



# Capital Improvement Plan



**2019** Fiscal Years: 2018/19 - 2023/24

May 23, 2019 • 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 2018/19 through 2023/24. 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 2018/19 relating to capital projects are included in the plan. The capital projects and acquisitions included in the plan for Fiscal Year 2018/19 will be integrated in the City's 2019/20 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 Session. 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 Session.

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.

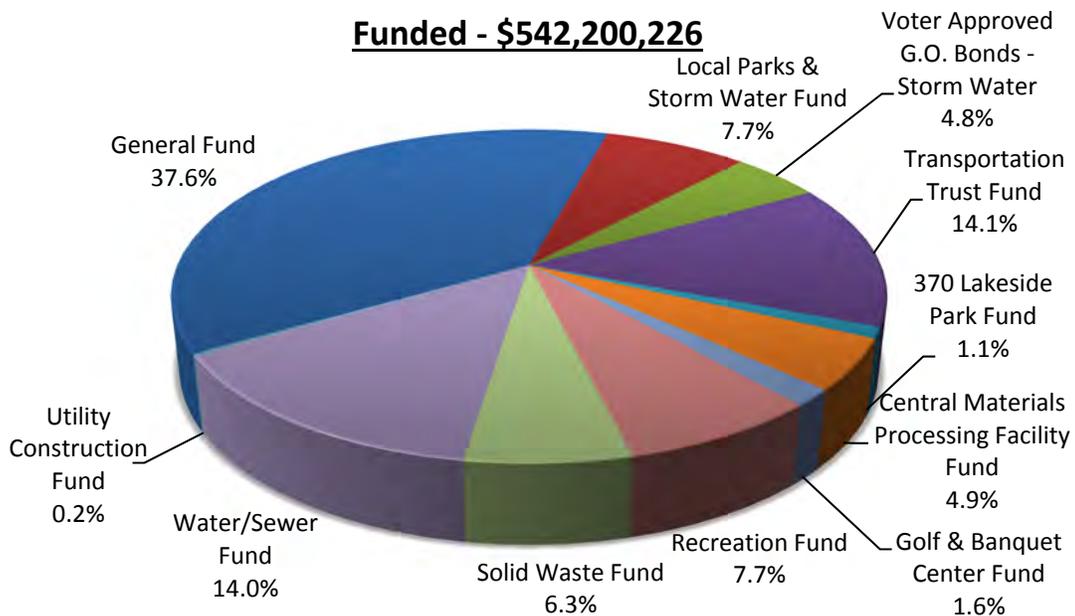
**Recreation Fund** – is used to account for projects related to the Rec-Plex, outdoor pools, Senior Center, and general recreation programs.

**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.

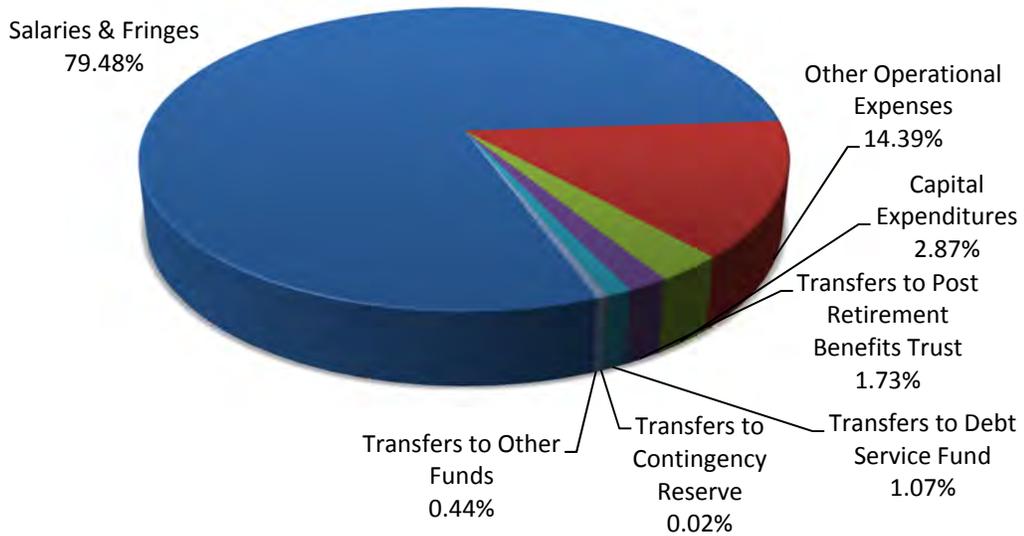
This CIP serves as a blueprint for the preparation of future budgets and sets us on the course to achieve the Vision 2025 priorities.



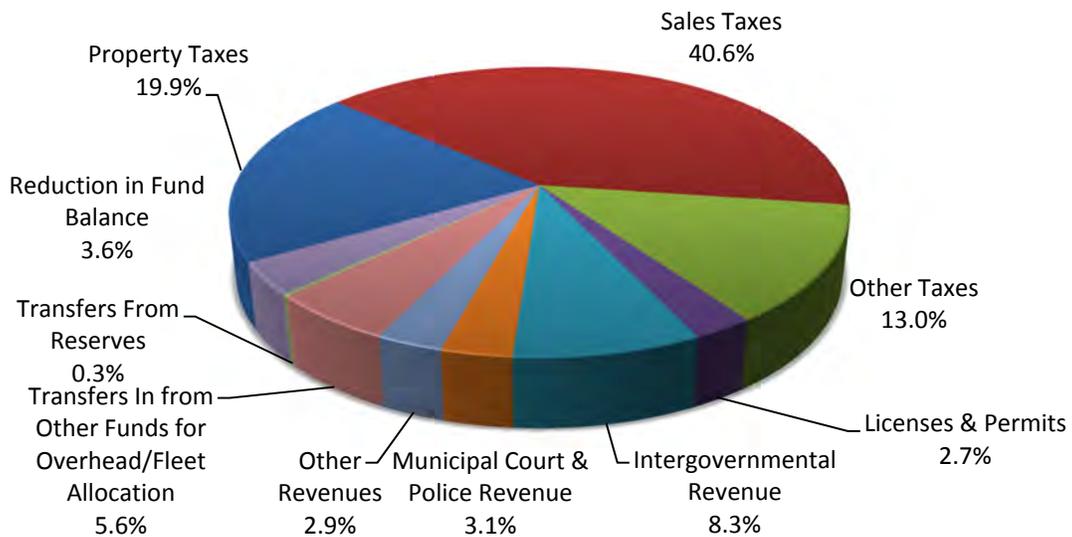
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
GENERAL FUND – CAPITAL PROJECT SUMMARY**

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 - \$203,638,605**



**Funding Sources - \$203,638,605**



<b>GENERAL FUND PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Police Vehicles	350,000	490,000	430,000	328,000	470,000	2,068,000
Other General Fund Vehicles	88,000	29,000	87,000	63,000	85,000	352,000
<b>Subtotal: Vehicles</b>	<b>438,000</b>	<b>519,000</b>	<b>517,000</b>	<b>391,000</b>	<b>555,000</b>	<b>2,420,000</b>
Network Security	19,600	65,425	10,000	10,000	10,000	115,025
Network Switches	62,300	58,200	45,400	25,675	15,000	206,575
PC Replacements	62,750	64,500	68,000	73,175	75,750	344,175
Printer Replacement/New	12,500	11,000	12,500	12,500	11,000	59,500
UPS Replacement/New	14,000	74,700	0	0	0	88,700
Microsoft Licensing	80,000	10,100	0	139,100	0	229,200
Phone System Upgrades	39,200	38,000	31,200	31,200	31,200	170,800
Event Management Software	10,200	0	0	0	0	10,200
Police Software Upgrade	0	0	75,000	0	0	75,000
PD Laptop Replacements	0	0	0	0	66,000	66,000
Document Imaging	0	15,000	15,000	15,000	15,000	60,000
Misc. IT Equipment Replacements & Additions Under \$50,000	77,000	106,300	11,300	17,300	0	211,900
<b>Subtotal: Information Technology Replacements and Additions</b>	<b>377,550</b>	<b>443,225</b>	<b>268,400</b>	<b>323,950</b>	<b>223,950</b>	<b>1,637,075</b>
Facility Improvements – City Hall	332,500	0	0	0	0	332,500
Communications Replacement and Additions	92,000	80,000	80,000	83,500	85,000	420,500
Miscellaneous Items & Under \$50,000	828,000	50,000	50,000	50,000	50,000	1,028,000
<b>Subtotal: Other</b>	<b>920,000</b>	<b>130,000</b>	<b>130,000</b>	<b>133,500</b>	<b>135,000</b>	<b>1,781,000</b>
<b>TOTAL GENERAL FUND PROJECTS</b>	<b>\$2,068,050</b>	<b>\$1,092,225</b>	<b>\$915,400</b>	<b>\$848,450</b>	<b>\$913,950</b>	<b>\$5,838,075</b>

