement or pedestrian safety problems that necessitate placement of traffic signals. Geometric modifications (changing the direction of traffic flow through the placement of traffic signals) and traffic signalization is required to move traffic efficiently.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain and update transportation facilities to current performance and design standards.
<i>HEALTHY</i>	Provide multi-modal transportation improvements to better accommodate and encourage pedestrian, bicycle and other modes of travel.
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Improves transportation facilities to reduce travel delay and incorporate more efficient technologies. Provides periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure that integrates all modes of travel and routes.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Road Projects	11,737,690	4,126,315	2,981,820	7,761,900	12,963,955	3,636,700	31,470,690	43,208,380
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	11,737,690	4,126,315	2,981,820	7,761,900	12,963,955	3,636,700	31,470,690	43,208,380
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

# Summary of Road and Signal Projects:

PROJECT NAME	DESCRIPTION	2017/18 BUDGET			2018/19 BUDGET			2019/20			2020/21			2021/22			2022/23		
		EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET
ENHANCEMENTS/ OTHER COSTS	CONSTRUCTION	120,000	-	120,000	120,000	-	120,000	120,000	-	120,000	120,000	-	120,000	-	-	-	-	-	-
MID RIVERS MALL DRIVE RESURFACING II (MEXICO RD TO ST. PETERS-HOWELL)	CONSTRUCTION	100,000	-	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD WIDENING (NOR TO SALT RIVER ROAD)	CONSTRUCTION	40,745	-	40,745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QUEENSBROOK @ HARVESTER INTERSECTION AND SIGNAL	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	300,000	500,000	(200,000)	-	-	-	-
MRMD CORRIDOR IMPROVEMENTS (COTTLEVILLE PKWY to EDC)	DESIGN	10,050	8,040	2,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD CORRIDOR IMPROVEMENTS (COTTLEVILLE PKWY to EDC)	ROW	35,100	28,080	7,020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD CORRIDOR IMPROVEMENTS (COTTLEVILLE PKWY to EDC)	UTILITY	50,000	40,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD CORRIDOR IMPROVEMENTS (COTTLEVILLE PKWY to EDC)	CONST. ENGINEERING	93,685	74,945	18,740	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD CORRIDOR IMPROVEMENTS (COTTLEVILLE PKWY to EDC)	CONSTRUCTION	1,607,545	1,337,560	269,985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MCCLAY ROAD RESURFACING I (SHEPHERD HILLS TO JUNGERMANN ROAD)	CONSTRUCTION	1,241,000	985,990	255,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MCCLAY ROAD RESURFACING II (JUNGERMANN ROAD TO MCCLAY VALLEY)	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	1,335,400	1,068,320	267,080	-	-	-	-	-
MCCLAY ROAD RESURFACING III (MCCLAY VALLEY TO HACKMANN)	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	1,461,000	1,168,800	292,200	-	-
CENTENNIAL GREENWAY PHASE 4	DESIGN	121,300	97,040	24,260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTENNIAL GREENWAY PHASE 4	ROW	-	-	-	91,350	73,080	18,270	-	-	-	-	-	-	-	-	-	-	-	-
CENTENNIAL GREENWAY PHASE 4	UTILITY	-	-	-	-	-	-	100,000	80,000	20,000	-	-	-	-	-	-	-	-	-
CENTENNIAL GREENWAY PHASE 4	CONSTRUCTION	-	-	-	-	-	-	716,960	573,565	143,395	-	-	-	-	-	-	-	-	-
ARROWHEAD IND.-SRR INTERSECTION	ROW	41,110	32,885	8,225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARROWHEAD IND.-SRR INTERSECTION	UTILITY	-	-	-	20,000	19,200	800	-	-	-	-	-	-	-	-	-	-	-	-
ARROWHEAD IND.-SRR INTERSECTION	CONSTRUCTION	-	-	-	956,500	926,240	30,260	-	-	-	-	-	-	-	-	-	-	-	-
SUEMANDY DRIVE WIDENING (GRAND TETON TO VMP)	DESIGN	-	-	-	-	-	-	-	-	-	60,000	48,000	12,000	-	-	-	-	-	-
SUEMANDY DRIVE WIDENING (GRAND TETON TO VMP)	ROW	-	-	-	-	-	-	-	-	-	-	-	-	50,000	40,000	10,000	-	-	-
SUEMANDY DRIVE WIDENING (GRAND TETON TO VMP)	UTILITY	-	-	-	-	-	-	-	-	-	-	-	-	150,000	120,000	30,000	-	-	-
SUEMANDY DRIVE WIDENING (GRAND TETON TO VMP)	CONST. ENGINEERING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,000	16,000	4,000
SUEMANDY DRIVE WIDENING (GRAND TETON TO VMP)	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	667,000	533,600	133,400
MEXICO RD FIBER NETWORK EXPANSION	DESIGN	-	-	-	117,465	93,970	23,495	-	-	-	-	-	-	-	-	-	-	-	-
MEXICO RD FIBER NETWORK EXPANSION	CONSTRUCTION	-	-	-	-	-	-	783,100	626,480	156,620	-	-	-	-	-	-	-	-	-
SALT RIVER ROAD FIBER NETWORK EXT	DESIGN	-	-	-	-	-	-	119,160	114,395	4,765	-	-	-	-	-	-	-	-	-
SALT RIVER ROAD FIBER NETWORK EXT	CONSTRUCTION	-	-	-	-	-	-	-	-	-	794,400	762,625	31,775	-	-	-	-	-	-
WILLOTT ROAD FIBER NETWORK EXT	DESIGN	-	-	-	-	-	-	-	-	-	-	-	-	62,955	60,435	2,520	-	-	-
WILLOTT ROAD FIBER NETWORK EXT	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	419,700	402,910	16,790
JUNGERMANN-BOONE HILLS DRIVE INTERSECTION IMPROVEMENTS	CONSTRUCTION	72,730	58,185	14,545	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAYFINDING SIGNAGE	CONSTRUCTION	30,000	-	30,000	30,000	-	30,000	30,000	-	30,000	30,000	-	30,000	-	30,000	-	-	-	-
JUNGERMANN ROAD BRIDGE REPLACEMENT	CONSTRUCTION (BRM)	1,427,680	1,370,570	57,110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUNGERMANN ROAD BRIDGE REPLACEMENT	CONSTRUCTION (ROADWAY)	1,172,200	737,305	434,895	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUNGS STATION ROAD RESURFACING	CONSTRUCTION	-	-	-	-	-	-	-	-	-	1,477,100	1,181,680	295,420	-	-	-	-	-	-
CITYWIDE BRIDGE REHABILITATION	DESIGN	-	-	-	-	-	-	180,000	172,800	7,200	-	-	-	-	-	-	-	-	-
CITYWIDE BRIDGE REHABILITATION	CONSTRUCTION	-	-	-	-	-	-	-	-	-	1,800,000	1,728,000	72,000	-	-	-	-	-	-
MRMD RIGHT TURN LANE IMPROVEMENTS (MCMENAMY TO CONNECTION E)	ROW	29,800	23,840	5,960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD RIGHT TURN LANE IMPROVEMENTS (MCMENAMY TO CONNECTION E)	CONSTRUCTION	21,500	-	21,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENHANCED CITY LIMIT SIGNS	CONSTRUCTION	74,620	-	74,620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MO364 @ MRMD IMPROVEMENTS	CONSTRUCTION	121,640	-	121,640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXECUTIVE DRIVE EXTENSION	DESIGN	-	-	-	-	-	-	-	-	90,000	72,000	18,000	-	-	-	-	-	-	-
EXECUTIVE DRIVE EXTENSION	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	650,000	520,000	130,000	-	-	-	-
LUTHERAN ROAD EXT (HS/MEXICO TO EXECUTIVE CENTRE PKWY)	DESIGN	-	-	-	-	-	-	-	-	-	-	-	120,000	96,000	24,000	-	-	-	-
LUTHERAN ROAD EXT (HS/MEXICO TO EXECUTIVE CENTRE PKWY)	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	810,000	648,000	162,000	-
FLASHING LED PEDESTRIAN CROSSING SIGNS - W SUNNY HILLS BLVD	CONSTRUCTION	5,475	-	5,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLASHING LED PEDESTRIAN CROSSING SIGNS - OHMES RD	CONSTRUCTION	5,475	-	5,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLASHING LED PEDESTRIAN CROSSING SIGNS - BOONE HILLS DR	CONSTRUCTION	5,475	-	5,475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLASHING LED PEDESTRIAN CROSSING SIGNS - KIMBERLY LN/TOT LOT	CONSTRUCTION	-	-	-	8,500	-	8,500	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD (LAKESIDE DR TO LOT 13 OF 370 LAKESIDE PARK)	CONSTRUCTION	800,000	-	800,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALT LICK ROAD - GOLF/BANQUET CENTER ENTRANCE	CONSTRUCTION	350,000	-	350,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD @ 364 ENTRANCE MONUMENT	CONSTRUCTION	75,000	-	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD @ I-70 ENTRANCE MONUMENT	CONSTRUCTION	150,000	-	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER RD EXTENSION (WEST END)	CONSTRUCTION	-	-	-	1,215,000	1,215,000	-	-	-	-	-	-	-	-	-	-	-	-	-
4000 PREMIER PKWY & PREMIER 370 BUSINESS PARK TRANSPORTATION IMPROVEMEN	CONSTRUCTION	3,387,700	3,387,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD & PREMIER PKWY WEST TRANSPORTATION IMPROVEMENTS	CONSTRUCTION	512,300	409,840	102,460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMPS	DESIGN	35,560	-	35,560	1,567,500	1,254,000	313,500	-	-	-	-	-	-	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 1	CONSTRUCTION	-	-	-	-	-	-	-	-	-	1,650,000	1,584,000	66,000	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 2	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	8,800,000	8,448,000	352,000	-	-	-
MRMD MULTI-USE PATH EXTENSION (DYE CLUB RD TO MO 364)	DESIGN	-	-	-	-	-	-	182,600	146,080	36,520	-	-	-	-	-	-	-	-	-
MRMD MULTI-USE PATH EXTENSION (DYE CLUB RD TO MO 364)	ROW	-	-	-	-	-	-	-	-	-	150,000	120,000	30,000	-	-	-	-	-	-
MRMD MULTI-USE PATH EXTENSION (DYE CLUB RD TO MO 364)	UTILITY	-	-	-	-	-	-	-	-	-	-	-	-	50,000	40,000	10,000	-	-	-
MRMD MULTI-USE PATH EXTENSION (DYE CLUB RD TO MO 364)	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	1,100,000	880,000	220,000	-	-	-
EXECUTIVE CENTRE BLVD GREAT STREET	DESIGN	-	-	-	-	-	-	-	-	-	255,000	204,000	51,000	-	-	-	-	-	-
EXECUTIVE CENTRE BLVD GREAT STREET	ROW	-	-	-	-	-	-	-	-	-	-	-	-	100,000	80,000	20,000	-	-	-
EXECUTIVE CENTRE BLVD GREAT STREET	UTILITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100,000	80,000	20,000
EXECUTIVE CENTRE BLVD GREAT STREET	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500,000	1,200,000	300,000
I-70 SOR ALIGNMENT STUDY (SALT LICK RD TO S GATTY DR)	CONSTRUCTION	-	-	-	-	-	-	750,000	600,000	150,000	-	-	-	-	-	-	-	-	-
GRAND TOTAL FUNDED ROAD AND SIGNAL PROJECTS		11,737,690	8,591,980	3,145,710	4,126,315	3,581,490	544,825	2,981,820	2,313,320	668,500	7,761,900	6,768,625	1,043,275	12,963,955	11,953,235	1,010,720	3,636,700	2,880,510	756,190



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Asphalt Overlay
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The Streets Department is responsible for the maintenance of approximately 83.01 centerline miles of asphalt streets. There are currently 195 lane miles (1,376,462 square yards) of asphalt streets maintained by the City of St. Peters. As asphalt pavement ages, the pavement surface begins to deteriorate. Asphalt overlays restore the surface integrity before damage is done to the subsurface, which is a more costly repair. To determine needs, the City developed a computerized pavement maintenance management system to enable a citywide assessment of streets. The current budget allows for resurfacing of approximately 118,000 square yards of asphalt pavement annually using City forces. Resurfacing of 118,378 square yards annually is required to achieve a 12-year service life for asphalt pavement, which is the program goal. Future year budgets reflect expected increases in material and trucking costs, which have been increasing annually by 1% and 3.2% respectively.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain and update transportation facilities to current performance and design standards.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Provide periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	1,120,000	1,120,000	1,170,000	1,220,000	1,270,000	1,325,000	6,105,000	7,225,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Concrete Slab Replacement
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the repair and replacement of concrete streets. The project will also include the installation of Americans with Disabilities Act (ADA) compliant accessible ramps where sidewalks intersect near an area of concrete pavement replacement.

There are currently 333 lane miles (2,344,988 square yards) of concrete pavement maintained by the City of St. Peters. Many of the City's concrete roadways are in need of repair due to reaching the end of their service life. To determine replacement and repair needs, the City developed a computerized pavement maintenance management system to enable a citywide assessment of streets. The current budget allows for replacement of approximately 40,000 square yards of damaged concrete pavement. Removal and replacement of 65,115 square yards annually is required to achieve a 35-year service life for concrete pavement, which is the program goal.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain and update transportation facilities to current performance and design standards.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Provide periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	1,300,000	1,300,000	1,300,000	1,300,000	1,500,000	1,700,000	7,100,000	8,400,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Curb Repair
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the repair and replacement of concrete curb and gutter sections. This work is typically performed in conjunction with asphalt overlay operations. Replacement of damage curb and gutter sections is a key component of a successful asphalt overlay program. The project will also include the installation of Americans with Disabilities Act (ADA) compliant accessible ramps. There are currently 195 lane miles (88.01 centerline miles) of asphalt streets maintained by the City of St. Peters, containing over 178.2 miles (940,896 lineal feet) of concrete curb and gutter. Based on City staff experience from field inspections, typically replacement of 10% of the curb and gutter on streets scheduled for asphalt overlay is required. Therefore 10% curb and gutter replacement on streets scheduled for asphalt overlay, or 2,600 lineal feet per year, is the program goal. The current budget was based on a previous program goal, and allows for replacement of approximately 26,100 lineal feet. Future year budgets will allow for the removal and replacement of up to 2,600 lineal feet annually, which is the program goal.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain and update transportation facilities to current performance and design standards.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Provide periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	250,000	75,000	75,000	75,000	75,000	75,000	375,000	625,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Sidewalk Repair/Infill/ADA Transition
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of damage sidewalk sections, improving sidewalk systems to current Americans with Disabilities Act (ADA) standards and construction of new concrete sidewalks. Accessibility, new development, population growth, and aging infrastructure are all factors that affect the need for these improvements. The City will seek to leverage these funds to complete larger sidewalk improvement projects through available funding sources, such as federal Transportation Alternative Program (TAP), Surface Transportation Program (STP) and Congestion Mitigation and Air Quality (CMAQ) programs administered by East West Gateway and MoDOT.