## Project Funding - General Fund

### Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Balance</b>	<b>\$6,965,803</b>	<b>\$8,404,262</b>	<b>\$11,646,402</b>	<b>\$8,873,357</b>	<b>\$7,337,127</b>	<b>\$6,136,702</b>	<b>\$4,869,252</b>	<b>\$3,400,202</b>
<b>Revenues</b>								
Property Tax	7,545,403	7,797,006	7,768,000	7,954,200	8,029,600	8,105,700	8,182,700	8,260,300
Sales Tax	14,279,883	14,901,179	15,378,500	15,886,100	16,203,900	16,528,000	16,858,600	17,195,800
Other Taxes	4,766,654	5,031,654	5,005,200	5,098,300	5,193,300	5,290,200	5,389,100	5,489,900
Licenses & Permits	1,771,852	3,200,304	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
Intergovernmental Revenue	3,652,271	3,758,829	3,375,000	3,375,000	3,375,000	3,375,000	3,375,000	3,375,000
Interest	(212)	43,172	5,000	5,000	5,000	5,000	5,000	5,000
Municipal Court & Police	1,462,880	1,284,937	1,276,100	1,276,100	1,276,100	1,276,100	1,276,100	1,276,100
Other	<u>838,462</u>	<u>1,389,641</u>	<u>1,000,150</u>	<u>1,086,850</u>	<u>1,209,100</u>	<u>1,220,850</u>	<u>1,225,300</u>	<u>1,229,900</u>
<b>Total Revenue</b>	<b>34,317,193</b>	<b>37,406,722</b>	<b>34,907,950</b>	<b>35,781,550</b>	<b>36,392,000</b>	<b>36,900,850</b>	<b>37,411,800</b>	<b>37,932,000</b>
<b>Expenditures</b>								
Salaries & Fringes	26,645,741	27,881,303	30,032,000	31,034,800	31,752,600	32,374,400	33,014,300	33,667,200
Employee Expenses	368,406	390,109	506,025	545,305	555,300	566,300	577,300	588,300
Community Expenses	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
Professional Services	869,466	851,792	1,349,905	1,293,655	1,287,000	1,290,500	1,299,000	1,307,500
Utilities	468,778	483,365	548,520	536,070	563,600	592,700	623,000	655,000
Repairs & Maintenance	1,148,319	1,183,814	1,510,200	1,530,065	1,544,400	1,567,100	1,590,100	1,614,700
Supplies & Other	1,882,337	1,742,522	2,009,970	1,834,735	1,753,300	1,779,800	1,806,600	1,833,400
Allocation of Administrative Overhead	(2,296,200)	(2,258,700)	(2,227,100)	(2,280,600)	(2,280,600)	(2,280,600)	(2,280,600)	(2,280,600)
Capital	<u>1,119,082</u>	<u>722,887</u>	<u>1,429,375</u>	<u>2,068,050</u>	<u>1,092,225</u>	<u>915,400</u>	<u>848,450</u>	<u>913,950</u>
<b>Total Expenditures</b>	<b>30,240,929</b>	<b>31,032,092</b>	<b>35,193,895</b>	<b>36,597,080</b>	<b>36,302,825</b>	<b>36,840,600</b>	<b>37,513,150</b>	<b>38,334,450</b>
Surplus (Deficit)	4,076,264	6,374,630	(285,945)	(815,530)	89,175	60,250	(101,350)	(402,450)
Transfer to Post Retirement Benefits Trust	(961,800)	(985,000)	(1,210,000)	(637,000)	(669,000)	(703,000)	(739,000)	(776,000)
Transfer From (To) Other Funds	(799,112)	(639,843)	(594,000)	(606,200)	(610,600)	(614,700)	(618,700)	(623,300)
Debt Service	(380,765)	(381,983)	(21,000)	0	0	0	0	0
Transfer From (To) Reserves	3,872	(625,664)	(162,100)	532,500	0	0	0	0
Transfer From (To) Contingency Reserve	<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>	<u>(10,000)</u>
<b>Ending Fund Balance</b>	<b><u>\$8,404,262</u></b>	<b><u>\$11,646,402</u></b>	<b><u>\$8,873,357</u></b>	<b><u>\$7,337,127</u></b>	<b><u>\$6,136,702</u></b>	<b><u>\$4,869,252</u></b>	<b><u>\$3,400,202</u></b>	<b><u>\$1,588,452</u></b>
<b>Ending Balance - Contingency Reserve</b>	<b><u>\$4,500,000</u></b>	<b><u>\$5,000,000</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>	<b><u>\$5,050,000</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	327,000	350,000	490,000	430,000	328,000	470,000	2,068,000	2,395,000
<b>TOTAL</b>	327,000	350,000	490,000	430,000	328,000	470,000	2,068,000	2,395,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
100	Detective Sedan	7	0	0	0	0	29,000	0
101	Detective Sedan	7	0	25,000	0	0	0	0
102	Admin Sedan	7	0	0	0	0	29,000	0
103	Admin Sedan	7	0	0	0	26,000	0	0
104	Detective Sedan	7	23,000	0	0	0	0	0
105	Detective Sedan	7	0	0	25,000	0	0	0
106	Admin Sedan	7	0	0	0	0	0	0
107	Detective Sedan	7	0	0	25,000	0	0	0
108	Detective Sedan	7	0	0	0	0	0	0
109	Detective Sedan	5	0	25,000	0	0	0	0
110	Patrol SUV	3	0	42,000	0	0	45,000	0
111	Patrol SUV	3	0	0	44,000	0	0	47,000
112	Patrol SUV	3	0	0	44,000	0	0	47,000
114	Patrol SUV	3	0	0	44,000	0	0	47,000
115	Patrol SUV	3	38,000	0	0	43,000	0	0
116	Patrol SUV	3	38,000	0	0	43,000	0	0
117	Patrol SUV	3	0	42,000	0	0	45,000	0
118	Patrol SUV	3	0	42,000	0	0	45,000	0
119	Patrol SUV	3	0	0	44,000	0	0	47,000
120	Patrol SUV	3	38,000	0	0	43,000	0	0
121	Patrol SUV	3	0	42,000	0	0	45,000	0
122	Patrol SUV	3	38,000	0	0	43,000	0	0
124	Patrol SUV	3	0	0	44,000	0	0	47,000
125	Patrol SUV	3	0	0	44,000	0	0	47,000
126	Patrol SUV	3	38,000	0	0	43,000	0	0
127	Patrol SUV	3	0	0	44,000	0	0	47,000
129	Patrol SUV	3	38,000	0	0	43,000	0	0
130	Patrol SUV	3	0	42,000	0	0	45,000	0
131	Patrol SUV	3	0	0	44,000	0	0	47,000
132	Patrol SUV	3	38,000	0	0	43,000	0	0
133	Patrol SUV	3	0	0	44,000	0	0	47,000
134	Patrol SUV	3	0	42,000	0	0	45,000	0
135	Patrol SUV	3	38,000	0	0	43,000	0	0
137	Patrol SUV	3	0	0	44,000	0	0	47,000
141	Special Ops ¼-Ton	7	0	0	0	34,000	0	0
151	Detective Sedan	7	0	0	0	26,000	0	0
NEW	Motorcycle		0	24,000	0	0	0	0
NEW	Motorcycle		0	24,000	0	0	0	0
		<b>TOTAL</b>	<b>327,000</b>	<b>350,000</b>	<b>490,000</b>	<b>430,000</b>	<b>328,000</b>	<b>470,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	152,000	88,000	29,000	87,000	63,000	85,000	352,000	504,000
<b>TOTAL</b>	152,000	88,000	29,000	87,000	63,000	85,000	352,000	504,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
008	Communications TV Crew SUV	10	0	29,000	0	0	0	0
201	Engineering Sedan	10	0	0	0	0	0	23,000
210	Engineering SUV	10	0	0	0	0	0	0
211	Engineering SUV	10	0	0	0	0	0	30,000
212	Engineering ¼-Ton	10	0	0	0	0	0	0
213	Engineering SUV	10	0	0	0	0	31,000	0
214	Engineering SUV	10	25,000	0	0	0	0	0
216	Engineering ¼-Ton	10	0	0	0	0	0	0
218	Engineering ½-Ton	10	0	29,000	0	0	0	0
300	Engineering Sedan	7	0	0	0	0	32,000	0
501	Engineering SUV	10	0	0	29,000	0	0	0
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	0	0	0	0	0	0
601	Fleet 1-Ton Service Truck	13	0	0	0	87,000	0	0
605	Building Attendants ¼-Ton	10	32,000	0	0	0	0	0
KG4-X83	Health Sedan	7	0	0	0	0	0	32,000
910	Health Inspector SUV	9	25,000	0	0	0	0	0
914	Health ¾-Ton Animal Control	10	70,000	0	0	0	0	0
915	Health ¼-Ton Mosquito Truck	10	0	30,000	0	0	0	0
918	Health ¾-Ton Animal Control	8	0	0	0	0	0	0
		<b>TOTAL</b>	<b>152,000</b>	<b>88,000</b>	<b>29,000</b>	<b>87,000</b>	<b>63,000</b>	<b>85,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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 FY20 thru FY24, 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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	17,475	19,600	65,425	10,000	10,000	10,000	115,025	132,500
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>17,475</b>	<b>19,600</b>	<b>65,425</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>115,025</b>	<b>132,500</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 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); Unforeseen \$10,000</li> <li>• FY20 –Sniffer Probes \$9,600; Unforeseen \$10,000</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; Unforeseen \$10,000</li> <li>• FY22 – Unforeseen \$10,000</li> <li>• FY23 – Unforeseen \$10,000</li> <li>• FY24 – Unforeseen \$10,000</li> </ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	15,400	62,300	58,200	45,400	25,675	15,000	206,575	221,975
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	15,400	62,300	58,200	45,400	25,675	15,000	206,575	221,975
<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 totaling \$6,800; COB Main Switch 1a \$8,600</li> <li>• FY20 – 8 switches totaling \$15,300; City Hall Server Room Main Switch replacement \$29,000; Justice Center Server Room Main Switch \$18,000</li> <li>• FY21 – 10 switches 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 totaling \$7,300; Justice Center AV room \$12,700; Justice Center 1<sup>st</sup> Floor \$12,700; Justice Center 2<sup>nd</sup> Floor \$12,700</li> <li>• FY23 – 14 switches totaling \$25,675</li> <li>• FY24 – 4 switches totaling \$15,000</li> </ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	44,400	62,750	64,500	68,000	73,175	75,750	344,175	388,575
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>44,400</b>	<b>62,750</b>	<b>64,500</b>	<b>68,000</b>	<b>73,175</b>	<b>75,750</b>	<b>344,175</b>	<b>388,575</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

**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. New PCs do not come standard with monitors – 10 are included in the PC annual costs for approximately \$2,000 annually.</p> <p>FY19 – 53 PCs, 4 Laptops = 57 total  FY20 – 56 PCs, 10 Laptops = 66 total, 6 devices enhanced performance  5 additional PCs added for new hires (\$3,750)  FY21 – 49 PCs, 11 Laptops - 60 total, 6 devices enhanced performance  5 additional PCs added for new hires (\$3,750)  FY22 – 43 PCs, 10 Laptops, 3 Macs = 56 total  5 additional PCs added for new hires (\$3,750)  FY23 – 52 PCs, 18 Laptops = 70 total  5 additional PCs added for new hires (\$3,750)  FY24 – 62 PCs, 4 Laptops = 66 total  5 additional PCs added for new hires (\$3,750)</p>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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) uses 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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	11,000	12,500	11,000	12,500	12,500	11,000	59,500	70,500
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>11,000</b>	<b>12,500</b>	<b>11,000</b>	<b>12,500</b>	<b>12,500</b>	<b>11,000</b>	<b>59,500</b>	<b>70,500</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 – General replacement \$11,000; Zebra printer Rec-Plex \$1,500</li><li>• FY21 – General replacement \$11,000</li><li>• FY22 – General replacement \$11,000; Zebra printer CAC \$1,500</li><li>• FY23 – General replacement \$11,000; Zebra printer Rec-Plex \$1,500</li><li>• FY24 – General replacement \$11,000</li></ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	29,700	14,000	74,700	0	0	0	88,700	118,400
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	29,700	14,000	74,700	0	0	0	88,700	118,400
<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 totaling \$29,700</li><li>• FY20 – 8 Replacements totaling \$7,900; JC Server Room (2) converting power to 208V \$6,100</li><li>• FY21 – JC Galaxy4000 (main building UPS) \$49,300 + electrician to connect &amp; troubleshoot \$5,000; City Hall 2<sup>nd</sup> Floor Switch \$10,200; City Hall 1<sup>st</sup> Floor Switch \$10,200</li></ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	Microsoft Licensing
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

This project consists of software licensing for Microsoft products. These include server operating systems, workstation operating systems, SQL, Exchange, user connectivity, and M/S Office. Microsoft is the standard for server and PC operating systems and business applications. These licenses are essential for applications, productivity, file storage, and user access to resources. Primary business applications run on SQL databases. Operating Systems and applications have an active support lifecycle of 5 years and are deemed End-of-Life (EoL) after 9 -10 years. Software and operating systems need to be upgraded to stay current with applications, hardware compatibility, new features, and maintain overall security.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Ability to operate our applications and backup our data in a secure manner. Keeps our servers safe from outside malicious attacks. Protects credit card information from outside attacks.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	Staying current on all licenses keeps us compliant with PCI requirements necessary to do business.
<i>SUSTAINABLE</i>	Keeping current on licensing and operating systems allows staff to stay up with current technology and applications.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Permits staff to share data and resources.
<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 loss of data, loss of productivity, fines, and increases the risk of attack.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	80,000	10,100	0	139,100	0	229,200	229,200
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	80,000	10,100	0	139,100	0	229,200	229,200
<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

**Microsoft Licensing Existing Condition:**

Description	Existing Condition
Microsoft Server Licenses	<p>Currently, several servers operating systems are “well past” End-of-Life (EoL) and pose a potential security risk. Many more servers will reach EoL in January 2020. Windows 7 will also reach EoL in January 2020. This necessitates upgrades to Server 2019 as well as Windows 10. (Server 2019 mainstream support ends 2024, EoL 2029)</p> <p>Because the City’s server environment is virtual, M/S Datacenter version of server software must be purchased. The licensing is based on computer hardware and the model allows an unlimited number of servers to run virtually. Additionally, Client Access Licenses (CALs) must be purchased based on the amount of users/devices connecting to the servers (See Below).</p> <ul style="list-style-type: none"> <li>• FY20 – Microsoft DataCenter 2019 2-Core licenses in coordination with CH VM Upgrades - 52 licenses = \$26,200</li> <li>• FY20 – Microsoft SQL Server Licenses: 10 Licenses = \$5,875</li> <li>• FY21 – Microsoft DataCenter 2019 2-Core Licenses required with JC VM upgrades - 8 licenses = \$4,100 (Add’l server bumps total required licenses to 20) =\$10,100</li> </ul>
Microsoft Client Access Licenses	<p>Each user or Device requires a license to access the Windows Server network. These are differentiated either by user licenses or device licenses. Licenses are required for general access, remote access (RDS), and SQL access</p> <ul style="list-style-type: none"> <li>• FY20 – 470 Device CALs - \$10,175</li> <li>• FY20 – 30 RDS Device CALs - \$2,600</li> <li>• FY20 – 12 RDS User CALs - \$1,050</li> <li>• FY20 – 200 SQL Device CALs - \$27,350</li> </ul>
Microsoft Windows Licenses	<p>Microsoft Windows 10 licenses have been bundled with PC purchases over the previous 4 years. A deficiency of 50-60 licenses exist for PC’s that are recycled “Special Function” PC’s that are brought back into service after their 5-year life cycle.</p> <ul style="list-style-type: none"> <li>• FY20 – Windows 10 licenses (55) \$6,750</li> </ul>
Microsoft Office Licenses	<p>Office 2016 will reach EoL in 2025. However, as new features are introduced into the software, Office should be upgraded to a current version to remain compatible with outside entities. The next major release of Office should be in 2022. Office 365 (software as a service) may be an option at that point</p> <ul style="list-style-type: none"> <li>• FY23 – Office 2022 licenses (380) \$139,100</li> </ul>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	Phone System Upgrades
<b>PROJECT LOCATION</b>	City-wide

**DESCRIPTION AND EXISTING CONDITION**

We purchased the Shoretel VoIP phone system in 2009 and it has been reliable with very little costs to operate. The system is now 10 years old and in need of hardware upgrade. Shoretel was acquired by MITEL in 2017. MITEL has projected an end-of-life for the older equipment of 2023 so we are planning to be fully upgraded by then. The largest component is our physical phones. The model of phone we have is no longer being sold, and when they break they are harder to replace in the second-hand market. This project is to plan for the replacement of the 420 physical phones we have throughout the city facilities as well as all of our phone switches. The replacements will be spread out over the next 5 years as follows:

- FY20: Replace phone switches at CH, JC, and WP + 50 phones
- FY21: Replace phone switches at RP, RPS, Str/Parks, COB, Fleet, CMPF + 100 phones
- FY22-24: Replace 100 phones each year

<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>	Equipment needs to be replaced to stay supported and ensure reliability. By upgrading the phone switches and handsets we protect ourselves (minimize) outages due to equipment failure.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Telephones are our lifeline to residents and vendors and critical to our core business function. Having an efficient, supported phone system is a basic City function for business communication.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	We risk not being able to find replacement equipment quickly and incurring unwanted outages. Employees would be without phone service until repaired.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	39,200	38,000	31,200	31,200	31,200	170,800	170,800
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	39,200	38,000	31,200	31,200	31,200	170,800	170,800
<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 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	Event Management Software
<b>PROJECT LOCATION</b>	Water's Edge Banquet Center

**DESCRIPTION AND EXISTING CONDITION**

With the opening of Water's Edge Banquet Center, the City is in need of a true Event Management and CRM software solution that allows staff ability to schedule, connect reservations with 3<sup>rd</sup> party calendar solutions, set up tentative reservations in advance, receive deposits, create food and beverage options, consolidating into a rental package for guests. Currently, City staff is using the event module within the Golf software solution but that solution is not meeting all of the City's event planning needs. We feel that a software package specifically designed exclusively for event management would allow us to more efficient and effective. In order to be efficient and professional, this solution needs to assist in reminder communications, help staff track a payment schedule, and create guest specific contracts based on selections made thru the process.  
 FY20: Initial software license, install, training, setup \$10,200  
 FY20 – FY24: Ongoing subscription services \$11,280/annually

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	This will allow the City to maximize all rentable areas at Water's Edge and schedule simultaneous events throughout the complex without conflict allowing City to maximize booking of the facility.
<i>SUSTAINABLE</i>	
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	This management solution will assist staff in scheduling community events in a professional, efficient manner, providing effective and timely communication to ensure successful events.
<i>Implications of deferring the project</i>	Some functions will be done either manually or by using other tracking software and we risk overbooking, missing key dates or decisions by guests.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	10,200	0	0	0	0	10,200	10,200
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	10,200	0	0	0	0	10,200	10,200
<b>Maint. &amp; Oper. Costs</b>	0	11,280	11,280	11,280	11,280	11,280	56,400	56,400
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	75,000	0	0	75,000	75,000
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



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	PD Laptop Replacements
<b>PROJECT LOCATION</b>	Justice Center

**DESCRIPTION AND EXISTING CONDITION**

The Police Data911 units will be 9 years old in 2024 and will be in need for upgrade. Since we are replacing the Data911 with newer Data911 units we do not have to re-invest in the monitors. Only plan for replacing them as needed if they break. With this upgrade we can purchase CPUs with enough USB ports to eliminate the need for an external hub in the car to allow connections for all the eTicketing technology. In FY24: (11) Data911 PC's for Police Cars (+8 ea following 2 years).

We will replace devices in vehicles consistent with the Vehicle Replacement plan.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Upgrading the CPUs in the Police and Ranger vehicles will ensure the officers get fast, reliable response as new calls for service are dispatched and critical info is shared before they arrive on scene.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Reduced man hours for support. Industry supported platforms. Faster and more reliable equipment.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Ensure the patrol cars can continue to have uninterruptible service. Keeping current with computers keeps staff connected to the data and information necessary.
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	Older equipment will be harder to maintain and could be out of service longer.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	66,000	0	66,000
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	0	0	0	0	66,000	0	66,000
<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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>• FY20 – 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>• FY21, FY22, FY23, FY24 – 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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	29,000	77,000	106,300	11,300	17,300	0	211,900	240,900
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	29,000	77,000	106,300	11,300	17,300	0	211,900	240,900
<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	2019/20	2020/21	2021/22	2022/23	2023/24
Server Replacements	29,000	69,000	95,000	0	6,000	0
Copier Replacements/New	0	8,000	11,300	11,300	11,300	0
<b>TOTAL</b>	<b>29,000</b>	<b>77,000</b>	<b>106,300</b>	<b>11,300</b>	<b>17,300</b>	<b>0</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>FY19 – 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> <p>The current Virtual Server infrastructure will reach end of life in 2020 (CH) and 2021 (JC). The virtual server software will not be supported on the then nine-year-old servers. The virtual environment servers should have a life expectancy of 6-7 years. (Future software versions will dictate a replacement schedule.)</p> <p>FY20 – City Hall servers would be upgraded (3) with faster processors and memory. They would be integrated into a faster network already being implemented in 2019. \$69,000</p> <p>FY21 – Justice Center servers would be upgraded (2) includes pricing for upgrading to a faster network \$83,000; Genetec Video Surveillance replacement of the original server purchased in 2015 - outside the virtual server infrastructure because of storage space requirements \$12,000. The server should have a life expectancy of 5-6 years.</p> <p>FY23 – Replace Genetec Server at City Hall \$6,000</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>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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.