Currently, the City maintains 95 miles (501,600 lineal feet) of sidewalks and 1,392 accessible ramps. The current budget allows for replacement of approximately 10,000 square feet of damaged sidewalks and 35 accessible ramps, along with the construction of 5,000 square feet of new sidewalks. The program goal is to replace 18,000 sq ft of damaged sidewalk and 115 accessible ramps, along with the construction of 6,000 square feet of new sidewalk.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain and update transportation facilities to current performance and design standards.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Provide periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	200,000	375,000	375,000	375,000	375,000	375,000	1,875,000	2,075,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Joint and Crack Sealing
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the periodic sealing of joints and cracks in concrete and asphalt pavements. There are currently 528 lane miles (228.17 centerline miles) of pavement in the City of St. Peters. As pavement ages, random cracks form and the joint sealant installed between concrete slabs deteriorates, requiring replacement to prevent further damage caused by water penetration to the subgrade. To keep water from causing further damage to the pavements, crack sealing is a good preventive maintenance measure used to extend the service life of pavements. The current budget allows for the sealing of joints and cracks along approximately 153,000 centerline lineal feet of concrete and asphalt pavement annually. Sealing of joints and cracks along 121,075 centerline lineal feet of pavement annually is required to achieve a 10-year service life, which is the program goal.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain and update transportation facilities to current performance and design standards.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Provide periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	125,000	125,000	125,000	125,000	125,000	125,000	625,000	750,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Traffic

<b>PROJECT TITLE</b>	Deicing Chemicals
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the annual purchase of deicing chemicals, such as rock salt and calcium chloride, for use during snow and ice control operations.

The City of St. Peters maintains 528 lane miles (228.17 centerline miles) of roadways. During snow and ice events various deicing and ice control chemicals are required to maintain safe use of these roadways. The City has the capacity to store 5,500 tons of rock salt, 5,000 gallons of liquid calcium chloride, and 8,000 gallons of salt brine.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Reduce degradation of transportation facilities during inclement weather.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	60,000	180,000	180,000	180,000	180,000	180,000	900,000	960,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Streets Department Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Streets Department. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	220,000	170,000	0	247,000	337,000	974,000	974,000
<b>TOTAL</b>	0	220,000	170,000	0	247,000	337,000	974,000	974,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Streets Department Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
303	½-Ton	8	0	0	0	0	0	0
304	¾-Ton	10	0	0	0	0	0	0
305	¾-Ton	10	0	0	0	0	0	0
307	¾-Ton	10	0	55,000	0	0	0	0
318	¾-Ton	10	0	55,000	0	0	0	0
329	2-Ton Pothole Patching Truck	14	0	0	0	0	0	0
330	1-Ton	10	0	0	0	0	0	0
331	1-Ton	10	0	0	0	0	0	0
332	1-Ton	10	0	110,000	0	0	0	0
333	1-Ton	10	0	0	0	0	0	0
334	1-Ton	10	0	0	0	0	0	0
336	1-Ton	10	0	0	0	0	0	0
337	1-Ton	10	0	0	0	0	67,000	0
341	2-Ton	12	0	0	170,000	0	0	0
343	2-Ton	12	0	0	0	0	0	156,000
344	2-Ton	12	0	0	0	0	0	0
345	2-Ton	12	0	0	0	0	0	0
346	2-Ton	12	0	0	0	0	0	0
347	2-Ton	12	0	0	0	0	180,000	0
349	2-Ton	14	0	0	0	0	0	0
350	5-Ton	14	0	0	0	0	0	0
351	5-Ton	14	0	0	0	0	0	0
352	5-Ton	14	0	0	0	0	0	181,000
353	1-Ton	10	0	0	0	0	0	0
354	5-Ton Tractor	14	0	0	0	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>220,000</b>	<b>170,000</b>	<b>0</b>	<b>247,000</b>	<b>337,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Traffic

<b>PROJECT TITLE</b>	Traffic Department Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Traffic Department. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	26,000	29,000	26,000	135,000	0	0	190,000	216,000
<b>TOTAL</b>	26,000	29,000	26,000	135,000	0	0	190,000	216,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Traffic Department Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
301	SUV	10	26,000	0	0	0	0	0
302	½-Ton	8	0	0	26,000	0	0	0
306	¼-Ton	10	0	29,000	0	0	0	0
335	1-Ton Bucket	10	0	0	0	0	0	0
338	1-Ton Bucket	10	0	0	0	135,000	0	0
		<b>TOTAL</b>	<b>26,000</b>	<b>29,000</b>	<b>26,000</b>	<b>135,000</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Streets Department Rolling Stock and Equipment Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of rolling stock and equipment used by the City's Streets Department. The project is intended to establish a replacement cycle that matches the life cycle of the asset.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for equipment ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the equipment needed to perform City functions.
<i>SUSTAINABLE</i>	The replacement plan for equipment assists in having the most efficient equipment possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity. Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	20,000	0	0	0	0	0	0	20,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	46,000	774,000	317,500	48,500	90,000	175,000	1,405,000	1,451,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	66,000	774,000	317,500	48,500	90,000	175,000	1,405,000	1,471,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Streets Department Rolling Stock & Equipment Replacement Schedule:**

Description	Expected Life (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Skid Steer	7	0	70,000	72,500	0	0	0
Large Pavement Mill	10	0	680,000	0	0	0	0
Power Box	15	20,000	0	0	0	0	0
Salt Brine Application System	15	0	24,000	0	0	0	0
Skid Steer Attachments	14-21	0	0	10,000	0	0	0
10-Ton Roller	15	0	0	200,000	0	0	0
Equipment Trailers	20	15,000	0	15,000	7,500	0	0
Loading Hopper	20	0	0	20,000	0	0	0
Joint and Crack Seal Machine	15	0	0	0	41,000	0	0
100-Ton Lowboy Trailer	20	0	0	0	0	90,000	0
Walk-Behind Paint Striper	10	11,000	0	0	0	0	0
7.5-Ton HVAC Unit	10	20,000	0	0	0	0	0
4 X 4 Backhoe with extended bucket	13-15	0	0	0	0	0	175,000
	<b>TOTAL</b>	<b>66,000</b>	<b>774,000</b>	<b>317,500</b>	<b>48,500</b>	<b>90,000</b>	<b>175,000</b>

**Streets Department Rolling Stock & Equipment Existing Condition:**

Description	Existing Condition
Skid Steer	Skid steers are used by the Streets Department to perform various maintenance operations. They are each scheduled for replacement at the end of their expected life.
Large Pavement Mill	The 2008 Cat PM200 Pavement Mill used to perform asphalt mill operations will reach the end of its expected life in 2017/18.
Power Box	The current power box is 10 years old and installed on truck 337. It is used to support asphalt paving operations and perform equipment maintenance in the field.
Salt Brine Application System	2,600 gallon, tandem truck mounted, salt brine and deicing chemical application system which will replace the Streets Department's 1,000 gallon salt brine application trailer. The system will consist of a tank and hydraulic pump system enclosed in a steel frame, allowing it to be installed in to the bed of a tandem axle dump truck, like a salt spreader. The system will operate off of the truck hydraulics and be stored similar to a salt spreader when not in use.
Skid Steer Attachments	The department operates three skid steers which share various powered attachments like sweeping, pavement breaker, auger, and post driver. Each attachment has a useful life of 14 to 21 years depending on the attachment. The department's 750 LB breaker attachment will reach the end of its 14 year useful life in FY20.
10-Ton Roller	The current 10-Ton Roller was refurbished in 2014 to extend its useful life from 15 to 20 years, which will be in FY20. The roller is used for asphalt resurfacing and concrete pavement replacement operations.
Equipment Trailers	The department operates 6 trailers to haul material and equipment. They are each scheduled for replacement at the end of their expected life of 20 years. The FY20 budget includes the replacement of 2. The FY21 budget includes the replacement of 1 trailer. One 18 year old trailer has the need for replacement in FY18.
Loading Hopper	A stainless steel hopper used to receive salt and other granular materials from loading equipment and meter this material onto a conveyor. The hopper will replace a small loading conveyor used by the department to perform a similar function.
Joint and Crack Seal Machine	The department operates 1 trailer mounted joint and crack seal machine to seal concrete and asphalt pavements. This type of machine has an expected useful life of 15 years. The current machine was purchased in 2006.
100-Ton Lowboy Trailer	The department operates one 100-Ton Lowboy Trailer for hauling the paver, mill, large roller, and various heavy equipment. All depts. utilize the trailer for mobilizing their heavy equipment. Current trailer is 15 years old with an expected replacement in FY22.
Walk-Behind Paint Striper	The Department has 2 paint strippers, one is 15 years old and the other is 8 years old. TDS utilizes paint strippers for parking lots, intersections and crosswalks. Numerous repairs have been made to both units. These machines have a useful life expected at 10 years.
7.5-Ton HVAC Unit	The HVAC unit that is installed on the roof is a 1998 model requiring Freon each year. New unit will be installed at ground level for ease of maintenance. Expected useful life is 10 years.
4x4 Backhoe with extended bucket	The department operates a John Deere 710 J for excavation and loading for the concrete crew and various other projects. Current model is a 2009. Expected useful life is 13 -15 years



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Streets

<b>PROJECT TITLE</b>	Salt Brine Equipment Replacement and Storage Building Remodel
<b>PROJECT LOCATION</b>	Sagemont Drive – Street Maintenance Salt Dome and Storage Lot

**DESCRIPTION AND EXISTING CONDITION**

To perform snow and ice control operations, the Street Department operates and maintains a salt brine system, consisting of a salt brine making machine, a repurposed and repaired storage tank capable of storing up to 5,000 gallons, and various pump and plumbing systems. This equipment is housed in a shed that was constructed around the repurposed storage tank. The proposed project will replace the salt brine maker, storage tank and pump system due to these items reaching the end of their useful life and to ease use by staff. The project will modify the building housing the system components by replacing existing overhead doors, plumbing and heating systems and by constructing a new, larger overhead door to ease maintenance of the tank.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The application of salt brine improves the effectiveness of snow and ice control operations, providing safer road conditions for motorists.
<i>HEALTHY</i>	Use of salt brine reduces amount of deicing chemical placed by up to 30%. Less chemical application is better for the environment.
<i>PROSPEROUS</i>	Use of salt brine reduces amount of deicing chemical placed by up to 30%. This helps control the annual cost for the purchase of deicing chemicals.
<i>SUSTAINABLE</i>	Application of salt brine as either a roadway surface pre-treatment or to a pre-wetting of rock salt, has been proven to reduce the amount of deicing chemical placed by up to 30%.
<i>INNOVATIVE</i>	St. Peters was one of the first St. Charles County agencies to utilize salt brine.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	30,000	0	0	0	30,000	30,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	12,500	0	0	0	0	12,500	12,500
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	12,500	30,000	0	0	0	42,500	42,500
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Traffic

<b>PROJECT TITLE</b>	Traffic Signal Capital Improvements
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The project involves the periodic replacement of traffic signal components, such as controllers, vehicle detection hardware, camera systems, network communication equipment, battery backup systems and other related equipment. These replacements are performed based on useful life cycles and technology obsolescence.

The Traffic Department maintains 78 signalized intersections, and over 21 miles of fiber optic cable in conduit, throughout the City of St. Peters. These traffic signals and related components range in age from 30 years to 1 year. The City's traffic signal network is linked to other agency's traffic signal networks through the Gateway Green Light Program (GGL), a cooperative group consisting of St. Charles cities, St. Charles County and Missouri Department of Transportation.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain and update transportation facilities to current performance and design standards.
<i>HEALTHY</i>	Provide multi-modal transportation improvements to better accommodate and encourage pedestrian, bicycle and other modes of travel.
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Improves transportation facilities to reduce travel delay and incorporate more efficient technologies. Provides periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure that integrates all modes of travel and routes.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	150,000	160,000	160,000	175,000	175,000	190,000	860,000	1,010,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	150,000	160,000	160,000	175,000	175,000	190,000	860,000	1,010,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Transportation Trust
<b>DEPARTMENT</b>	Traffic

<b>PROJECT TITLE</b>	LED Street Light Retrofit Program (Unmetered Service)
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The project involves replacement of Ameren and Cuivre Rivers owned high pressure sodium street lights with more energy efficient LED street lights. The new LED street light system will be owned and maintained by the City. This retrofit will save the City approximately \$21.00 per light per month in energy costs. Converting to a LED light system is expected to reduce City staff time required for maintenance of the system resulting in additional savings of approximately \$20.00 per light per month. Utilizing combined energy and maintenance savings, the capital cost for converting to a City owned LED street light system is expected to pay for itself in 8 years.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Provides improved and reliable lighting for all modes of travel.
<i>HEALTHY</i>	Provide multi-modal transportation improvements to better accommodate and encourage pedestrian, bicycle and other modes of travel.
<i>PROSPEROUS</i>	Provide functional, well-maintained transportation infrastructure to support the local and regional economies.
<i>SUSTAINABLE</i>	Improves transportation facilities to reduce travel delay and incorporate more efficient technologies. Provides periodic reinvestment in existing infrastructure to reduce future maintenance costs.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Provide functional, well-maintained transportation infrastructure that integrates all modes of travel and routes.
<i>COMMUNITY</i>	Create a "Sense of Place" that uniquely identifies and promotes pride in St. Peters.
<i>Implications of deferring the project</i>	Leads to less functional and less cost effective transportation systems.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	140,000	140,000	140,000	140,000	140,000	700,000	700,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	140,000	140,000	140,000	140,000	140,000	700,000	700,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

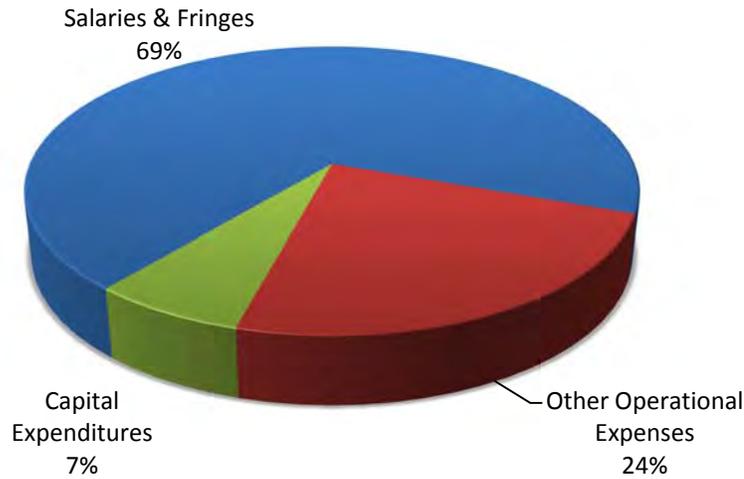


CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN

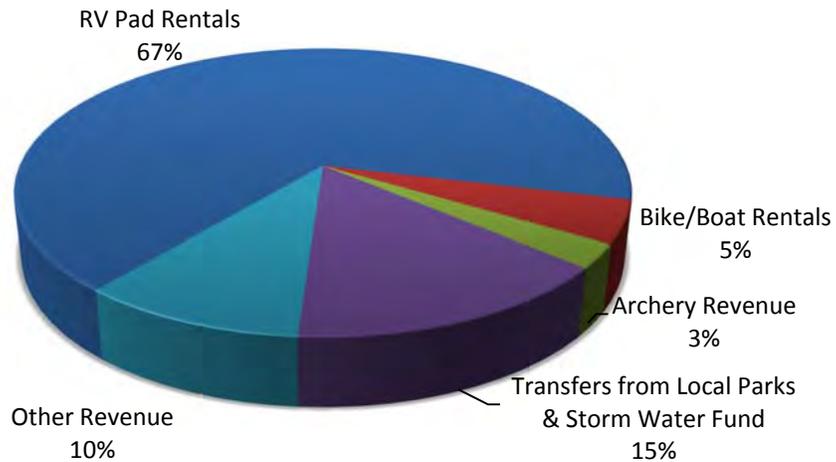
**370 LAKESIDE PARK FUND – CAPITAL PROJECT SUMMARY**

The 370 Lakeside Park Fund is the City’s enterprise fund that is made up of the revenues and expenses from 370 Lakeside Park, which contains an RV campground, archery range, dog park, corporate pavilion, fishing and boating activities, hiking/biking trail, and sprayground. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the cost of providing goods or services to the general public on a continuing basis is to be financed or recovered primarily through user charges.

**Funded - \$4,902,315**



**Funding Sources - \$4,902,315**



<b>370 LAKESIDE PARK PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Vehicles	0	32,000	88,000	0	0	120,000
Rolling Stock	0	0	38,000	25,000	25,000	88,000
<b>Subtotal: Vehicles and Rolling Stock</b>	<b>0</b>	<b>32,000</b>	<b>126,000</b>	<b>25,000</b>	<b>25,000</b>	<b>208,000</b>
Dock for Rental Boats	0	0	0	40,000	0	40,000
Rental Building by Lakeside Pavilion and a Parking Lot Expansion	0	0	0	75,000	0	75,000
Miscellaneous Items Under \$50,000	15,000	0	0	0	0	15,000
<b>Subtotal: Capital Improvement Projects</b>	<b>15,000</b>	<b>0</b>	<b>0</b>	<b>115,000</b>	<b>0</b>	<b>130,000</b>
<b>TOTAL 370 LAKESIDE PARK PROJECTS</b>	<b>\$15,000</b>	<b>\$32,000</b>	<b>\$126,000</b>	<b>\$140,000</b>	<b>\$25,000</b>	<b>\$338,000</b>

**Project Funding - 370 Lakeside Park Fund**

Projected Fund Activity

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Fund Balance</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfer From Local Parks and Storm Water Fund	0	0	62,940	143,675	113,885	196,785	200,485	74,085
Add: Revenues	<u>0</u>	<u>0</u>	<u>753,100</u>	<u>763,600</u>	<u>799,000</u>	<u>834,400</u>	<u>869,700</u>	<u>906,700</u>
<b>Funds Available</b>	<u>0</u>	<u>0</u>	<u>816,040</u>	<u>907,275</u>	<u>912,885</u>	<u>1,031,185</u>	<u>1,070,185</u>	<u>980,785</u>
Less: Expenditures	0	0	816,040	907,275	912,885	1,031,185	1,070,185	980,785
Transfer To(From) Reserves	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Expenses Before Transfers To Other Funds</b>	<u>0</u>	<u>0</u>	<u>816,040</u>	<u>907,275</u>	<u>912,885</u>	<u>1,031,185</u>	<u>1,070,185</u>	<u>980,785</u>
Transfer to Post Retirement Benefits Fund/Trust	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Ending Fund Balance</b>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	370 Lakeside Park
<b>DEPARTMENT</b>	370 Lakeside Park

<b>PROJECT TITLE</b>	Lakeside Department Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	370 Lakeside Park

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's 370 Lakeside Park Department. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs and down time. Reduced productivity while vehicles are being repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	32,000	88,000	0	0	120,000	120,000
<b>TOTAL</b>	0	0	32,000	88,000	0	0	120,000	120,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**370 Lakeside Park Department Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
729	Lakeside 1-Ton	10	0	0	0	88,000	0	0
895	Ford SUV (Lakeside CSO)	9	0	0	32,000	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>32,000</b>	<b>88,000</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	370 Lakeside Park
<b>DEPARTMENT</b>	370 Lakeside Park

<b>PROJECT TITLE</b>	370 Lakeside Park Department Rolling Stock and Equipment Replacement and Additions
<b>PROJECT LOCATION</b>	370 Lakeside Park

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of rolling stock and equipment used by the City's 370 Lakeside Park Department. The project is intended to establish a replacement cycle that matches the life cycle of the asset.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for equipment ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the equipment needed to perform City functions.
<i>SUSTAINABLE</i>	The replacement plan for equipment assists in having the most efficient equipment possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	38,000	25,000	25,000	88,000	88,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	38,000	25,000	25,000	88,000	88,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**370 Lakeside Park Department Rolling Stock & Equipment Replacement Schedule:**

Description	Expected Life (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Kubota RTV	10	0	0	0	18,000	0	0
New 72" ZTR Mower	7	0	0	0	0	25,000	0
Kubota RTV 900	10	0	0	0	20,000	0	0
Ferris ZTR Mower (LS)	5	0	0	0	0	0	25,000
	<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,000</b>	<b>25,000</b>	<b>25,000</b>

**370 Lakeside Park Department Rolling Stock & Equipment Existing Condition:**

Description	Existing Condition
Kubota RTV	Kubota will have reached its useful service life.
Kubota RTV 900	Existing machine will be 10 years old and at the end of its service life. This utility vehicle is used primarily to transport staff, tools, and materials inside the park.
New 72" ZTR Mower	Adding a second 72" diesel ZTR mower to be used at 370 Lakeside Park. By FY22, plans are to add up to 50 additional RV Campsites and numerous other amenities throughout the 300 acre park. A second mower will be needed to complete the mowing schedule once the developed are of the park is expanded.
Ferris ZTR Mower (LS)	This mower is used to mow turf areas at 370 Lakeside Park. It will be five years old in FY23 and past the end of its useful service life.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	370 Lakeside Park
<b>DEPARTMENT</b>	370 Lakeside Park

<b>PROJECT TITLE</b>	Dock for Rental Boats
<b>PROJECT LOCATION</b>	370 Lakeside Park

**DESCRIPTION AND EXISTING CONDITION**

The rental boats at Lakeside need appropriate dock space to be tied off to. If our boats were properly tied in individual slips they would be less beat up, last longer, be more attractive (the boat and the dock), and above all – be safer to get in and out of. Currently the boats are stored in two locations and additional boats will necessitate even one more storage location.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Provides a safer means of entering and exiting boats.
<i>HEALTHY</i>	Makes this healthy activity available to a greater number of people.
<i>PROSPEROUS</i>	Increase boat rental appeal which could increase revenue.
<i>SUSTAINABLE</i>	Dramatically increases the life of the boats. Make rental experience more pleasant and people more likely to return.
<i>INNOVATIVE</i>	An extremely advanced/improved method over current process.
<i>CONNECTED</i>	Allows rental boats to be in one location instead of scattered.
<i>COMMUNITY</i>	Much more attractive and safer than current system. The appeal will encourage the community to participate in this activity.
<i>Implications of deferring the project</i>	Potential risk of injury. Damage to existing fleet of boats. Unrealized potential revenue. Continued visual distraction (unattractive/disorganized).

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	40,000	0	0	40,000	40,000
Tennis, Playground Equipment, Pool	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	40,000	0	0	40,000	40,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	370 Lakeside Park
<b>DEPARTMENT</b>	370 Lakeside Park

<b>PROJECT TITLE</b>	Rental Building by Lakeside Pavilion and a Parking Lot Expansion
<b>PROJECT LOCATION</b>	370 Lakeside Park

**DESCRIPTION AND EXISTING CONDITION**

We are in need of a climate controlled room near the Corporate Pavilion at Lakeside (\$50,000.00). The room would be rentable space that could serve as festival headquarters, a meeting area, a bride's room, or many other uses. It would be a movable building like the RV check-in. This project would include expanding the asphalt parking lot and some site improvements (\$25,000.00).

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Provide shelter in extreme temperature situations and minor weather events. Provide safe headquarters for festivals counting money. Improve safety of parking area.
<i>HEALTHY</i>	Allows persons who could not be outside for extended time periods a healthy environment to escape to when participating in an event at Lakeside Park.
<i>PROSPEROUS</i>	Improvement to the Corporate Pavilion at Lakeside Park that will allow more events to be held in the area, thereby increasing revenue.
<i>SUSTAINABLE</i>	Improve visual appeal and amenities.
<i>INNOVATIVE</i>	Provides a service and opportunity not readily available in most corporate pavilion rental situations.
<i>CONNECTED</i>	Allows more people to take advantage of Lakeside Park. Increases the community's opportunities to spend time at a City Park. Provides additional meeting space.
<i>COMMUNITY</i>	Increases the functionality of Corporate Pavilion. Provides much needed headquarters for events in Lakeside Park.
<i>Implications of deferring the project</i>	Unrealized revenue potential.

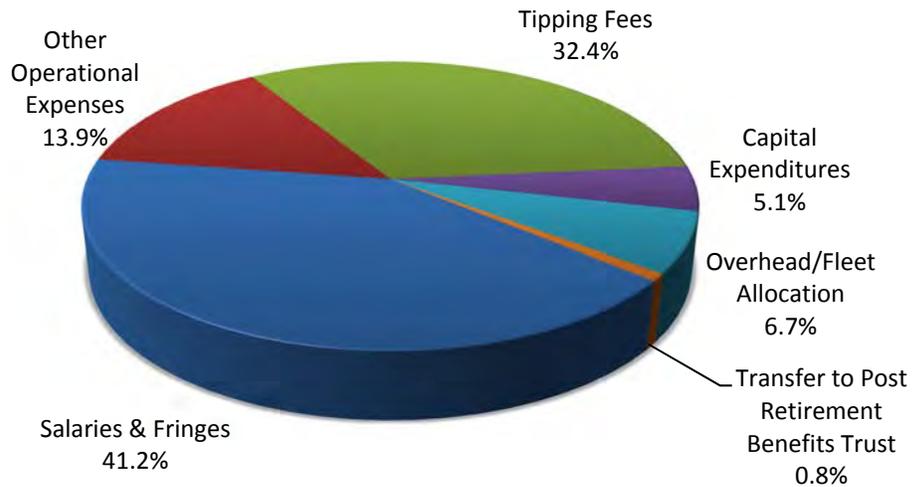
<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	25,000	0	0	25,000	25,000
Building & Improvements	0	0	0	50,000	0	0	50,000	50,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Tennis, Playground Equipment, Pool	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	75,000	0	0	75,000	75,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



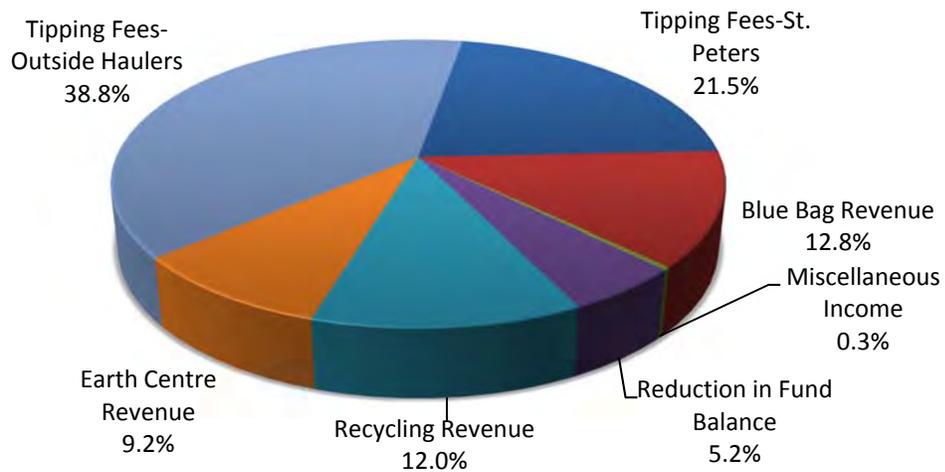
### CENTRAL MATERIALS PROCESSING FACILITY FUND – CAPITAL PROJECT SUMMARY

The Central Materials Processing Facility (CMPF) Fund is the City’s enterprise fund that accounts for recycling activities and the City’s operation as a transfer station for solid waste. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the cost of providing goods or services to the general public on a continuing basis is to be financed or recovered primarily through user charges.