**2018/19:** \$209,000 City Hall Parking Lot Overlay; \$41,000 City Hall Roof Drainage Improvements

**2019/20:** \$332,500 City Hall Stairway Handrail Modifications; \$56,000 Business Licensing and Permits Consolidation; \$50,000 SSS Office and Storage Improvements; \$1,500 City Hall Interior Way Finding Signs; \$150,000 Cultural Arts Restroom Expansion/Remodel

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	209,000	0	0	0	0	0	0	209,000
Building & Improvements	228,900	332,500	0	0	0	0	332,500	561,400
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>437,900</b>	<b>332,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>332,500</b>	<b>770,400</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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	65,500	92,000	80,000	80,000	83,500	85,000	420,500	486,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>65,500</b>	<b>92,000</b>	<b>80,000</b>	<b>80,000</b>	<b>83,500</b>	<b>85,000</b>	<b>420,500</b>	<b>486,000</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>

**Communications Equipment Replacement Schedule:**

Description	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
<b>END OF LIFE / SYSTEMS OVER \$10,000:</b>						
Studio Camera Replacement	0	0	0	0	30,000	30,000
Replace 4 Avid Editing Systems	0	0	0	0	40,000	0
Video Server/Automation System (*)	0	32,000	0	0	0	0
Digital Signage System (*)	15,000	0	0	0	0	0
Video Router Replace (COB)	0	40,000	0	0	0	0
Studio Lighting - Convert to LED-replace remaining tungsten fixtures	0	0	0	0	0	0
LTO Robotic Library Expansion & Drive Upgrade	25,000	0	0	0	0	0
Replace EVO Shared Storage System	0	0	0	0	0	30,000
Justice Center Control Room - Replace Camera System	0	0	0	40,000	0	0
Justice Center Control Room - Replace Production Switcher	0	0	0	25,000	0	0
Justice Center BOA Chamber - Projection System Switcher/Scaler	0	0	25,000	0	0	0
Justice Center Control Room - Signal Processing/Conversion Equipment	0	0	15,000	0	0	0
Justice Center BOA Chamber - Replace Fiber Transmitter/Receiver System	0	0	15,000	0	0	0
Justice Center BOA Chamber - Replace Projector & Screen	0	0	25,000	0	0	0
Justice Center BOA Chamber - Replace TV Lighting w/LED	0	0	0	0	0	25,000
Justice Center Control Room Console w/ Multi-view Monitor & Floor Stand	0	0	0	15,000	0	0
Justice Center Control Room Digital Recording/Playback Decks	0	0	0	0	0	0
<b>END OF LIFE / SYSTEMS UNDER \$10,000:</b>						
Replace Studio/Field Teleprompter system (2 systems)	5,500	0	0	0	0	0
Signal Processing Conversion Equipment (SD-HD)	10,000	10,000	0	0	0	0
Replace Multi-Format Audio & Video Signal Analyzer	10,000	0	0	0	0	0
Replace Desks/Workstations at Cable Operations Building (10)	0	10,000	0	0	0	0
Replace Blu-Ray DVD Duplication System	0	0	0	0	3,500	0
Replace Field Tripods	0	0	0	0	10,000	0
Misc. Equipment Under \$50,000	0	0	0	0	0	0
<b>TOTAL</b>	<b>65,500</b>	<b>92,000</b>	<b>80,000</b>	<b>80,000</b>	<b>83,500</b>	<b>85,000</b>

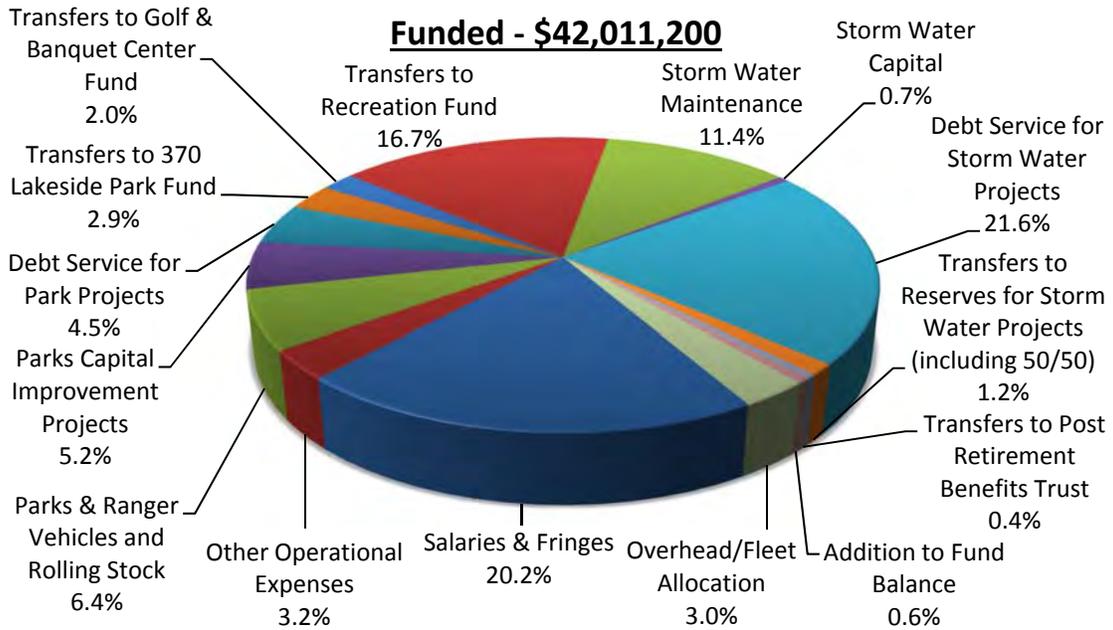
\*Because of our operating improvements and improvements to the Carousel Messaging software on our new server, we are migrating our messaging needs to the Carousel Messaging software on our new server. This eliminates the need for Scala hardware purchase and annual software/support costs = savings of \$7,000 per year. Note: In FY20 we will purchase the new server, making this change possible.



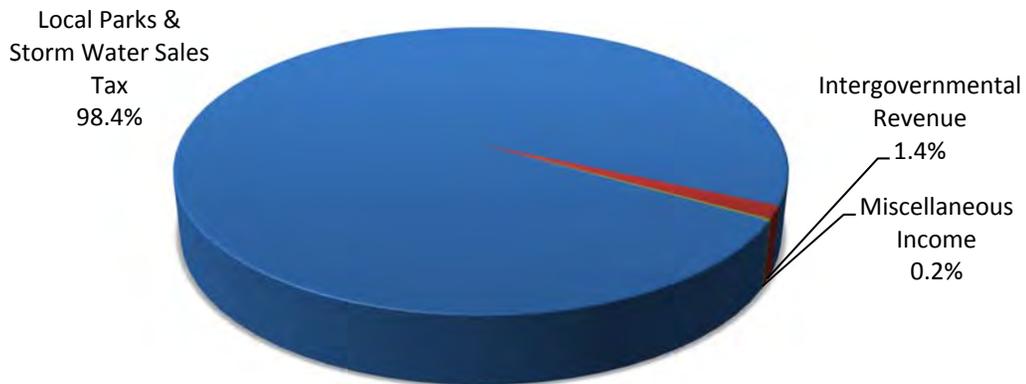
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN**

**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 - \$42,011,200**



<b>PARKS PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Ranger Division Vehicles	0	74,000	39,000	0	0	113,000
Subtotal: Ranger Division Capital	0	74,000	39,000	0	0	113,000
Parks Department Vehicles	347,000	187,000	219,000	274,000	246,000	1,273,000
Parks Department Rolling Stock	173,000	132,000	181,000	568,000	263,000	1,317,000
Subtotal: Parks Vehicles and Rolling Stock	520,000	319,000	400,000	842,000	509,000	2,590,000
Playground Equipment	50,000	200,000	0	500,000	300,000	1,050,000
Parking Lot Seal and Stripe & Athletic Field Improvements	50,000	50,000	100,000	100,000	100,000	400,000
City Centre Campus Improvements	50,000	0	0	0	0	50,000
Restroom & Concession Stand at Old Town Park	0	0	250,000	0	0	250,000
Laurel Park Restroom	250,000	0	0	0	0	250,000
City Centre Gazebo Bridge Replacement	0	0	0	0	28,000	28,000
Miscellaneous Items Under \$50,000	46,500	25,000	25,000	25,000	25,000	146,500
Subtotal: Parks Capital Improvement Projects	446,500	275,000	375,000	625,000	453,000	2,174,500
<b>TOTAL PARKS PROJECTS</b>	<b>\$966,500</b>	<b>\$668,000</b>	<b>\$814,000</b>	<b>\$1,467,000</b>	<b>\$962,000</b>	<b>\$4,877,500</b>

<b>STORM WATER PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Gray Infrastructure Maintenance	180,000	190,000	200,000	210,000	210,000	990,000
Green Infrastructure Maintenance	484,000	498,000	523,000	585,000	585,000	2,675,000
Levee Maintenance	185,000	190,000	190,000	190,000	190,000	945,000
Other Storm Water Department Maintenance	40,000	40,000	40,000	40,000	40,000	200,000
Subtotal: Storm Water Maintenance	889,000	918,000	953,000	1,025,000	1,025,000	4,810,000
Storm Water Vehicles	0	0	236,000	0	28,000	264,000
Miscellaneous Items Under \$50,000	10,500	0	0	0	0	10,500
Subtotal: Storm Water Capital	10,500	0	236,000	0	28,000	274,500
<b>TOTAL STORM WATER PROJECTS</b>	<b>\$899,500</b>	<b>\$918,000</b>	<b>\$1,189,000</b>	<b>\$1,025,000</b>	<b>\$1,053,000</b>	<b>\$5,084,500</b>