#### Funded - \$26,119,655



#### Funding Sources - \$26,119,655



<b>CMPF FUND PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19– FY23 Total</b>
Vehicles	100,000	0	0	175,000	0	275,000
Rolling Stock and Equipment	400,000	269,000	0	0	240,000	909,000
Miscellaneous Items Under \$50,000	0	35,000	35,000	35,000	35,000	140,000
<b>Subtotal: CMPF Fund Projects</b>	<b>500,000</b>	<b>304,000</b>	<b>35,000</b>	<b>210,000</b>	<b>275,000</b>	<b>1,324,000</b>
<b>TOTAL CMPF FUND PROJECTS</b>	<b>\$500,000</b>	<b>\$304,000</b>	<b>\$35,000</b>	<b>\$210,000</b>	<b>\$275,000</b>	<b>\$1,324,000</b>

**Project Funding - Central Materials Processing Facility Fund**

**Projected Fund Activity**

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Fund Balance</b>	\$441,646	\$598,290	\$1,359,111	\$1,555,921	\$1,086,506	\$844,021	\$818,436	\$563,351
Add: Revenues	4,299,018	4,887,356	4,662,900	4,758,400	4,869,700	4,953,600	5,039,800	5,128,300
<b>Funds Available</b>	<u><b>4,740,664</b></u>	<u><b>5,485,646</b></u>	<u><b>6,022,011</b></u>	<u><b>6,314,321</b></u>	<u><b>5,956,206</b></u>	<u><b>5,797,621</b></u>	<u><b>5,858,236</b></u>	<u><b>5,691,651</b></u>
Less: Expenditures	3,782,874	3,757,635	4,113,090	4,839,015	4,721,385	4,586,285	4,899,785	5,108,185
<b>Total Expenses Before Transfers To Other Funds</b>	<u><b>3,782,874</b></u>	<u><b>3,757,635</b></u>	<u><b>4,113,090</b></u>	<u><b>4,839,015</b></u>	<u><b>4,721,385</b></u>	<u><b>4,586,285</b></u>	<u><b>4,899,785</b></u>	<u><b>5,108,185</b></u>
Overhead/Fleet Allocation	320,100	333,800	316,100	350,000	350,000	350,000	350,000	350,000
Transfer to Post Retirement Benefits Fund/Trust	<u>39,400</u>	<u>35,100</u>	<u>36,900</u>	<u>38,800</u>	<u>40,800</u>	<u>42,900</u>	<u>45,100</u>	<u>47,400</u>
<b>Ending Fund Balance</b>	<u><b>\$598,290</b></u>	<u><b>\$1,359,111</b></u>	<u><b>\$1,555,921</b></u>	<u><b>\$1,086,506</b></u>	<u><b>\$844,021</b></u>	<u><b>\$818,436</b></u>	<u><b>\$563,351</b></u>	<u><b>\$186,066</b></u>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Central Materials Processing Facility
<b>DEPARTMENT</b>	CMPF

<b>PROJECT TITLE</b>	CMPF Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	CMPF

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicle #969, which is a 2-Ton Roll-Off Truck used by the City’s CMPF Department that will reach the end of its 15-year life cycle in 2018/19. The roll off truck is used daily at Recycle City and as needed for the roll off rental program for HES Operations. As it leaves City property, this vehicle needs to meet all MOT regulations. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	100,000	0	0	175,000	0	275,000	275,000
<b>TOTAL</b>	0	100,000	0	0	175,000	0	275,000	275,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**CMPF Fund Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
969	2-Ton Roll-Off	15	0	0	0	0	175,000	0
972	2-Ton Yard Dog	15	0	100,000	0	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>175,000</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Central Materials Processing Facility
<b>DEPARTMENT</b>	CMPF

<b>PROJECT TITLE</b>	CMPF Rolling Stock and Equipment Replacement and Additions
<b>PROJECT LOCATION</b>	Recycle City

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of rolling stock and equipment used by the City's CMPF Department. The project is intended to establish a replacement cycle that matches the life cycle of the asset.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for equipment ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the equipment needed to perform City functions.
<i>SUSTAINABLE</i>	The replacement plan for equipment assists in having the most efficient equipment possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	63,000	400,000	269,000	0	0	240,000	909,000	972,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	63,000	400,000	269,000	0	0	240,000	909,000	972,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**CMPF Rolling Stock & Equipment Replacement Schedule:**

Description	Expected Life	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Front Wheel John Deere (2008), Caterpillar (2013), Volvo (2016)	10,000 hours	0	0	225,000	0	0	240,000
Bobcat (B)/Forklift (F)	5 years	0	0	44,000 (B)	0	0	0
Conveyor Belt Replacement C-100 & C-106		63,000	0	0	0	0	0
Baler Replacement	15 years	0	400,000	0	0	0	0
	<b>TOTAL</b>	<b>63,000</b>	<b>400,000</b>	<b>269,000</b>	<b>0</b>	<b>0</b>	<b>240,000</b>

**CMPF Rolling Stock & Equipment Existing Condition:**

Description	Existing Condition
John Deere – 2008 Caterpillar – 2013 Volvo - 2016	John Deer Solid Rubber tire to be replaced in FY20. Will keep the Caterpillar (2013) to use during heavy flow and back up. Caterpillar (2013) Solid tire wheeled loader replaced in FY23. The purchase of a new Solid Rubber tire can be delayed by one year to accommodate moving forward the Baler purchase. The Solid Rubber tire replacement schedule will continue on a four year replacement purchasing another unit in FY23.
Bobcat/Forklift	To replace bobcat and/or forklift. This equipment moves materials for baling and sale.
Conveyor Belt Replacement C-100 & C-106	Replace existing belts that will be in excess of 15 years old.
Baler Replacement	Current baler was original to the building (installed in 1997) and will be approaching 20 years when replaced. Average life span for balers used in our conditions (no heat, no air conditioning) is 12-15 years. Due to meticulous daily preventative maintenance, the baler continues to operate. Replacement parts are becoming more difficult to locate and our local repair company has told us that parts are now only available from used balers and that we should only anticipate 5 more years of use on the existing baler. We are requesting to move the replacement of the Baler to FY19 due to increased repairs and difficulty in obtaining parts.

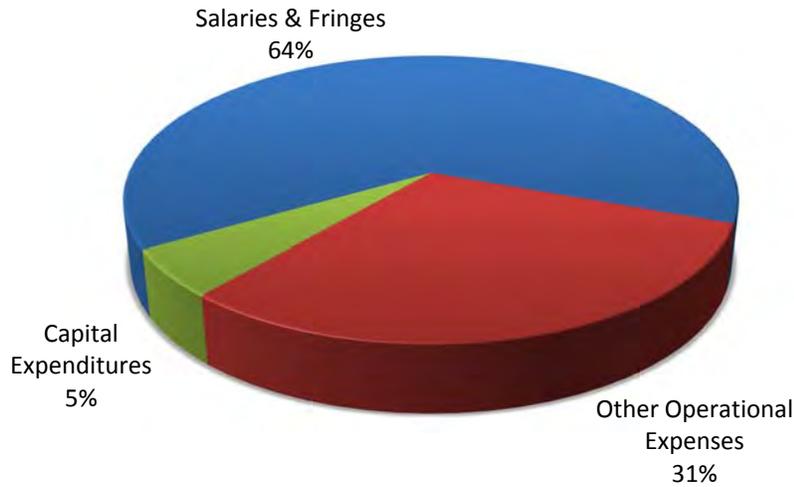


CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN

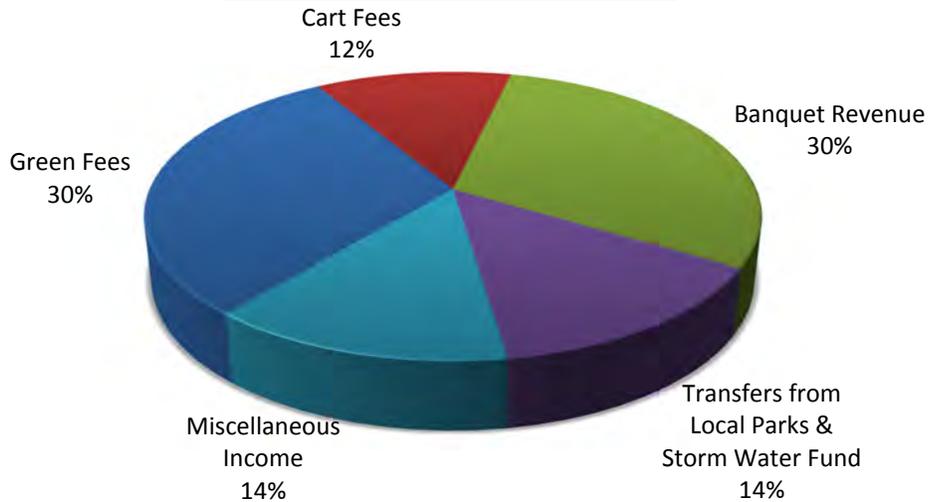
**GOLF & BANQUET CENTER FUND – CAPITAL PROJECT SUMMARY**

The Golf & Banquet Center Fund is the City’s enterprise fund that is made up of the municipal golf course and banquet center. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the cost of providing goods or services to the general public on a continuing basis is to be financed or recovered primarily through user charges.

**Funded - \$8,081,875**



**Funding Sources - \$8,081,875**



<b>GOLF &amp; BANQUET CENTER FUND PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Vehicles	104,000	0	0	0	25,000	129,000
Rolling Stock	70,000	0	47,000	0	185,000	302,000
<b>Subtotal: Vehicles and Rolling Stock</b>	<b>174,000</b>	<b>0</b>	<b>47,000</b>	<b>0</b>	<b>210,000</b>	<b>431,000</b>
Miscellaneous Items Under \$50,000	0	0	0	0	0	0
<b>Subtotal: Other</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL GOLF &amp; BANQUET CENTER FUND PROJECTS</b>	<b>\$174,000</b>	<b>\$0</b>	<b>\$47,000</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$431,000</b>

**Project Funding - Golf & Banquet Center Fund**

**Projected Fund Activity**

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Fund Balance</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transfer From Local Parks and Storm Water Fund	0	0	397,240	604,390	197,450	66,100	24,650	242,850
Add: Revenues	0	0	<u>775,700</u>	<u>919,485</u>	<u>1,319,700</u>	<u>1,535,450</u>	<u>1,569,700</u>	<u>1,602,100</u>
<b>Funds Available</b>	<u>0</u>	<u>0</u>	<u>1,172,940</u>	<u>1,523,875</u>	<u>1,517,150</u>	<u>1,601,550</u>	<u>1,594,350</u>	<u>1,844,950</u>
Less: Expenditures	0	0	1,172,940	1,523,875	1,517,150	1,601,550	1,594,350	1,844,950
Transfer To(From) Reserves	0	0	0	0	0	0	0	0
<b>Total Expenses Before Transfers To Other Funds</b>	<u>0</u>	<u>0</u>	<u>1,172,940</u>	<u>1,523,875</u>	<u>1,517,150</u>	<u>1,601,550</u>	<u>1,594,350</u>	<u>1,844,950</u>
Transfer to Post Retirement Benefits Fund/Trust	0	0	0	0	0	0	0	0
<b>Ending Fund Balance</b>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Golf & Banquet Center
<b>DEPARTMENT</b>	Golf Operations

<b>PROJECT TITLE</b>	Golf Course Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the addition of vehicles used by the City's Golf Course. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs and down time. Reduced productivity while vehicles are being repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	104,000	0	0	0	25,000	129,000	129,000
<b>TOTAL</b>	0	104,000	0	0	0	25,000	129,000	129,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Golf Course Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
NEW	1-Ton Dump	10	0	104,000	0	0	0	0
NEW	SUV Clubhouse		0	0	0	0	0	25,000
		<b>TOTAL</b>	<b>0</b>	<b>104,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Golf & Banquet Center
<b>DEPARTMENT</b>	Golf Operations

<b>PROJECT TITLE</b>	Golf Course Rolling Stock and Equipment Replacement and Additions
<b>PROJECT LOCATION</b>	Golf Course

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of rolling stock and equipment used by the City's Golf Course. The project is intended to establish a replacement cycle that matches the life cycle of the asset.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for equipment ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the equipment needed to perform City functions.
<i>SUSTAINABLE</i>	The replacement plan for equipment assists in having the most efficient equipment possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	70,000	0	47,000	0	185,000	302,000	302,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	70,000	0	47,000	0	185,000	302,000	302,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Golf Course Rolling Stock & Equipment Replacement Schedule:**

Description	Expected Life (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Greens Aerator	7	0	40,000	0	0	0	0
Greens Roller (Stand Alone Unit)	7	0	15,000	0	0	0	0
Sandpro	7	0	15,000	0	0	0	0
Riding Greens Mower	5	0	0	0	40,000	0	0
Verticutter Attachment	7	0	0	0	7,000	0	0
Fairway Mower	7	0	0	0	0	0	40,000
Surrounds Mower	7	0	0	0	0	0	30,000
Maintenance Utility Vehicle (4)	7	0	0	0	0	0	30,000
Maintenance Gators (2)	10	0	0	0	0	0	20,000
Turbine Blower	7	0	0	0	0	0	10,000
Self-contained Sprayer	7	0	0	0	0	0	45,000
Walk-behind Landscape Mower (2)	7	0	0	0	0	0	10,000
	<b>TOTAL</b>	<b>0</b>	<b>70,000</b>	<b>0</b>	<b>47,000</b>	<b>0</b>	<b>185,000</b>

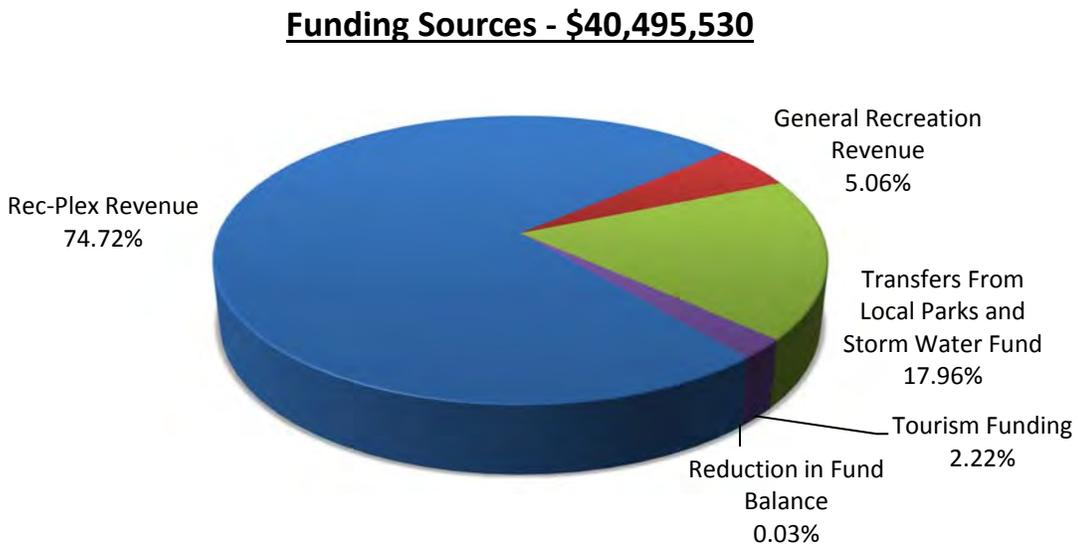
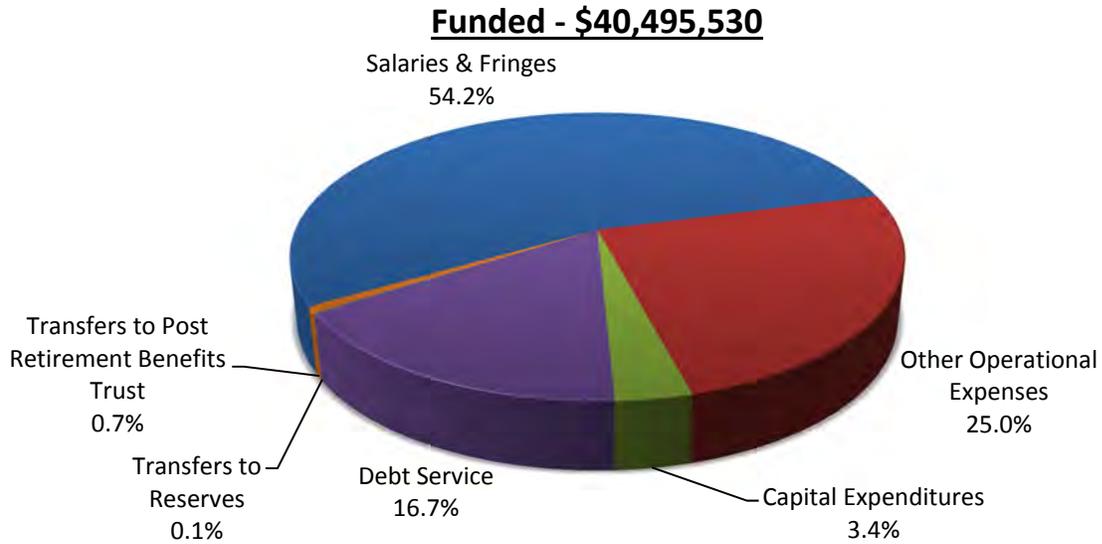
**Golf Course Rolling Stock & Equipment Existing Condition:**