## Project Funding - Local Parks and Storm Water Fund

### Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Balance</b>	<b>\$2,015,387</b>	<b>\$1,988,295</b>	<b>\$1,796,870</b>	<b>\$1,163,712</b>	<b>\$217,197</b>	<b>\$769,497</b>	<b>\$1,129,697</b>	<b>\$1,002,997</b>
Add: Sales Tax	7,078,266	7,390,345	7,689,250	7,943,050	8,101,950	8,264,000	8,429,300	8,597,900
Intergovernmental Revenue	96,445	78,294	115,000	115,000	120,000	120,000	120,000	120,000
Transfer from Special Allocation Fund - Old Town Levee	0	78,466	0	0	0	0	0	0
Transfer from Special Allocation Fund - St. Peters Lakeside	0	239,293	0	0	0	0	0	0
Other	176,158	73,287	136,000	11,000	11,000	11,000	11,000	11,000
Interest	<u>5,210</u>	<u>11,942</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>7,356,079</u>	<u>7,871,627</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>	<u>8,733,900</u>
<b>Funds Available</b>	<b><u>9,371,466</u></b>	<b><u>9,859,922</u></b>	<b><u>9,742,120</u></b>	<b><u>9,237,762</u></b>	<b><u>8,455,147</u></b>	<b><u>9,169,497</u></b>	<b><u>9,694,997</u></b>	<b><u>9,736,897</u></b>
Less: Ranger Division	641,627	567,931	605,360	665,110	733,900	719,700	702,100	724,300
CSO Division	306,908	0	0	0	0	0	0	0
Parks Department	1,654,748	1,003,631	724,000	966,500	594,000	775,000	1,467,000	962,000
Debt Service for Park Projects (2010C COPs)	163,956	165,675	167,500	168,000	163,500	168,500	168,000	162,500
Debt Service for Park Projects (2018 COPs)	0	42,254	210,000	208,000	210,000	210,000	210,000	210,000
Storm Water/Creek Stabilization	<u>2,428,795</u>	<u>2,358,277</u>	<u>2,484,945</u>	<u>2,113,560</u>	<u>2,160,700</u>	<u>2,467,900</u>	<u>2,342,100</u>	<u>2,409,500</u>
<b>Total Expenditures</b>	<b><u>5,196,034</u></b>	<b><u>4,137,768</u></b>	<b><u>4,191,805</u></b>	<b><u>4,121,170</u></b>	<b><u>3,862,100</u></b>	<b><u>4,341,100</u></b>	<b><u>4,889,200</u></b>	<b><u>4,468,300</u></b>
Overhead/Fleet Allocation	280,200	292,600	268,100	252,200	252,200	252,200	252,200	252,200
Transfer To Capital Project Fund Prop Q	0	842,000	0	0	0	0	0	0
Transfer To Debt Service Fund for 2010B G.O. Bonds	129,836	129,624	130,000	130,000	130,000	130,000	130,000	130,000
Transfer To Debt Service Fund for 2012 G.O. Bonds	249,832	245,994	250,000	250,000	250,000	250,000	250,000	250,000
Transfer To Debt Service Fund for 2014 G.O. Bonds	649,309	651,608	655,000	655,000	655,000	655,000	655,000	655,000
Transfer To Debt Service Fund for 2016 G.O. Bonds	506,394	507,125	510,000	510,000	510,000	510,000	510,000	510,000
Transfer To Debt Service Fund for 2018 G.O. Bonds	0	63,515	271,000	271,000	271,000	271,000	271,000	271,000
Transfer To 370 Lakeside Park Fund	0	0	97,641	262,800	231,400	262,200	163,600	280,700
Transfer To Golf and Banquet Center Fund	0	210,000	624,062	259,395	88,250	55,800	281,600	170,600
Transfer To Recreation Fund	750,000	1,546,000	1,450,000	2,175,000	1,300,000	1,175,000	1,150,000	1,200,000
Transfer To(From) Reserves	(406,334)	(592,482)	100,000	100,000	100,000	100,000	100,000	100,000
Transfer To Post Retirement Benefits Fund/Trust	<u>27,900</u>	<u>29,300</u>	<u>30,800</u>	<u>34,000</u>	<u>35,700</u>	<u>37,500</u>	<u>39,400</u>	<u>41,400</u>
<b>Total Uses Of Funds</b>	<b><u>7,383,171</u></b>	<b><u>8,063,052</u></b>	<b><u>8,578,408</u></b>	<b><u>9,020,565</u></b>	<b><u>7,685,650</u></b>	<b><u>8,039,800</u></b>	<b><u>8,692,000</u></b>	<b><u>8,329,200</u></b>
<b>Ending Fund Balance</b>	<b><u>\$1,988,295</u></b>	<b><u>\$1,796,870</u></b>	<b><u>\$1,163,712</u></b>	<b><u>\$217,197</u></b>	<b><u>\$769,497</u></b>	<b><u>\$1,129,697</u></b>	<b><u>\$1,002,997</u></b>	<b><u>\$1,407,697</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	74,000	39,000	0	0	113,000	113,000
<b>TOTAL</b>	0	0	74,000	39,000	0	0	113,000	113,000
<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

**Ranger Division Vehicle Replacement Schedule:**

Vehicle #	Description	Life Cycle (in years)	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
892	Ford SUV	4	0	0	37,000	0	0	0
893	Ford SUV	4	0	0	0	39,000	0	0
894	Ford SUV	4	0	0	37,000	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>74,000</b>	<b>39,000</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	147,000	347,000	187,000	219,000	274,000	246,000	1,273,000	1,420,000
<b>TOTAL</b>	147,000	347,000	187,000	219,000	274,000	246,000	1,273,000	1,420,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
700	Sedan	5	27,000	0	0	0	0	30,000
701	SUV	8	0	0	0	29,000	0	0
703	½-Ton	8	0	0	0	0	0	0
704	¼-Ton	10	0	0	0	0	36,000	0
705	½-Ton	8	0	0	0	0	0	0
708	1-Ton	10	0	50,000	0	0	0	0
709	½-Ton	7	0	0	0	0	0	0
710	¾-Ton	10	0	0	57,000	0	0	0
711	1-Ton	10	0	0	0	0	0	0
712	¾-Ton	7	0	0	0	0	0	46,000
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	50,000	0	0
724	1-Ton	10	0	0	0	0	0	0
NEW	1-Ton	10	0	0	0	140,000	0	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	0	0	0	0	0	0
733	1-Ton	10	0	0	0	0	0	0
734	1-Ton	10	120,000	0	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	103,000	0	0	0	0
NEW	1-Ton Dump – MOVED TO LAKESIDE	10	0	0	0	0	0	0
740	1-Ton Bucket	10	0	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	168,000	0
744	2-Ton	11	0	0	0	0	0	170,000
745	2-Ton Bucket	11	0	0	0	0	0	0
750	5-Ton Tandem	10	0	194,000	0	0	0	0
NEW	Forestry Body Chipper Truck	11	0	0	130,000	0	0	0
NEW	1-Ton	10	0	0	0	0	70,000	0
		<b>TOTAL</b>	<b>147,000</b>	<b>347,000</b>	<b>187,000</b>	<b>219,000</b>	<b>274,000</b>	<b>246,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	272,000	173,000	132,000	181,000	568,000	263,000	1,317,000	1,589,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	272,000	173,000	132,000	181,000	568,000	263,000	1,317,000	1,589,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
Toro Wingdeck Mowers (2)	8	140,000	0	0	0	0	0
Bobcat Mini Excavator	10	75,000	0	0	0	0	0
Morbark Brush Chipper	10	40,000	0	0	0	0	0
Ferris ZTR Mower	7	17,000	0	0	0	0	0
Toro 5900 Wing-Deck Mower	10	0	100,000	0	0	0	0
Ingersoll Rand Asphalt Roller	10	0	60,000	0	0	0	0
Seedavator	7	0	13,000	0	0	0	0
Terramite Street Sweeper	10	0	0	40,000	0	0	0
Bobcat Brushcut Rotary Cutter	6	0	0	8,000	0	0	0
Yamaha GMAX Golf Cart #3	10	0	0	14,000	0	0	0
15" Drum Brush Chipper		0	0	70,000	0	0	0
Toro 5910 Large Area Wing-Deck Mower	10	0	0	0	110,000	0	0
Aeravator	7	0	0	0	13,000	0	0
22' Trailer		0	0	0	15,000	0	0
Ferris 3100z ZTR Mower	5	0	0	0	17,000	0	0
Ferris 3100z ZTR Mower	5	0	0	0	17,000	0	0
Ferris 61" Walk-behind Mower	7	0	0	0	9,000	0	0
340B Ford Tractor	30	0	0	0	0	60,000	0
Toro Rotary Wing-deck Mower	10	0	0	0	0	70,000	0
Ferris ZTR IS3100	5	0	0	0	0	17,000	0
John Deere Gator Utility Vehicle		0	0	0	0	16,000	0
Toro 4010 D Rotary Mower		0	0	0	0	75,000	0
710J John Deere Backhoe		0	0	0	0	175,000	0
Pull Behind Aerator		0	0	0	0	6,000	0
John Deere 1200A Bunker Rake		0	0	0	0	32,000	0
Bobcat T770 Track Loader	10	0	0	0	0	70,000	0
Kubota M4700 Tractor	25	0	0	0	0	47,000	0
Ferris ZTR Mower	7	0	0	0	0	0	17,000
300 Gallon Sprayer		0	0	0	0	0	40,000
P385 Asphalt Paver	10	0	0	0	0	0	170,000
Hot Water Pressure Washer	10	0	0	0	0	0	7,500
30" Ride-on Aerator with Spreader	10	0	0	0	0	0	10,500
60 Gallon Sprayer	10	0	0	0	0	0	3,000
Aeravator AE60	7	0	0	0	0	0	15,000
	<b>TOTAL</b>	<b>272,000</b>	<b>173,000</b>	<b>132,000</b>	<b>181,000</b>	<b>568,000</b>	<b>263,000</b>

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

Description	Existing Condition
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 for this type of 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.
Ferris ZTR Mower	Ferris IS3200 ZTR gas mower purchased in 2019 used regularly to mow athletic fields and parks. Will need to be replaced due to age and expected wear in FY24.
300 Gallon Sprayer	Replace 300 gallon sprayer with 175 gallon Toro Multi Pro 1750 sprayer allowing for more efficient use of equipment.
P385 Asphalt Paver	The asphalt paver will be ten years old and will have exceeded its useful service life.
Hot Water Pressure Washer	Diesel-fired hot water pressure washer will be ten years old and will have exceeded its useful service life.
30" Ride-on Aerator with Spreader	Existing walk-behind aerator will be ten years old and have exceeded its useful service life. Due to an increase need for small area aerating throughout the Parks system, we are requesting a ride-on aerator with a spreader attachment to increase efficiency.
60 Gallon Sprayer	Used for herbicide treatments on athletic fields, the John Deere 60 gallon boom sprayer will have exceeded its useful service life.
Aeravator AE60	This seeder is heavily used for turf renovation improvements on ball fields, park and trail areas. Replacement will be needed as it will have exceeded its useful service life.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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.

FY20: component replacement as needed. FY21: Tot Lot or Old Town as needed. FY22: no replacement. FY23: Inclusive playground. FY24: Tot Lot or Old Town as needed.