Description	Existing Condition
Greens Aerator	Existing unit is a 2004 used to aerate the Golf Course greens. It is in poor condition and has exceeded its 7 year lifespan.
Greens Roller (Stand Alone Unit)	Currently using a roller attachment on an old 2004 unit to roll the greens at the Golf Course. This would be a stand-alone unit.
Sandpro	Existing unit is a 2005 used to rake bunkers daily at the Golf Course. It is in poor condition and has exceeded its 7 year lifespan.
Riding Greens Mower	Existing unit was purchased in FY16 and will have reached its life expectancy in FY21. This equipment is used daily for precision use on the greens, therefore the lifespan is 5 years. This is the sole piece of equipment with just a 5 year lifespan.
Verticutter Attachment	Currently using an attachment on 2004 Greens Mower that we will get rid of in FY21 with the purchase of new Riding Greens Mower. This will be an attachment for the 2016 Riding Greens Mower, which will handle verti-cutting and also serve as a back-up.
Fairway Mower	Existing unit was purchased in FY16 and will reach its life expectancy in FY23. This unit is solely responsible for cutting all fairways on the golf course.
Surrounds Mower	Existing unit was purchased in FY16 and will reach its life expectancy in FY23. This unit is solely responsible for cutting all tee & green surrounds on the golf course.
Maintenance Utility Vehicles (4)	Existing units were purchased in FY16 and will reach their life expectancy in FY23. These units are responsible for transporting maintenance staff around the golf course, as well as handle light towing and dump bed tasks. These could be included in our golf cart lease every 3 years if desired.
Maintenance Gators (2)	Existing units were purchased in FY09 and will reach their life expectancy in FY19. We inserted into FY23, but we would like to replace earlier to avoid maintenance costs. These units are also responsible for transporting maintenance staff around the golf course, as well as heavy towing and dump bed tasks.
Turbine Blower	Existing unit was purchased in FY16 and will have reached its life expectancy in FY23. This unit is a tow behind blower responsible for large area debris clean up, aeration core handling, leave control, and several other miscellaneous tasks.
Self-contained Sprayer	Existing unit was purchased in FY15 and will have reached its life expectancy in FY22. We inserted into FY23, but would like to replace in FY22 to avoid additional maintenance costs. This unit is solely responsible for chemical application on all 125 acres on the golf course.
Walk-behind Landscape Mowers	1 unit was purchased in FY16 and will have reached its life expectancy in FY23. The other unit is a 2009 and was overhauled in FY16, so we hope it will last until FY23. These units are mainly responsible for mowing around the clubhouse and parking lot areas, but also tighter areas around the golf course as well.



**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
RECREATION FUND – CAPITAL PROJECT SUMMARY**

The Recreation Fund is the City’s enterprise fund that is made up of the Rec-Plex, outdoor pools, Senior Center, and general recreation programs. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the cost of providing goods or services to the general public on a continuing basis is to be financed or recovered primarily through user charges.



<b>RECREATION FUND PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Vehicles	0	136,000	0	0	0	136,000
Subtotal: Vehicles	0	136,000	0	0	0	136,000
Facility Improvements – Rec-Plex	175,000	0	200,000	0	0	375,000
Facility Improvements – Rec-Plex Natatorium	0	535,000	200,000	0	0	735,000
Facility Improvements – Rec-Plex South	0	0	105,000	0	0	105,000
Replace Flooring in Rec-Plex North Ice Rink and Rec-Plex South Rink B	15,000	0	0	0	0	15,000
Subtotal: Rec-Plex Projects	190,000	535,000	505,000	0	0	1,230,000
Miscellaneous Items Under \$50,000	11,500	0	0	0	0	11,500
Subtotal: Other	11,500	0	0	0	0	11,500
<b>TOTAL RECREATION FUND PROJECTS</b>	<b>\$201,500</b>	<b>\$671,000</b>	<b>\$505,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,377,500</b>

## Project Funding - Recreation Fund

### Projected Fund Activity

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Fund Balance</b>	<b>\$372,372</b>	<b>\$106,034</b>	<b>\$79,961</b>	<b>\$29,161</b>	<b>\$19,541</b>	<b>\$20,551</b>	<b>\$24,661</b>	<b>\$11,621</b>
Transfer From General Fund	154,073	183,112	150,000	180,000	180,000	180,000	180,000	180,000
Transfer From Local Parks and Storm Water Fund	400,000	750,000	1,700,000	1,450,000	1,850,000	1,625,000	1,200,000	1,150,000
Add: REC-PLEX Revenue	5,041,584	5,293,426	5,350,500	5,658,450	5,864,200	6,105,400	6,187,150	6,444,900
General Recreation Revenue	325,182	313,026	436,500	403,500	406,600	409,900	413,200	416,500
Golf Course Revenue	789,215	814,509	0	0	0	0	0	0
370 Lakeside Park Revenue	<u>522,414</u>	<u>718,586</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Revenue	6,678,395	7,139,547	5,787,000	6,061,950	6,270,800	6,515,300	6,600,350	6,861,400
<b>Funds Available</b>	<b><u>7,604,840</u></b>	<b><u>8,178,693</u></b>	<b><u>7,716,961</u></b>	<b><u>7,721,111</u></b>	<b><u>8,320,341</u></b>	<b><u>8,340,851</u></b>	<b><u>8,005,011</u></b>	<b><u>8,203,021</u></b>
Less: REC-PLEX Expense	4,648,103	4,966,316	5,596,700	5,588,150	6,162,170	6,154,070	5,811,770	5,980,270
General Recreation Expense	288,440	357,580	685,400	709,320	728,420	748,720	769,420	790,620
Golf Course Expense	868,149	886,862	0	0	0	0	0	0
370 Lakeside Park Expense	349,158	485,677	0	0	0	0	0	0
Debt Service	1,354,808	1,350,897	1,352,000	1,348,000	1,350,500	1,352,000	1,348,000	1,346,500
Transfer To(From) Reserves	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Transfer To(From) Reserves - Golf Course	<u>(43,252)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Uses Of Funds</b>	<b><u>7,470,406</u></b>	<b><u>8,052,332</u></b>	<b><u>7,639,100</u></b>	<b><u>7,650,470</u></b>	<b><u>8,246,090</u></b>	<b><u>8,259,790</u></b>	<b><u>7,934,190</u></b>	<b><u>8,122,390</u></b>
Transfer to Post Retirement Benefits Fund/Trust	<u>28,400</u>	<u>46,400</u>	<u>48,700</u>	<u>51,100</u>	<u>53,700</u>	<u>56,400</u>	<u>59,200</u>	<u>62,200</u>
<b>Ending Fund Balance</b>	<b><u>\$106,034</u></b>	<b><u>\$79,961</u></b>	<b><u>\$29,161</u></b>	<b><u>\$19,541</u></b>	<b><u>\$20,551</u></b>	<b><u>\$24,661</u></b>	<b><u>\$11,621</u></b>	<b><u>\$18,431</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Recreation
<b>DEPARTMENT</b>	Rec-Plex Support

<b>PROJECT TITLE</b>	Recreation Fund Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Recreation departments. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	136,000	0	0	0	136,000	136,000
<b>TOTAL</b>	0	0	136,000	0	0	0	136,000	136,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Recreation Fund Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
804	Rec-Plex Chevy Cobalt	8	0	0	28,000	0	0	0
805	Rec-Plex ¾-Ton	10	0	0	50,000	0	0	0
806	Rec-Plex Building Repair Van	10	0	0	29,000	0	0	0
807	Rec-Plex Building Repair Van	10	0	0	29,000	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>136,000</b>	<b>0</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Recreation
<b>DEPARTMENT</b>	Rec-Plex Support

<b>PROJECT TITLE</b>	Facility Improvements – Rec-Plex
<b>PROJECT LOCATION</b>	Rec-Plex

**DESCRIPTION AND EXISTING CONDITION**

This project involves repair and maintenance of the Rec-Plex.

- 2017/18:** \$110,000 – Repair tuckpointing
- 2018/19:** \$175,000 – Replace flat roof & skylight over steps
- 2020/21:** \$200,000 – Replace ceramic tile flooring

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain City facilities that are safe for employees and customers.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide recreational facilities that are clean, safe, and updated to attract new members as well as retain current members. Maintain City facilities in proper working condition.
<i>SUSTAINABLE</i>	Provide an aesthetically pleasing environment.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Provide City facilities that are clean, safe, and that residents can be proud of.
<i>Implications of deferring the project</i>	Increased cost of maintenance and repair and an outdated appearance of the facility.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	110,000	175,000	0	200,000	0	0	375,000	485,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>110,000</b>	<b>175,000</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>375,000</b>	<b>485,000</b>
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Recreation
<b>DEPARTMENT</b>	Aquatics

<b>PROJECT TITLE</b>	Facility Improvements – Rec-Plex Natatorium
<b>PROJECT LOCATION</b>	Rec-Plex Natatorium

**DESCRIPTION AND EXISTING CONDITION**

This project involves improvements to the Rec-Plex Natatorium to be funded by the Natatorium Foundation.

**2017/18:** \$ 50,000 – Re-plaster Leisure Pool

**2019/20:** \$250,000 – Paint Natatorium

\$285,000 – Re-Plaster 50M Pool

**2020/21:** \$200,000 – Replace sound system with current design

The current sound system is original to the facility and as the 33 large speakers age they require more power from the amplifiers. The amplifiers have been replaced over the years however they are putting out maximum power and it is only a matter of time until the speakers will all fail. The new sound system will have increased installation cost because the original system was installed as the facility was built.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Provide recreational facilities that are clean, safe, updated, and that attract new members as well as retain current members. Maintain City facilities in proper working condition.
<i>SUSTAINABLE</i>	Provide an aesthetically pleasing environment.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Provide City facilities that are clean, safe, and that residents can be proud of.
<i>Implications of deferring the project</i>	Increased cost of maintenance and repair as well as an outdated appearance of the facility. Risk of sound system failing which cannot be easily replaced and has a direct impact on operations and events.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	50,000	0	535,000	200,000	0	0	735,000	785,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	50,000	0	535,000	200,000	0	0	735,000	785,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Recreation
<b>DEPARTMENT</b>	Rec-Plex South

<b>PROJECT TITLE</b>	Facility Improvements – Rec-Plex South
<b>PROJECT LOCATION</b>	Rec-Plex South

**DESCRIPTION AND EXISTING CONDITION**

This project involves repair and maintenance of Rec-Plex South.

**2020/21:** \$75,000 – Rink B slab repair  
 \$30,000 – Locker room dehumidification

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain a safe facility for all users.
<i>HEALTHY</i>	Provide a healthy environment for users.
<i>PROSPEROUS</i>	Maintain City facilities in proper working condition.
<i>SUSTAINABLE</i>	Provide an aesthetically pleasing environment.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Provide a facility that is clean, safe, and that residents can be proud of.
<i>Implications of deferring the project</i>	Increased cost of maintenance and repair.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	105,000	0	0	105,000	105,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	105,000	0	0	105,000	105,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Recreation
<b>DEPARTMENT</b>	Ice Rink/Rec-Plex South

<b>PROJECT TITLE</b>	Replace Flooring in Rec-Plex North Ice Rink and Rec-Plex South Rink B
<b>PROJECT LOCATION</b>	Rec-Plex and Rec-Plex South

**DESCRIPTION AND EXISTING CONDITION**

This project consists of improving the flooring in the North Rink at Rec-Plex and Rink B in Rec-Plex South. The project will be completed in four phases with the first three phases focusing on replacing worn out flooring in the Rec-Plex North Ice Rink with Mondo flooring. The last phase of the project will be to install Mondo flooring to Rink B in Rec-Plex South, which is currently a concrete surface.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Maintain a pleasing and safe environment for Rec-Plex skaters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Maintain City facilities in proper working condition.
<i>SUSTAINABLE</i>	Provide an aesthetically pleasing environment.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	Provide a recreation facility that is clean, safe, and that residents can be proud of.
<i>Implications of deferring the project</i>	Increased cost of repairing skates due to walking on concrete surface.

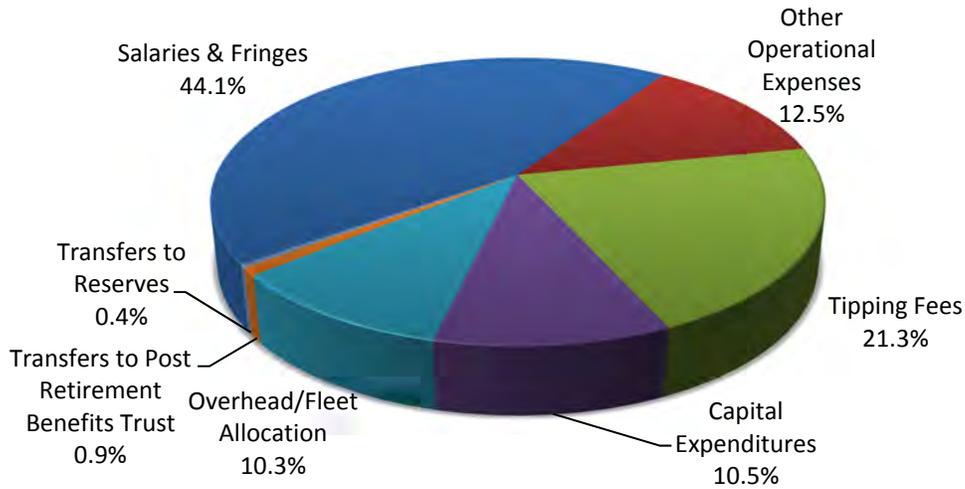
<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	15,000	15,000	0	0	0	0	15,000	30,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	15,000	15,000	0	0	0	0	15,000	30,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



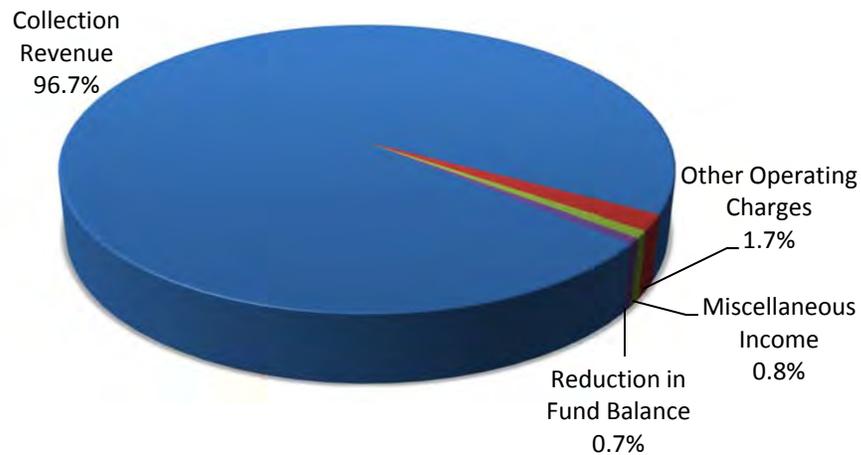
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
SOLID WASTE FUND – CAPITAL PROJECT SUMMARY**

The Solid Waste Fund is the City’s enterprise fund that is used to account for revenues and expenses for solid waste services. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the cost of providing goods or services to the general public on a continuing basis is to be financed or recovered primarily through user charges.

**Funded - \$33,441,200**



**Funding Sources - \$33,441,200**



<b>SOLID WASTE FUND PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Vehicles	566,000	330,000	921,000	383,000	680,000	2,880,000
Containers	104,000	91,000	164,000	60,000	95,000	514,000
Miscellaneous Items Under \$50,000	0	30,000	30,000	30,000	30,000	120,000
Subtotal: Solid Waste Fund Projects	670,000	451,000	1,115,000	473,000	805,000	3,514,000
<b>TOTAL SOLID WASTE FUND PROJECTS</b>	<b>\$670,000</b>	<b>\$451,000</b>	<b>\$1,115,000</b>	<b>\$473,000</b>	<b>\$805,000</b>	<b>\$3,514,000</b>

**Project Funding - Solid Waste Fund**

Projected Fund Activity

	ACTUAL 2015/16	ACTUAL 2016/17	REVISED BUDGET 2017/18	PROPOSED BUDGET 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23
<b>Beginning Fund Balance</b>	<b>\$1,422,386</b>	<b>\$1,889,878</b>	<b>\$1,214,317</b>	<b>\$823,312</b>	<b>\$714,612</b>	<b>\$977,912</b>	<b>\$555,712</b>	<b>\$751,512</b>
Add: Revenues	5,979,946	6,128,413	6,238,100	6,340,900	6,526,600	6,651,600	6,778,800	6,906,400
<b>Funds Available</b>	<b><u>7,402,332</u></b>	<b><u>8,018,291</u></b>	<b><u>7,452,417</u></b>	<b><u>7,164,212</u></b>	<b><u>7,241,212</u></b>	<b><u>7,629,512</u></b>	<b><u>7,334,512</u></b>	<b><u>7,657,912</u></b>
Less: Expenditures	4,816,954	5,535,774	5,733,505	5,581,000	5,517,100	6,324,800	5,831,100	6,316,500
Transfer To(From) Reserves	<u>0</u>	<u>500,000</u>	<u>125,000</u>	<u>125,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Expenses Before Transfers To Other Funds</b>	<b><u>4,816,954</u></b>	<b><u>6,035,774</u></b>	<b><u>5,858,505</u></b>	<b><u>5,706,000</u></b>	<b><u>5,517,100</u></b>	<b><u>6,324,800</u></b>	<b><u>5,831,100</u></b>	<b><u>6,316,500</u></b>
Overhead/Fleet Allocation	651,400	721,300	721,300	691,800	691,800	691,800	691,800	691,800
Transfer to Post Retirement Benefits Fund/Trust	<u>44,100</u>	<u>46,900</u>	<u>49,300</u>	<u>51,800</u>	<u>54,400</u>	<u>57,200</u>	<u>60,100</u>	<u>63,200</u>
<b>Ending Fund Balance</b>	<b><u>\$1,889,878</u></b>	<b><u>\$1,214,317</u></b>	<b><u>\$823,312</u></b>	<b><u>\$714,612</u></b>	<b><u>\$977,912</u></b>	<b><u>\$555,712</u></b>	<b><u>\$751,512</u></b>	<b><u>\$586,412</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Solid Waste
<b>DEPARTMENT</b>	Collections

<b>PROJECT TITLE</b>	Solid Waste Department Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Solid Waste Department. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity. Possible delays of service to residents/customers if trucks are out of the fleet for repairs on a regular basis.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	780,000	566,000	330,000	921,000	383,000	680,000	2,880,000	3,660,000
<b>TOTAL</b>	780,000	566,000	330,000	921,000	383,000	680,000	2,880,000	3,660,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Solid Waste Department Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
906	¾-Ton Truck	8	0	0	0	0	0	0
911	¾-Ton Truck	10	0	0	0	0	53,000	0
916	¾-Ton Truck	10	0	46,000	0	0	0	0
931	1-Ton Truck	10	0	0	0	61,000	0	0
940	Automated Side Loader Trash Truck	8	0	0	0	330,000	0	0
941	Automated Side Loader Trash Truck	8	0	0	330,000	0	0	0
942	Automated Side Loader Trash Truck	8	300,000	0	0	0	0	0
943	Automated Side Loader Trash Truck	8	0	0	0	0	0	0
944	Automated Side Loader Trash Truck	8	0	0	0	0	0	0
947	Automated Side Loader Trash Truck	8	0	0	0	0	0	0
949	Automated Side Loader Trash Truck	8	0	0	0	0	0	0
960	Automated Side Loader Trash Truck	8	0	0	0	0	0	0
963	Automated Side Loader Trash Truck	8	0	0	0	0	330,000	0
964	Automated Side Loader Trash Truck	8	0	0	0	0	0	330,000
967	Automated Side Loader Trash Truck	8	0	330,000	0	0	0	0
X2	Automated Side Loader Trash Truck	8	0	0	0	0	0	0
NEW	Front Loader Trash Truck	6	0	0	0	0	0	350,000
946	Front Loader Trash Truck	6	0	0	0	320,000	0	0
966	Front Loader Trash Truck	6	280,000	0	0	0	0	0
953	OCC Rear Loader Truck	15	0	0	0	0	0	0
956	OCC Rear Loader Truck	18	0	0	0	210,000	0	0
951	Bulky Trash Truck	10	0	0	0	0	0	0
X7	Bulky Trash Truck	10	0	190,000	0	0	0	0
959	Bulky Trash Truck	8	200,000	0	0	0	0	0
948	Yard Waste Truck	14	0	0	0	0	0	0
952	Yard Waste Truck	14	0	0	0	0	0	0
954	Yard Waste Truck	14	0	0	0	0	0	0
955	Yard Waste Truck	7	0	0	0	0	0	0
957	Yard Waste Truck	14	0	0	0	0	0	0
958	Yard Waste Truck	7	0	0	0	0	0	0
961	Yard Waste Truck	14	0	0	0	0	0	0
970	Yard Waste Truck	7	0	0	0	0	0	0
		<b>TOTAL</b>	<b>780,000</b>	<b>566,000</b>	<b>330,000</b>	<b>921,000</b>	<b>383,000</b>	<b>680,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Solid Waste
<b>DEPARTMENT</b>	Collections

<b>PROJECT TITLE</b>	Solid Waste Containers
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of containers used by the City’s Solid Waste Department. The Solid Waste Department is responsible for solid waste collection and disposal for more than 17,000 single-family homes and 4,000 multi-family residential customers. To ensure the continuous efficient provision of City service, containers must be replaced on a damage basis. In addition, containers must be added as necessary to meet the needs of population growth. The project is intended to establish a replacement cycle that matches the life cycle of the containers.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	Replacing damaged containers preserves a healthy environment.
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	New containers & dumpsters are more aesthetically pleasing.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Repair and replacement cost will continue to increase.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	84,000	104,000	91,000	164,000	60,000	95,000	514,000	598,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>84,000</b>	<b>104,000</b>	<b>91,000</b>	<b>164,000</b>	<b>60,000</b>	<b>95,000</b>	<b>514,000</b>	<b>598,000</b>
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Solid Waste Department Containers Replacement Schedule:**

Description	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Metal and/or Plastic Containers MFL, Commercial	10,000	10,000	10,000	30,000	20,000	20,000
Roll-Off Containers	10,000	10,000	15,000	0	0	10,000
Recycling Containers	0	20,000	0	20,000	0	20,000
60 & 90 Gallon Containers	64,000	64,000	66,000	70,000	40,000	45,000
Yard Waste Containers	0	0	0	44,000	0	0
<b>TOTAL</b>	<b>84,000</b>	<b>104,000</b>	<b>91,000</b>	<b>164,000</b>	<b>60,000</b>	<b>95,000</b>

**Solid Waste Department Containers Existing Condition:**

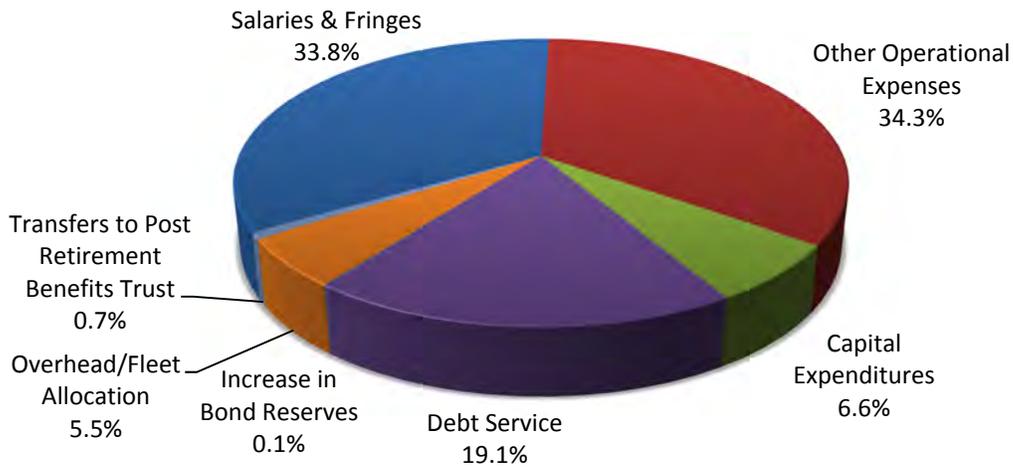
Description	Existing Condition
Metal and/or Plastic Containers MFL, Commercial	Purchase 2, 4, 6, and 8 cubic yard containers for use with multi-family and commercial collection.
Roll-Off Containers	Purchase 20, 30, and 40 cubic yard roll-off containers, including receiver boxes to supplement existing inventory.
Recycling Containers	Purchase containers for efficient collection of cardboard, newspaper, or containers.
60 & 90 Gallon Containers	Purchase 35, 60, and 90 gallon size trash containers for warranty and non-warranty replacements and new housing accounts.
Yard Waste Containers	Purchase 100 gallon vented yard waste containers for automated yard waste collection.



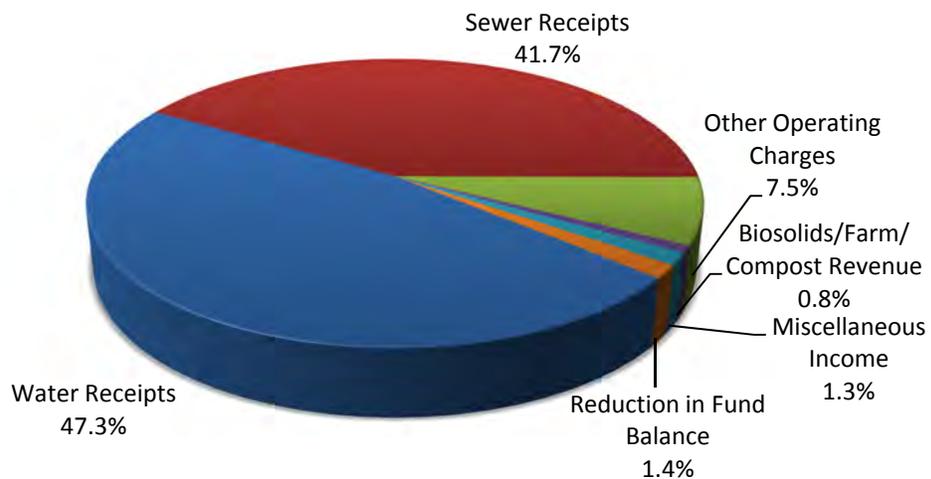
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
WATER/SEWER FUND – CAPITAL PROJECT SUMMARY**

The Water/Sewer Fund is the City’s enterprise fund that is used to account for revenues and expenses for water and sewer services. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the cost of providing goods or services to the general public on a continuing basis is to be financed or recovered primarily through user charges.

**Funded - \$68,500,609**



**Funding Sources - \$68,500,609**



<b>WATER/SEWER FUND PROJECTS SUMMARY</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY19 – FY23 Total</b>
Vehicles	185,000	414,000	108,000	325,000	91,000	1,123,000
Rolling Stock and Equipment	240,000	170,000	350,000	90,000	550,000	1,400,000
Water Meter Replacement Program	400,000	400,000	400,000	400,000	400,000	2,000,000
<b>Subtotal: Water/Sewer Capital</b>	<b>825,000</b>	<b>984,000</b>	<b>858,000</b>	<b>815,000</b>	<b>1,041,000</b>	<b>4,523,000</b>
Sanitary Sewer Rehabilitation or Replacement	400,000	475,000	600,000	625,000	625,000	2,725,000
Other Water/Sewer Utility System Maintenance	638,250	636,500	647,500	636,500	647,500	3,206,250
<b>Subtotal: Water/Sewer Major Maintenance</b>	<b>1,038,250</b>	<b>1,111,500</b>	<b>1,247,500</b>	<b>1,261,500</b>	<b>1,272,500</b>	<b>5,931,250</b>
<b>TOTAL WATER/SEWER FUND PROJECTS</b>	<b>\$1,863,250</b>	<b>\$2,095,500</b>	<b>\$2,105,500</b>	<b>\$2,076,500</b>	<b>\$2,313,500</b>	<b>\$10,454,250</b>