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	0	50,000	200,000	0	500,000	300,000	1,050,000	1,050,000
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	50,000	200,000	0	500,000	300,000	1,050,000	1,050,000
<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 2018/19 – 2023/24**

<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 FY24. 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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	100,000	50,000	50,000	100,000	100,000	100,000	400,000	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>	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>400,000</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 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	City Centre Campus Improvements: Front Entrance and Back Patio
<b>PROJECT LOCATION</b>	City Centre

**DESCRIPTION AND EXISTING CONDITION**

City Centre Front Entrance Renovation  
 Phase 1: \$25,000 To eliminate the rose bed, pour concrete, and set three large saucer planters in the space.  
 Phase 2: \$20,000 To eliminate the pear trees and ivy beds along the two sides of the road and replace with concrete and decorative planters, and plant appropriate tree species away from street lights.  
 Phase 3: \$30,000 New entrance sign.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Will reduce sight obstructions in traffic island, reduce staff time working on traffic island, create safer landing for pedestrians and for employees working on island.
<i>HEALTHY</i>	Eliminate a declining landscape area and remove invasive plants while replacing them with healthy appropriate plant material.
<i>PROSPEROUS</i>	The improvements will give the entrance of this important complex an appropriate visual appeal that is fitting for the prospering area.
<i>SUSTAINABLE</i>	The existing vegetation is in poor health and/or invasive. It cannot be sustained in its present state. The proposed improvements will be enduring, lasting many years.
<i>INNOVATIVE</i>	The proposed plan is a tremendous upgrade. It will convert an old, outdated image to give it a clean and modern appeal.
<i>CONNECTED</i>	These improvements will mirror the theme of projects already completed in front of City Hall and the Rec-Plex, giving continuity to the complex appearance.
<i>COMMUNITY</i>	The beauty of the upgrades will foster a renewed sense of pride in our City Centre Complex.
<i>Implications of deferring the project</i>	

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	25,000	50,000	0	0	0	0	50,000	75,000
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>	25,000	50,000	0	0	0	0	50,000	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**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	250,000	0	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	250,000	0	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



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	City Centre Gazebo Bridge Replacement
<b>PROJECT LOCATION</b>	City Centre Park

**DESCRIPTION AND EXISTING CONDITION**

This project involves replacing the wooden bridge at City Centre Gazebo which was purchased in 2007. The handrails have been replaced twice and posts and decking have been replaced once. The bridge will need to be replaced due to age and wear.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Improved bridge will allow continued safe water crossing at City Centre pond.
<i>HEALTHY</i>	Encourages interactions with nature by offering increased opportunity to explore the park.
<i>PROSPEROUS</i>	Upgrades amenities of the beautiful park area, eliminating a declining structure that looks poor.
<i>SUSTAINABLE</i>	Will be replaced with a structure that requires less maintenance and is built for longevity.
<i>INNOVATIVE</i>	New bridge will be improved over previous crossing.
<i>CONNECTED</i>	Increases the amount of area that is fully accessible to everyone.
<i>COMMUNITY</i>	Improve park environment and experience for park users.
<i>Implications of deferring the project</i>	Lake crossing will be eliminated. The bridge is a very popular place for those in the community to take wedding and prom photos and will be sorely missed if not replaced.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	28,000	28,000	28,000
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	0	0	0	0	28,000	28,000	28,000
<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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	170,000	180,000	190,000	200,000	210,000	210,000	990,000	1,160,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Storm Water Gray Infrastructure Maintenance Categories:**

Description	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
Chemical Grout	40,000	40,000	45,000	50,000	50,000	50,000
Sewer & Inlet Repairs	40,000	40,000	45,000	50,000	50,000	50,000
CIPP & Other Rehab Methods	90,000	100,000	100,000	100,000	110,000	110,000
<b>TOTAL</b>	<b>170,000</b>	<b>180,000</b>	<b>190,000</b>	<b>200,000</b>	<b>210,000</b>	<b>210,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	441,500	484,000	498,000	523,000	585,000	585,000	2,675,000	3,116,500
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Storm Water Green Infrastructure Maintenance Categories:**

Description	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
Basin/BMP Stewardship	130,000	130,000	140,000	145,000	185,000	185,000
Stream Channel Stewardship	135,000	200,000	215,000	215,000	215,000	215,000
Stream Channel Preservation	65,000	65,000	65,000	65,000	65,000	65,000
Basin Retrofits	85,000	61,000	50,000	70,000	85,000	85,000
Basin Mowing	16,500	18,000	20,000	23,000	30,000	30,000
Water Quality Sampling	10,000	10,000	8,000	5,000	5,000	5,000
<b>TOTAL</b>	<b>441,500</b>	<b>484,000</b>	<b>498,000</b>	<b>523,000</b>	<b>585,000</b>	<b>585,000</b>

**Basin Modifications:**

FY	Basins
2018/19	Candlewick Estates, Twill Valley, Triad South
2019/20	Montecito (NW), Montecito (SE), Boones Trace
2020/21	Queensbrooke Village, McClay Valley Dry (East), McClay Valley Dry (West),
2021/22	Spencer Hill, Ashleigh Estates
2022/23	Carrington Place, Parkridge Estates (North)
2023/24	Bella Vista, Hanover Crossing (Liberty), Hanover Crossing (Meadow), Hanover Crossing (Unity)
2024/25	Aspen Ridge, Harvest Point (HM), Harvest Point (HR), Heather Ridge, Heather Ridge (McClay)
2025/26	Canyon Creek, Lienemann Forest

**Stream Preservation List:**

FY	Stream Preservation List	Honeysuckle Eradication List
	Stream	Stream
2017/18	Spencer Creek West Branch	
2018/19		Spencer Creek: City Centre to Mexico Rd/ Spencer Creek: Boone Hills to City Centre
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	
2025/26	Birdie Hills @ Eisenhower	



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	185,000	185,000	190,000	190,000	190,000	190,000	945,000	1,130,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Storm Water Levee Maintenance Categories:**

Description	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
Old Town Levee Overseeding/Fertilizer	15,000	15,000	15,000	15,000	15,000	15,000
Old Town Levee Mowing	15,000	15,000	15,000	15,000	15,000	15,000
Old Town Levee Herbicide Spraying	20,000	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>70,000</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	22,000	22,000	22,000	22,000	22,000	22,000
Premier 370 Levee Herbicide Spraying	18,000	18,000	18,000	18,000	18,000	18,000
Premier 370 Levee PS & Relief Wells	15,000	15,000	20,000	20,000	20,000	20,000
Premier 370 Levee Rock & Misc. Repairs	45,000	45,000	45,000	45,000	45,000	45,000
<b>Subtotal Premier 370 Levee Maintenance</b>	<b>115,000</b>	<b>115,000</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>
<b>TOTAL</b>	<b>185,000</b>	<b>185,000</b>	<b>190,000</b>	<b>190,000</b>	<b>190,000</b>	<b>190,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	197,000	0	0	236,000	0	28,000	264,000	461,000
<b>TOTAL</b>	197,000	0	0	236,000	0	28,000	264,000	461,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
402	½-Ton	10	32,000	0	0	0	0	0
407	¾-Ton	10	0	0	0	51,000	0	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	165,000	0	0	0	0	0
448	2-Ton Dump	12	0	0	0	185,000	0	0
558	SUV	10	0	0	0	0	0	28,000
		<b>TOTAL</b>	<b>197,000</b>	<b>0</b>	<b>0</b>	<b>236,000</b>	<b>0</b>	<b>28,000</b>

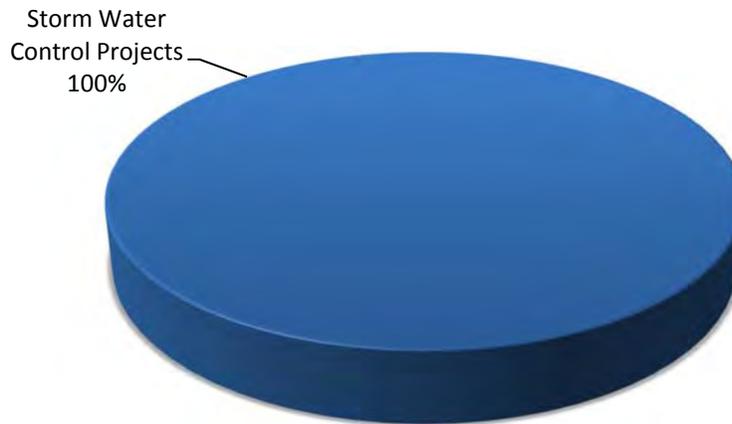


CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN

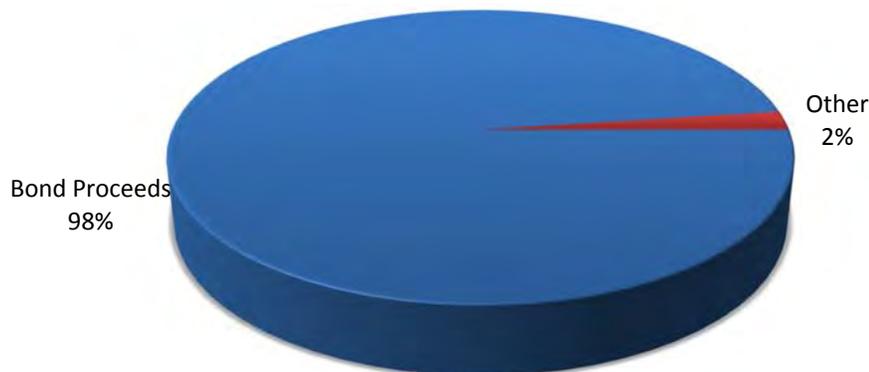
**VOTER APPROVED GENERAL OBLIGATION BONDS – STORM WATER**

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 - \$26,131,921**



**Funding Sources - \$26,223,213**



## 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	Actual 2017/18	Projected 2018/19	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Balance - Contingency</b>	\$0	\$3,470,173	\$10,303,132	\$5,559,471	\$10,573,671	\$4,826,280	\$5,061,415	\$91,292	\$91,292	\$91,292	\$91,292	\$91,292
<b>Revenue</b>												
Bond Proceeds	4,000,000	9,675,000	0	8,000,000	0	4,000,000	0	0	0	0	0	0
Interest Income	323	324	842	3,308	8,727	13,059	0	0	0	0	0	0
Other	272,749	229,668	(300)	0	0	19,513	0	0	0	0	0	0
<b>Total Revenue</b>	<u>4,273,072</u>	<u>9,904,992</u>	<u>542</u>	<u>8,003,308</u>	<u>8,727</u>	<u>4,032,572</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Expenditures</b>												
Storm Water Control Projects	802,899	3,072,033	4,744,203	2,989,108	5,756,118	3,797,437	4,970,123	0	0	0	0	0
<b>Total Expenditures</b>	<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>3,797,437</u>	<u>4,970,123</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Income/(Loss)	3,470,173	6,832,959	(4,743,661)	5,014,200	(5,747,391)	235,135	(4,970,123)	0	0	0	0	0
<b>Ending Balance - Contingency</b>	<u>\$3,470,173</u>	<u>\$10,303,132</u>	<u>\$5,559,471</u>	<u>\$10,573,671</u>	<u>\$4,826,280</u>	<u>\$5,061,415</u>	<u>\$91,292</u>	<u>\$91,292</u>	<u>\$91,292</u>	<u>\$91,292</u>	<u>\$91,292</u>	<u>\$91,292</u>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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	2019/20	2020/21	2021/22	2022/23	2023/24	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	26,131,921	0	0	0	0	0	0	26,131,921
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>	26,131,921	0	0	0	0	0	0	26,131,921
<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



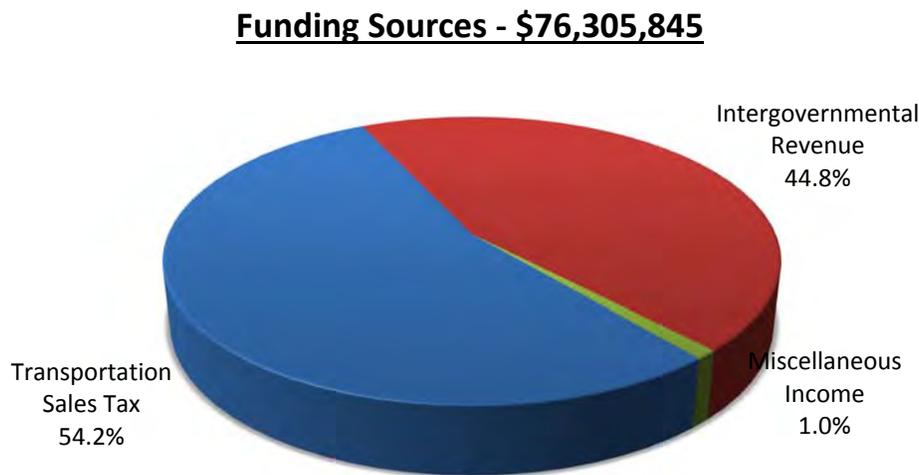
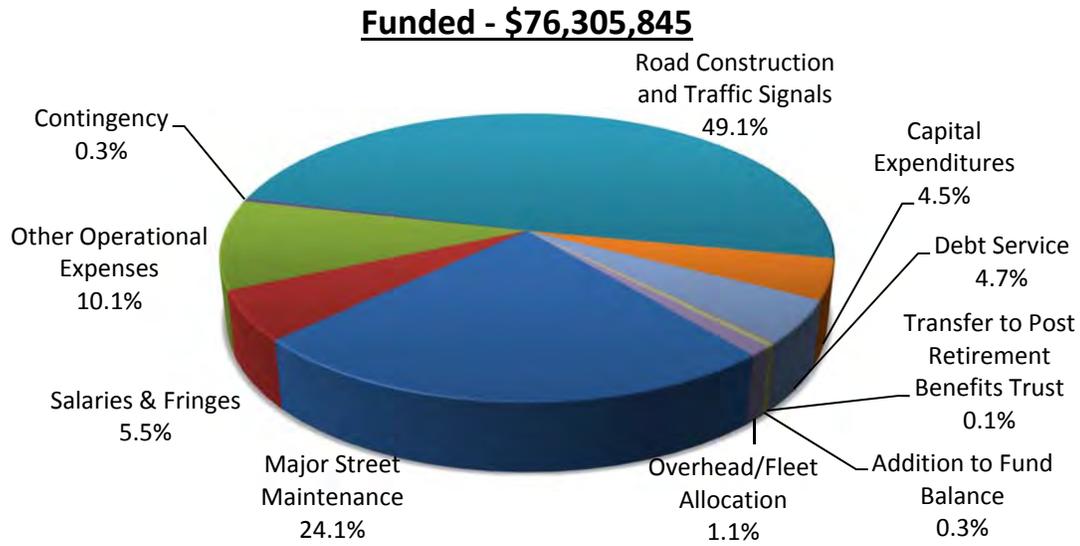


**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN**

**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.



<b>TRANSPORTATION TRUST FUND PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Road Construction and Traffic Signals	3,056,110	4,039,365	7,067,060	18,066,705	5,272,100	37,501,340
<b>Subtotal: Road Construction and Traffic Signals</b>	<b>3,056,110</b>	<b>4,039,365</b>	<b>7,067,060</b>	<b>18,066,705</b>	<b>5,272,100</b>	<b>37,501,340</b>
Asphalt Overlay	1,170,000	1,220,000	1,270,000	1,320,000	1,370,000	6,350,000
Concrete Slab Replacement	1,300,000	1,300,000	1,400,000	1,500,000	1,600,000	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	300,000	200,000	200,000	200,000	200,000	1,100,000
Other Maintenance	193,500	193,500	193,500	193,500	193,500	967,500
<b>Subtotal: Major Street Maintenance</b>	<b>3,538,500</b>	<b>3,488,500</b>	<b>3,638,500</b>	<b>3,788,500</b>	<b>3,938,500</b>	<b>18,392,500</b>
Vehicles	296,000	0	269,000	335,000	99,000	999,000
Rolling Stock	317,500	48,500	90,000	175,000	196,000	827,000
Salt Brine Equipment Replacement & Storage Building Remodel	30,000	0	0	0	0	30,000
Traffic Signal Improvements	160,000	175,000	175,000	190,000	190,000	890,000
LED Street Light Retrofit Program (Unmetered Service)	140,000	140,000	140,000	140,000	140,000	700,000
Miscellaneous Items Under \$50,000	0	0	0	0	0	0
<b>Subtotal: Capital</b>	<b>943,500</b>	<b>363,500</b>	<b>674,000</b>	<b>840,000</b>	<b>625,000</b>	<b>3,446,000</b>
<b>TOTAL TRANSPORTATION TRUST FUND PROJECTS</b>	<b>\$7,538,110</b>	<b>\$7,891,365</b>	<b>\$11,379,560</b>	<b>\$22,695,205</b>	<b>\$9,835,600</b>	<b>\$59,339,840</b>