## Project Funding - Water/Sewer Fund

### Projected Fund Activity

		8.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
	ACTUAL	ACTUAL	REVISED	PROPOSED	Projected	Projected	Projected	Projected
	2015/16	2016/17	BUDGET	BUDGET	2019/20	2020/21	2021/22	2022/23
			2017/18	2018/19				
<b>Beginning Contingency Fund</b>	\$1,023,029	\$1,220,046	\$1,826,315	\$1,397,037	\$920,724	\$506,924	\$306,665	\$360,784
Beginning Interest Reserve Fund	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Add: Revenues	<u>11,195,782</u>	<u>12,329,101</u>	<u>12,340,300</u>	<u>12,706,700</u>	<u>13,055,300</u>	<u>13,478,900</u>	<u>13,912,600</u>	<u>14,354,600</u>
<b>Funds Available</b>	<b><u>12,718,811</u></b>	<b><u>14,049,147</u></b>	<b><u>14,666,615</u></b>	<b><u>14,603,737</u></b>	<b><u>14,476,024</u></b>	<b><u>14,485,824</u></b>	<b><u>14,719,265</u></b>	<b><u>15,215,384</u></b>
Less: Operating Expenses	7,242,832	7,756,376	8,441,225	8,926,675	9,034,300	9,354,400	9,559,000	9,766,900
Capital Expenditures	446,555	594,086	939,240	825,000	984,000	858,000	815,000	1,041,000
Increase In Bond Reserves	152,763	27,941	21,063	7,688	7,250	4,109	8,531	4,906
Debt Service	<u>2,346,615</u>	<u>2,493,129</u>	<u>2,544,750</u>	<u>2,586,750</u>	<u>2,602,250</u>	<u>2,616,750</u>	<u>2,625,250</u>	<u>2,642,250</u>
<b>Total Expenses Before Transfers To Other Funds</b>	<b><u>10,188,765</u></b>	<b><u>10,871,532</u></b>	<b><u>11,946,278</u></b>	<b><u>12,346,113</u></b>	<b><u>12,627,800</u></b>	<b><u>12,833,259</u></b>	<b><u>13,007,781</u></b>	<b><u>13,455,056</u></b>
Administration/Fleet Overhead	736,700	773,000	741,000	750,400	750,400	750,400	750,400	750,400
Transfer to Post Retirement Benefits Fund/Trust	73,300	78,300	82,300	86,500	90,900	95,500	100,300	105,400
Ending Interest Reserve Fund	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>
<b>Ending Contingency Fund</b>	<b><u>\$1,220,046</u></b>	<b><u>\$1,826,315</u></b>	<b><u>\$1,397,037</u></b>	<b><u>\$920,724</u></b>	<b><u>\$506,924</u></b>	<b><u>\$306,665</u></b>	<b><u>\$360,784</u></b>	<b><u>\$404,528</u></b>
<b>Test Bond Issue Requirements</b>								
Revenue	11,195,782	12,329,101	12,340,300	12,706,700	13,055,300	13,478,900	13,912,600	14,354,600
Less Grant Revenue	0	0	0	0	0	0	0	0
Less Operating Expenses	(8,052,832)	(8,607,676)	(9,264,525)	(9,763,575)	(9,875,600)	(10,200,300)	(10,409,700)	(10,622,700)
Net Revenue	3,142,950	3,721,425	3,075,775	2,943,125	3,179,700	3,278,600	3,502,900	3,731,900
From Interest Reserve Fund	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Total	3,642,950	4,221,425	3,575,775	3,443,125	3,679,700	3,778,600	4,002,900	4,231,900
NEED 1.0	1.34	1.49	1.21	1.14	1.22	1.25	1.33	1.41
NEED 1.25	1.55	1.69	1.41	1.33	1.41	1.44	1.52	1.60



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Water/Sewer
<b>DEPARTMENT</b>	Water and Sewer

<b>PROJECT TITLE</b>	Water and Sewer Departments Vehicle Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of vehicles used by the City's Water and Sewer Departments. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles.

Replacement schedule shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for vehicles ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the vehicles needed to perform city functions.
<i>SUSTAINABLE</i>	The replacement plan for vehicles assists in having the most fuel efficient fleet possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	The replacement plan allows for the purchase of hybrid vehicles as replacements when that is the most advantageous avenue for replacement.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity. Non-compliance with EPA and MoDNR regulations.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	425,000	185,000	414,000	108,000	325,000	91,000	1,123,000	1,548,000
<b>TOTAL</b>	425,000	185,000	414,000	108,000	325,000	91,000	1,123,000	1,548,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Water and Sewer Departments Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
KG4-X73	SUV	7	0	0	0	0	0	25,000
401	½-Ton	8	0	0	0	0	0	0
403	½-Ton	8	25,000	0	0	0	0	0
409	¾-Ton	8	0	0	0	0	0	0
410	½-Ton	8	0	0	0	27,000	0	0
411	SUV	8	0	0	0	26,000	0	0
412	¾-Ton	8	0	0	0	0	0	0
413	½-Ton	8	0	0	0	0	0	0
414	½-Ton	8	0	0	0	0	0	0
415	¾-Ton	8	0	0	0	0	0	36,000
416	¾-Ton	8	0	0	0	0	0	30,000
417	¾-Ton	8	0	25,000	0	0	0	0
418	¾-Ton	8	0	0	0	0	0	0
419	¾-Ton	10	0	0	50,000	0	0	0
422	1-Ton	10	0	0	0	0	0	0
431	1-Ton	10	0	0	0	0	0	0
432	1-Ton	10	0	0	0	55,000	0	0
433	1-Ton	7	0	0	0	0	0	0
434	1-Ton	10	0	0	0	0	0	0
437	Van -> ½-Ton	8	0	30,000	0	0	0	0
438	1-Ton -> 2-Ton Crane	10	0	0	0	0	0	0
439	1-Ton -> 2-Ton Crane	10	0	130,000	0	0	0	0
441	2-Ton Dump	12	0	0	170,000	0	0	0
445	Vacuum Truck	10	400,000	0	0	0	0	0
450	5-Ton Tandem	15	0	0	194,000	0	0	0
451	Crane Truck	15	0	0	0	0	0	0
NEW	Hydro Excavator	15	0	0	0	0	325,000	0
		<b>TOTAL</b>	<b>425,000</b>	<b>185,000</b>	<b>414,000</b>	<b>108,000</b>	<b>325,000</b>	<b>91,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Water/Sewer
<b>DEPARTMENT</b>	Water and Sewer

<b>PROJECT TITLE</b>	Water and Sewer Departments Rolling Stock and Equipment Replacement and Additions
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of rolling stock and equipment used by the City's Water and Sewer Departments. These departments are responsible for the maintenance of the City's water and sewer infrastructure that includes a 6.0 mgd water plant, over 229 miles of distribution system, a 9.5 mgd wastewater treatment plant, and over 217 miles of collection system. In addition, the departments are responsible for the construction of new water mains. The project is intended to establish a replacement cycle that matches the life cycle of the asset to provide continuous efficient service and reduce maintenance costs and down time.

Replacement schedule and existing condition details shown on next page.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The replacement plan for equipment ensures that reliable equipment will be available to respond in case of emergencies or natural disasters.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	The replacement plan is structured so that the City realizes the lowest total cost of ownership for the equipment needed to perform City functions.
<i>SUSTAINABLE</i>	The replacement plan for equipment assists in having the most efficient equipment possible while maintaining a balanced operating budget.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Increased maintenance costs, down time and reduced productivity. Non-compliance with EPA and MoDNR regulations.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	137,740	240,000	170,000	350,000	90,000	550,000	1,400,000	1,537,740
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>137,740</b>	<b>240,000</b>	<b>170,000</b>	<b>350,000</b>	<b>90,000</b>	<b>550,000</b>	<b>1,400,000</b>	<b>1,537,740</b>
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Water and Sewer Departments Rolling Stock & Equipment Replacement Schedule:**

Description	Expected Life (in years)	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Mini Excavator	10	0	0	0	60,000	0	0
Small Excavator	10	0	95,000	0	0	0	0
Rubber-Tired Loader	7	0	0	0	240,000	0	0
Tub Grinder	7	0	0	0	0	0	500,000
Spreader	10	110,000	0	0	0	0	0
Compost Mixer	12	0	0	120,000	0	0	0
Topsoil Screener		0	60,000	0	0	0	0
Trailer Replacement		0	16,000	0	0	0	0
S185 Skid Steer		0	0	0	0	40,000	0
Miscellaneous Items Under \$50,000		27,740	69,000	50,000	50,000	50,000	50,000
	<b>TOTAL</b>	<b>137,740</b>	<b>240,000</b>	<b>170,000</b>	<b>350,000</b>	<b>90,000</b>	<b>550,000</b>

**Water and Sewer Departments Rolling Stock & Equipment Existing Condition:**

Description	Existing Condition
Mini Excavator	Replacement of 2010 Bobcat E50 Excavator. This versatile piece of equipment is used for both water main relocation projects and water main and service line repairs.
Small Excavator	This will be a replacement of the 2009 Komatsu small excavator. This versatile piece of equipment is used for both water main construction projects and water main and service line repairs.
Rubber-Tired Loader	Replace existing 2006 Earth Centre loader in normal replacement cycle near 12,000 hours of running time. This loader is used to handle materials at the Earth Centre.
Tub Grinder	Replace existing 2015 tub grinder to process 50,000 cubic yards of yard waste annually.
Spreader	This will replace 2006 spreader, which is used to spread MSD Biosolids, City's grass, and cake lime.
Compost Mixer	Replace 2007 mixer. Used to mix yard waste and biosolids at Earth Centre.
Topsoil Screener	<p>The City uses 560-1,300-cy of screened soil per year. This soil is both sold at the Earth Centre and used by City Departments. The majority of the soil is used by City Departments. The cost to purchase this screen soil is \$19,600- \$45,500. Therefore, it has been economical for City to screen this soil.</p> <p>The Earth Centre screener has been traditionally used to screen topsoil. When the screener was replaced the optional soil screener deck was not purchased to keep the screener within budget. Since that time the old trommel screener has been used to screen this soil. However, this screener was replaced since it had outlived its life expectancy and continues to need repairs.</p> <p>It is proposed to either purchase a separate topsoil screener or purchase the optional soil screener deck for the new screener at the Earth Centre. The current value of the trommel screener is approximately \$50,000. Therefore, the net cost of new screening equipment is approximately \$10,000.</p>
Trailer Replacement	Replace 1988 old dredge trailer, which was converted 5-yrs ago to haul equipment.
S185 Skid Steer	Replace 2011 Skid steer at Earth Centre used for loading customers and site cleanup.
Miscellaneous Items Under \$50,000	To account for capital under \$50,000 that will be needed during the year.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Water/Sewer
<b>DEPARTMENT</b>	Water and Sewer

<b>PROJECT TITLE</b>	Water Meter Replacement Program
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of existing, deficient, or functionally obsolete water meters with new water meters that have automated meter reading (AMR) technology. AMR meters allow the meter readers to walk by or drive by the meters and automatically record data into a data logging device using a radio device. The new meters provide accurate readings as well as reduce the time involved in the meter reading and recording functions.

This project represents the continuation of a program initiated by the City in 1993 for scheduling meter replacements on a 15-year cycle. Many of the City's water meters are obsolete and no longer provide accurate readings. The replacement program resolves the problem associated with the old meters while improving City operations through state-of-the-art technologies. This funding schedule will allow a 10-15 year life cycle and all water meters in the City to be radio read by 2022.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Reduction in water loss and automated meter reading.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Not achieving our goal to be radio read by 2022.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	325,000	400,000	400,000	400,000	400,000	400,000	2,000,000	2,325,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	325,000	400,000	400,000	400,000	400,000	400,000	2,000,000	2,325,000
<b>Maint. &amp; Oper. Costs</b>	0	0	0	0	0	0	0	0
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Water/Sewer
<b>DEPARTMENT</b>	Sewer

<b>PROJECT TITLE</b>	Sanitary Sewer Rehabilitation or Replacement – Major Maintenance
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

The City maintains approximately 217 miles of sanitary sewers that range in size from 8 to 42 inches in diameter and 5,000 manholes. Due to age or poor construction, numerous sewers and manholes located throughout the City must be rehabilitated or replaced.

A significant source of water infiltration and inflow occurs as a result of deteriorated or poorly constructed portions of the sewerage collection system. Infiltration and inflow adds excessive loads to and reduces efficiency of the wastewater treatment plant. In addition, deteriorated joints and root intrusion contribute to collection system problems that result in basement backups and sanitary sewer overflows.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Sanitary sewer creek crossing inspections, CIPP damaged sewer lines, easement clearing program, and enhance FOG program.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Improve preventative maintenance program and eliminate contract root cutting and flushing.
<i>SUSTAINABLE</i>	Reduction of Inflow and Infiltration.
<i>INNOVATIVE</i>	Complete CCTV inspection plan by placing into zones and schedule.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Excessive Inflow and Infiltration and deteriorated joints and root intrusions which will increase the number of basement backups and sanitary sewer overflows.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	275,000	400,000	475,000	600,000	625,000	625,000	2,725,000	3,000,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2017/18 – 2022/23**

<b>FUND</b>	Water/Sewer
<b>DEPARTMENT</b>	Water and Sewer

<b>PROJECT TITLE</b>	Other Water/Sewer Utility System Repair and Maintenance
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

Maintenance for the remaining combined system includes maintenance for areas of system, such as mains, lines, hydrants, valves, and sewer plant process equipment.

These items consist of normal repairs and maintenance to our system used in the operation of the combined water and sewer system, which are evaluated annually and budgeted accordingly.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Reliable primary power to facilities; upgrade WTP & WWTP security; valve exercising, ARV inspection, easement clearing, and flushing programs; provide adequate fire protection; enhance sampling points.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Reduction in water loss.
<i>INNOVATIVE</i>	Treatment technologies to adapt to future regulations.
<i>CONNECTED</i>	Stay within NPDES Permit limits.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Without an adequate maintenance program there will be increase in the number of breaks, leaks, and power failures.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>FY 19 – FY 23 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	0	0	0	0	0	0	0
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	0	0	0
<b>Maint. &amp; Oper. Costs</b>	475,000	638,250	636,500	647,500	636,500	647,500	3,206,250	3,681,250
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Other Water/Sewer Utility System Repair and Maintenance Categories:**

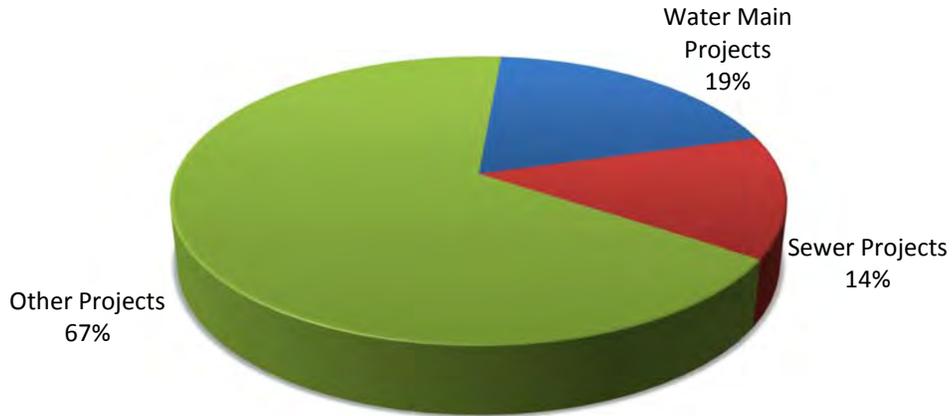
Description	Current Year	2018/19	2019/20	2020/21	2021/22	2022/23
Water mains and service lines	112,000	112,000	112,000	112,000	112,000	112,000
Fire hydrants and valves	115,000	115,000	115,000	115,000	115,000	115,000
Booster pump stations	2,500	2,500	2,500	2,500	2,500	2,500
WTP process equipment	25,000	25,000	25,000	25,000	25,000	25,000
Water supply wells	40,000	40,000	40,000	40,000	40,000	40,000
Misc. yard repairs and restoration	4,000	4,000	4,000	4,000	4,000	4,000
Blow off & ARV valves	15,000	15,000	15,000	15,000	15,000	15,000
Insta-valves	20,000	20,000	20,000	20,000	20,000	20,000
Water sampling stations	9,000	0	0	0	0	0
Garrettcom switches (50/50 with Sewer)	12,500	0	0	0	0	0
PLC upgrades	0	25,000	25,000	25,000	25,000	25,000
Replace meter pits	0	37,000	37,000	37,000	37,000	37,000
Radio upgrades	0	5,000	5,000	5,000	5,000	5,000
Pipe gallery painting	0	20,000	0	0	0	0
Clarifier No. 3 motor and gear reducer	0	7,500	0	0	0	0
Rebuild Cave Springs valve vault	0	15,000	0	0	0	0
Replace Hermitage and Enwood altitude valves	0	11,000	0	0	0	0
VFD for one high service pump	0	7,000	0	0	0	0
Curtis compressors – Water Plant	0	15,000	0	0	0	0
Clean ground storage tank at Water Plant	0	5,000	0	5,000	0	5,000
Forklift aerial platform (50/50 with Sewer)	0	375	0	0	0	0
Miscellaneous Water equipment replacements/upgrades	0	0	80,000	80,000	80,000	80,000
<b>Subtotal Water Utility System R&amp;M</b>	<b>355,000</b>	<b>481,375</b>	<b>480,500</b>	<b>485,500</b>	<b>480,500</b>	<b>485,500</b>
Auger monster exchange	35,000	35,000	35,000	35,000	35,000	35,000
UV bulb replacement and calibration	12,000	12,000	12,000	12,000	12,000	12,000
R&M to lift stations	13,000	13,000	13,000	13,000	13,000	13,000
R&M to WWTP process equipment	30,000	30,000	30,000	30,000	30,000	30,000
R&M to electrical panels and conduit	12,000	12,000	12,000	12,000	12,000	12,000
Misc. concrete repairs	4,000	4,000	4,000	4,000	4,000	4,000
Garrettcom switches (50/50 with Water)	12,500	0	0	0	0	0
PLC touch screens	1,500	0	0	0	0	0
PLC upgrades	0	25,000	25,000	25,000	25,000	25,000
Radio upgrades	0	5,000	5,000	5,000	5,000	5,000
Scum pump replacement (2)	0	12,000	0	0	0	0
Oxidation ditch aerator gearbox oil replacement	0	6,000	0	6,000	0	6,000
Aluminum handrails for syphon structures	0	2,500	0	0	0	0
Forklift aerial platform (50/50 with Water)	0	375	0	0	0	0
Miscellaneous Sewer equipment replacements/upgrades	0	0	20,000	20,000	20,000	20,000
<b>Subtotal Sewer Utility System R&amp;M</b>	<b>120,000</b>	<b>156,875</b>	<b>156,000</b>	<b>162,000</b>	<b>156,000</b>	<b>162,000</b>
<b>TOTAL</b>	<b>475,000</b>	<b>638,250</b>	<b>636,500</b>	<b>647,500</b>	<b>636,500</b>	<b>647,500</b>



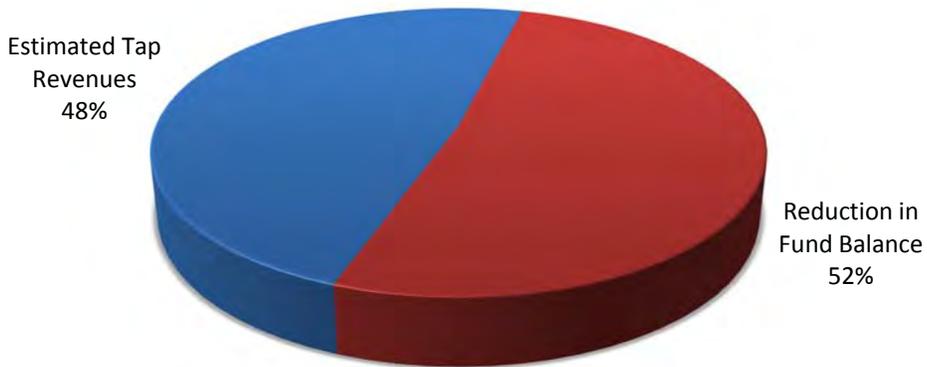
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
UTILITY CONSTRUCTION FUND – CAPITAL PROJECT SUMMARY**

The Utility Construction Fund is used to account for revenues for water/sewer tap-on fees and expenses for water and sewer capital projects.

**Funded - \$2,478,900**



**Funding Sources - \$2,478,900**



# PROJECT FUNDING - UTILITY CONSTRUCTION FUND

## Projected Fund Activity

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
<b>Beginning Fund 750 Balance</b>	<b>1,994,510</b>	<b>1,714,608</b>	<b>1,675,086</b>	<b>382,186</b>	<b>262,186</b>	<b>346,186</b>	<b>536,186</b>
<b>REVENUES</b>							
Estimated Tap Revenues	307,800	300,000	300,000	250,000	250,000	200,000	200,000
Other Revenue	2,003	-	-	-	-	-	-
<b>Total Revenues</b>	<b>309,803</b>	<b>300,000</b>	<b>300,000</b>	<b>250,000</b>	<b>250,000</b>	<b>200,000</b>	<b>200,000</b>
<b>EXPENSES</b>							
<b>WATER MAIN PROJECTS</b>							
Water Main Construction Salary	-	40,000	10,000	25,000	5,000	10,000	-
I-70 Crossing at Dardenne Creek	-	-	150,000	-	-	-	-
Dardenne Creek Directional Bore @ Golf Course	-	-	52,000	-	-	-	-
Willott Road (Willott Sq to Westminster)	-	-	-	-	61,000	-	-
MRMD (S. Church St. to MRMD, Schnucks)	-	15,000	-	-	-	-	-
WTP/WWTP/CMPF 12-inch connection	-	-	-	-	-	-	-
Sugarwood to Bellavista	-	-	-	15,000	-	-	-
Willott Road Bridge Bore	-	40,000	-	-	-	-	-
Missouri American Interconnect	-	-	100,000	-	-	-	-
Cleaning Raw Water Lines	-	-	-	50,000	-	-	-
<b>SUBTOTAL</b>	<b>-</b>	<b>95,000</b>	<b>312,000</b>	<b>90,000</b>	<b>66,000</b>	<b>10,000</b>	<b>-</b>
<b>SEWER PROJECTS</b>							
Lift Station and Manhole Rehab	20,800	88,467	-	-	-	-	-
370 Pump Station No. 1 Pump	-	25,975	-	-	-	-	-
Lobeline Pump (2)	-	37,900	37,900	-	-	-	-
Headworks Automatic Bar Screen	-	-	-	-	-	-	300,000
<b>SUBTOTAL</b>	<b>20,800</b>	<b>152,342</b>	<b>37,900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>
<b>OTHER PROJECTS</b>							
Filter Trough Replacement (West Side)	-	-	30,000	-	-	-	-
Filter Media Replacement (East Side)	-	-	175,000	-	-	-	-
Filter Media Replacement (West Side)	-	-	175,000	-	-	-	-
Cave Springs Booster Pumps	-	-	-	-	-	-	-
Crescent Hills Booster Pumps	-	-	48,000	-	-	-	-
Joint Venture PP1 Pump Replacement	-	-	120,000	-	-	-	-
Brown Road Spare Sewage Pump	26,478	28,000	-	-	-	-	-
Lime Pond(s) Valve Vaults	-	-	-	-	-	-	40,000
WWTP Clarifier Railing/Fencing	-	-	45,000	-	-	-	-
Compost Screener Replacement	542,427	-	-	-	-	-	-
Arrowhead Water Tank Overhaul	-	-	-	280,000	-	-	-
Cave Springs Tank Painting	-	-	100,000	-	-	-	-
Kimberly Tank Painting	-	-	-	-	100,000	-	-
Arc Flash Study	-	-	100,000	-	-	-	-
Water Distribution Model	-	-	150,000	-	-	-	-
Lime Feed System	-	-	300,000	-	-	-	-
Burns & McDonnell Study	-	64,180	-	-	-	-	-
<b>SUBTOTAL</b>	<b>568,905</b>	<b>92,180</b>	<b>1,243,000</b>	<b>280,000</b>	<b>100,000</b>	<b>-</b>	<b>40,000</b>
<b>Total Expenses</b>	<b>589,705</b>	<b>339,522</b>	<b>1,592,900</b>	<b>370,000</b>	<b>166,000</b>	<b>10,000</b>	<b>340,000</b>
<b>ENDING FUND BALANCE</b>	<b>1,714,608</b>	<b>1,675,086</b>	<b>382,186</b>	<b>262,186</b>	<b>346,186</b>	<b>536,186</b>	<b>396,186</b>



**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
UNFUNDED PROJECTS**

<u>Fund</u>	<u>Group</u>	<u>Description</u>	<u>Cost</u>
General	HES	Drive Thru Automated Wash Bay	200,000
General	HES	Large venue laser projector for City Hall Theatre	26,000
General	HES	Audio system for City Hall Theatre	32,500
General	MPS	Automated Police Evidence Room	24,000
General	PGS	Signage for historical sites	50,000
General	SSS	Call Recording Replacement Solution	150,000
Local Parks and Storm Water	PGS	Replace the exterior siding at Sports Center Park	150,000
Local Parks and Storm Water	PGS	Place remote surveillance cameras in parks	50,000
Local Parks and Storm Water	PGS	Precast concrete masonry wall at Old Town Park	154,000
Local Parks and Storm Water	PGS	Tornado Shelters in City Parks	1,500,000
Local Parks and Storm Water	PGS	New Satellite Playground at Woodlands Sports Park	200,000
Local Parks and Storm Water	PGS	Additional Restroom at Woodlands Sports Park	100,000
Local Parks and Storm Water	PGS	Fitness Equipment at Woodlands Sports Park	50,000
Local Parks and Storm Water	PGS	Replace Shade Structures and Bleachers at Woodlands Sports Park	235,000
Local Parks and Storm Water	PGS	City Centre Campus Improvements	200,000
Local Parks and Storm Water	TDS	Storm Water Projects	22,441,474
Transportation Trust Fund	TDS	Mid Rivers Mall Drive Resurfacing III (St. Peters-Howell to Cottleville Pkwy)	2,500,000
Transportation Trust Fund	TDS	I-70 North Outer Road Bridge	1,780,000
Transportation Trust Fund	TDS	Old Towne West Connector (I-70 NOR to Brown Road)	1,490,000
Transportation Trust Fund	TDS	Queensbrooke Extension	2,200,000
Transportation Trust Fund	TDS	Brown Road Resurfacing and Storm Sewer Improvements	855,000
Transportation Trust Fund	TDS	Mexico Road Sidewalk Extension	925,000
Transportation Trust Fund	TDS	Adaptive Traffic Signal Control	350,000
Transportation Trust Fund	TDS	South Outer Road Connector	7,340,000
Transportation Trust Fund	TDS	Cave Springs Interchange	15,000,000
Transportation Trust Fund	TDS	Mid Rivers Mall Drive - Mexico Road Intersection Improvement	1,500,000
Transportation Trust Fund	TDS	Jungermann Road @ McClay Road Right Turn Lane	400,000
Transportation Trust Fund	TDS	McClay Road - Harvester Road Improvements	2,700,000
370 Lakeside Park Fund	PGS	Supply electric to outlets on light poles at 370 Lakeside Park	100,000
370 Lakeside Park Fund	PGS	370 Lakeside Park Amphitheater development	1,500,000
370 Lakeside Park Fund	PGS	Access to Primitive Campsite	250,000
370 Lakeside Park Fund	PGS	Primitive Camping Phase 1	230,000
370 Lakeside Park Fund	PGS	Primitive Camping Phase 2	750,000
370 Lakeside Park Fund	PGS	Outdoor Recreation Area Phase 1 (Fitness Equipment & BB Court)	80,000
370 Lakeside Park Fund	PGS	Outdoor Recreation Area Phase 2 (Miniature Golf)	95,000
370 Lakeside Park Fund	PGS	Restroom and Lift Station on East End of Lakeside Park	380,000
370 Lakeside Park Fund	PGS	Add the Final Phase of RV Sites & Large Comfort Station at Lakeside Park	2,000,000
370 Lakeside Park Fund	PGS	Wi-Fi Improvements	30,000
370 Lakeside Park Fund	PGS	Cabin	50,000
370 Lakeside Park Fund	PGS	Addition of electric to east end of Lakeside Park	70,000
370 Lakeside Park Fund	PGS	Playground at Lakeside Park	250,000
Central Materials Processing Facility Fund	HES	Construct additional tipping floor for non compacted trash providing additional capacity and safety for our customers	600,000
Central Materials Processing Facility Fund	HES	Surveillance cameras (2) for front and side of building	6,200
Golf and Banquet Center Fund	PGS	New Maintenance Facility	800,000
Golf and Banquet Center Fund	PGS	New Entrance Sign	90,000
Golf and Banquet Center Fund	PGS	Bridge Replacements on Holes 11 & 15	120,000
Golf and Banquet Center Fund	PGS	Well for Irrigation Lake	150,000
Golf and Banquet Center Fund	PGS	Fountain for Lake	34,000
Golf and Banquet Center Fund	PGS	Surveillance equipment for Golf Course clubhouse	60,000
Recreation Fund	RCS	Place sound proofing panels on walls in gymnasiums	50,000
Recreation Fund	RCS	Rec-Plex South LED Theater Lighting	70,000
Recreation Fund	RCS	Replace existing front doors due to worn out hinges that are built into door frame	75,000
Recreation Fund	RCS	Replace Olympia ice resurfacers	125,000
Recreation Fund	RCS	Replace strength equipment at Rec-Plex	100,000
Recreation Fund	RCS	20-foot fan to circulate air in the Rec-Plex strength area	15,800
Recreation Fund	RCS	Rec-Plex & Rec-Plex South ice plant replacement or retrofit	1,200,000
Water Sewer	WES	Alluvial Well 15 Replacement	400,000
Water Sewer	WES	WTP Lime Thickener	1,000,000
Water Sewer	WES	Field Crew Locker/Training Room Building	200,000
Water Sewer	WES	Kimberly Booster Pumping Station	250,000
Water Sewer	WES	Walnut Tree Phase II (North and South Branches)	230,000
Water Sewer	WES	Jungs Station to Woodstone Water Main	540,000
Water Sewer	WES	Sliplining of VCP Pipe Various Areas	1,000,000
Water Sewer	WES	Brown Rd Pump Station & Force Main	2,000,000
Water Sewer	WES	Nutrient Removal	2,000,000