## Project Funding - Transportation Trust Fund

### Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Balance</b>	<b>\$3,607,182</b>	<b>\$4,093,072</b>	<b>\$2,512,095</b>	<b>\$354,353</b>	<b>\$301,128</b>	<b>\$760,163</b>	<b>\$596,798</b>	<b>\$492,038</b>
Transfer from Local Parks and Storm Water Fund	0	0	0	0	0	0	0	0
Transfer from Old Town TIF	998,268	121,482	305,338	0	0	0	0	0
Add: Sales Tax	7,139,943	7,450,675	7,689,250	7,943,050	8,101,950	8,264,000	8,429,300	8,597,900
Intergovernmental Revenue	2,948,708	6,911,370	1,895,930	2,583,725	3,351,250	6,129,595	17,418,245	4,704,830
Other	236,826	1,321,205	175,000	168,000	161,000	158,000	150,000	140,000
Interest	<u>9,660</u>	<u>21,840</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>10,335,137</u>	<u>15,826,572</u>	<u>10,066,518</u>	<u>10,695,775</u>	<u>11,615,200</u>	<u>14,552,595</u>	<u>25,998,545</u>	<u>13,443,730</u>
<b>Funds Available</b>	<b><u>14,940,587</u></b>	<b><u>19,919,644</u></b>	<b><u>12,578,613</u></b>	<b><u>11,050,128</u></b>	<b><u>11,916,328</u></b>	<b><u>15,312,758</u></b>	<b><u>26,595,343</u></b>	<b><u>13,935,768</u></b>
Less: Road Construction and Traffic Signals	5,687,260	11,084,683	4,522,665	3,056,110	4,039,365	7,067,060	18,066,705	5,272,100
Street Maintenance	2,423,775	3,320,233	4,616,925	4,335,775	3,819,900	4,259,100	4,593,100	4,534,100
Traffic Management	1,761,265	2,003,206	2,102,270	2,381,515	2,326,900	2,426,300	2,488,500	2,565,700
Contingency	13,515	44,287	50,000	50,000	50,000	50,000	50,000	50,000
Debt Service	<u>760,640</u>	<u>753,540</u>	<u>751,000</u>	<u>740,500</u>	<u>734,000</u>	<u>726,500</u>	<u>717,000</u>	<u>706,500</u>
<b>Total Uses Of Funds</b>	<b><u>10,646,455</u></b>	<b><u>17,205,949</u></b>	<b><u>12,042,860</u></b>	<b><u>10,563,900</u></b>	<b><u>10,970,165</u></b>	<b><u>14,528,960</u></b>	<b><u>25,915,305</u></b>	<b><u>13,128,400</u></b>
Transfer to/(from) Reserves	(40)	0	0	0	0	0	0	0
Transfer to Post Retirement Benefits Fund	13,200	13,900	14,600	18,000	18,900	19,900	20,900	22,000
Administration Overhead	<u>187,900</u>	<u>187,700</u>	<u>166,800</u>	<u>167,100</u>	<u>167,100</u>	<u>167,100</u>	<u>167,100</u>	<u>167,100</u>
<b>Ending Fund Balance</b>	<b><u>\$4,093,072</u></b>	<b><u>\$2,512,095</u></b>	<b><u>\$354,353</u></b>	<b><u>\$301,128</u></b>	<b><u>\$760,163</u></b>	<b><u>\$596,798</u></b>	<b><u>\$492,038</u></b>	<b><u>\$618,268</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	4,522,665	3,056,110	4,039,365	7,067,060	18,066,705	5,272,100	37,501,340	42,024,005
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	4,522,665	3,056,110	4,039,365	7,067,060	18,066,705	5,272,100	37,501,340	42,024,005
<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	2018/19 BUDGET			2019/20 BUDGET			2020/21			2021/22			2022/23			2023/24		
		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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD WIDENING (NOR TO SALT RIVER ROAD)	CONSTRUCTION	269,510	-	269,510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
QUEENSBROOK @ HARVESTER INTERSECTION AND SIGNAL	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300,000	500,000	(200,000)
MRMD CORRIDOR IMPROVEMENTS (COTTEVILLE PKWY TO EDC)	CONSTRUCTION	20,000	-	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MCCLAY ROAD RESURFACING II (JUNGERMANN ROAD TO MCCLAY VALLEY)	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,335,400	1,068,320	267,080
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	UTILITY	20,000	19,200	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARROWHEAD IND.-SRR INTERSECTION	CONSTRUCTION	956,500	889,435	67,065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
WAYFINDING SIGNAGE	CONSTRUCTION	30,000	-	30,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUNGERMANN ROAD BRIDGE REPLACEMENT	CONSTRUCTION (BRM)	135,310	100,000	35,310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUNGS STATION ROAD RESURFACING	DESIGN	-	-	-	250,000	200,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-
JUNGS STATION ROAD RESURFACING	ROW	-	-	-	-	-	-	40,000	32,000	8,000	-	-	-	-	-	-	-	-	-
JUNGS STATION ROAD RESURFACING	CONSTRUCTION	-	-	-	-	-	-	180,000	144,000	36,000	-	-	-	1,725,000	1,380,000	345,000	-	-	-
CITYWIDE BRIDGE REHABILITATION	DESIGN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CITYWIDE BRIDGE REHABILITATION	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,800,000	1,728,000	72,000	-
ENHANCED CITY LIMIT SIGNS	CONSTRUCTION	8,025	-	8,025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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 - KIMBERLY LN/TOT LOT	CONSTRUCTION	6,700	-	6,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FLASHING LED PEDESTRIAN CROSSING SIGNS - WILLOTT RD/ENDWOOD	CONSTRUCTION	-	-	-	6,700	-	6,700	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD (LAKESIDE DR TO LOT 13 OF 370 LAKESIDE PARK)	DESIGN	95,000	-	95,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD (LAKESIDE DR TO LOT 13 OF 370 LAKESIDE PARK)	CONSTRUCTION	1,000,000	-	1,000,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALT LICK ROAD - GOLF/BANQUET CENTER ENTRANCE	CONSTRUCTION	515,000	-	515,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD @ 364 ENTRANCE MONUMENT	CONSTRUCTION	75,000	-	75,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRMD @ 170 ENTRANCE MONUMENT	CONSTRUCTION	150,000	-	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER RD EXTENSION (WEST END)	CONSTRUCTION	-	-	-	1,215,000	1,215,000	-	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD & PREMIER PKWY WEST TRANSPORTATION IMPROVEMENTS	CONSTRUCTION	512,300	409,840	102,460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD & PREMIER PKWY WEST TRANSPORTATION IMPROVEMENTS	CONSTRUCTION	200,000	160,000	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 1	DESIGN	307,970	236,375	71,595	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 1	DESIGN	-	-	-	350,000	280,000	70,000	-	-	-	-	-	-	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 1	CONSTRUCTION	-	-	-	-	-	-	-	-	2,954,800	2,848,320	106,480	-	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 2	DESIGN	-	-	-	-	-	-	1,000,000	980,000	20,000	-	-	-	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 2	ROW	10,000	8,000	2,000	-	-	-	-	-	-	220,000	215,600	4,400	-	-	-	-	-	-
SALT RIVER RD/MO 370 INTERCHANGE RAMP 2	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	12,830,650	12,574,035	256,615	-	-	-
MRMD MULTI-USE PATH EXTENSION (HWY N TO MO 364)	DESIGN	-	-	-	-	-	-	95,000	91,200	3,800	-	-	-	-	-	-	-	-	-
MRMD MULTI-USE PATH EXTENSION (HWY N TO MO 364)	ROW	-	-	-	-	-	-	-	-	-	15,000	14,400	600	-	-	-	-	-	-
MRMD MULTI-USE PATH EXTENSION (HWY N TO MO 364)	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	1,068,000	1,025,280	42,720	-	-	-
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	96,000	4,000	-
EXECUTIVE CENTRE BLVD GREAT STREET	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500,000	1,440,000	60,000
170 SDR ALIGNMENT STUDY (SALT LICK RD TO S GATTY DR)	CONSTRUCTION	-	-	-	-	-	-	750,000	600,000	150,000	-	-	-	-	-	-	-	-	-
JUNGERMANN ROAD SAFETY IMPROVEMENTS	CONSTRUCTION	-	-	-	176,000	138,000	38,000	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD RECONSTRUCTION	DESIGN	-	-	-	121,450	97,160	24,290	-	-	-	-	-	-	-	-	-	-	-	-
SPENCER ROAD RECONSTRUCTION	ROW	-	-	-	-	-	-	10,000	8,000	2,000	-	-	-	-	-	-	-	-	-
SPENCER ROAD RECONSTRUCTION	UTILITY	-	-	-	-	-	-	10,000	8,000	2,000	-	-	-	-	-	-	-	-	-
SPENCER ROAD RECONSTRUCTION	CONSTRUCTION	-	-	-	-	-	-	1,498,400	1,198,720	299,680	-	-	-	-	-	-	-	-	-
MEXICO ROAD SIDEWALK AND STABILIZATION	DESIGN	-	-	-	-	-	-	128,500	123,360	5,140	-	-	-	-	-	-	-	-	-
MEXICO ROAD SIDEWALK AND STABILIZATION	ROW	-	-	-	-	-	-	-	-	-	165,000	158,400	6,600	-	-	-	-	-	-
MEXICO ROAD SIDEWALK AND STABILIZATION	UTILITY	-	-	-	-	-	-	-	-	-	-	-	20,000	19,200	800	-	-	-	-
MEXICO ROAD SIDEWALK AND STABILIZATION	CONSTRUCTION	-	-	-	-	-	-	-	-	-	-	-	950,700	912,670	38,030	-	-	-	-
<b>GRAND TOTAL FUNDED ROAD AND SIGNAL PROJECTS</b>		<b>4,522,665</b>	<b>1,895,930</b>	<b>2,626,735</b>	<b>3,056,110</b>	<b>2,583,725</b>	<b>472,385</b>	<b>4,039,365</b>	<b>3,351,250</b>	<b>688,115</b>	<b>7,067,060</b>	<b>6,129,595</b>	<b>937,465</b>	<b>18,066,705</b>	<b>17,418,245</b>	<b>648,460</b>	<b>5,272,100</b>	<b>4,704,830</b>	<b>567,270</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	1,170,000	1,220,000	1,270,000	1,320,000	1,370,000	6,350,000	7,470,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	1,400,000	1,500,000	1,600,000	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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	75,000	75,000	75,000	75,000	75,000	75,000	375,000	450,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	375,000	375,000	375,000	375,000	375,000	375,000	1,875,000	2,250,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	180,000	300,000	200,000	200,000	200,000	200,000	1,100,000	1,280,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	161,000	0	242,000	335,000	99,000	837,000	1,057,000
<b>TOTAL</b>	220,000	161,000	0	242,000	335,000	99,000	837,000	1,057,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
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	55,000	0	0	0	0	0
318	¾-Ton	10	55,000	0	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	99,000
332	1-Ton	10	110,000	0	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	67,000	0	0
341	2-Ton	12	0	161,000	0	0	0	0
343	2-Ton	12	0	0	0	0	154,000	0
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	175,000	0	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	181,000	0
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>220,000</b>	<b>161,000</b>	<b>0</b>	<b>242,000</b>	<b>335,000</b>	<b>99,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	29,000	135,000	0	27,000	0	0	162,000	191,000
<b>TOTAL</b>	29,000	135,000	0	27,000	0	0	162,000	191,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
301	SUV	10	0	0	0	0	0	0
302	½-Ton	8	0	0	0	27,000	0	0
306	¼-Ton	10	29,000	0	0	0	0	0
335	1-Ton Bucket	10	0	0	0	0	0	0
338	1-Ton Bucket	10	0	135,000	0	0	0	0
		<b>TOTAL</b>	<b>29,000</b>	<b>135,000</b>	<b>0</b>	<b>27,000</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	549,000	317,500	48,500	90,000	175,000	196,000	827,000	1,376,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	549,000	317,500	48,500	90,000	175,000	196,000	827,000	1,376,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
Skid Steer	7	55,000	72,500	0	0	0	0
Large Pavement Mill	10	470,000	0	0	0	0	0
Power Box	15	0	0	0	0	0	0
Salt Brine Application System	15	24,000	0	0	0	0	0
Skid Steer Attachments	14-21	0	10,000	0	0	0	0
10-Ton Roller	15	0	200,000	0	0	0	0
Equipment Trailers	20	0	15,000	7,500	0	0	0
Loading Hopper	20	0	20,000	0	0	0	0
Joint and Crack Seal Machine	15	0	0	41,000	0	0	0
100-Ton Lowboy Trailer	20	0	0	0	90,000	0	0
Walk-Behind Paint Striper	10	0	0	0	0	0	0
7.5-Ton HVAC Unit	10	0	0	0	0	0	0
4 X 4 Backhoe with extended bucket	13-15	0	0	0	0	175,000	0
Mini rubber track excavator	14-16	0	0	0	0	0	196,000
	<b>TOTAL</b>	<b>549,000</b>	<b>317,500</b>	<b>48,500</b>	<b>90,000</b>	<b>175,000</b>	<b>196,000</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 stripers, one is 15 years old and the other is 8 years old. TDS utilizes paint stripers 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.
Mini rubber track excavator	The department operates a Kamatsu PCMR 78 rubber tracked mini excavator for excavation with the concrete crew and other projects. Current model is a 2007 expected useful life 13 to 15 years.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	30,000	0	0	0	0	30,000	30,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	12,500	0	0	0	0	0	0	12,500
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>12,500</b>	<b>30,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,000</b>	<b>42,500</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 2018/19 – 2023/24**

<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, pan/tilt/zoom cameras, communication equipment, battery backup systems, and controller cabinets. The replacements are performed based on useful life cycles and technology obsolescence.

The Traffic Department maintains 78 signalized intersections throughout the City of St. Peters. Five additional traffic signals will be added to the system in FY2019. The signals and related components range in age from 1 year to 30 years.

<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>	Incorporates new technology and prepares signal system for connected vehicle communication.
<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	160,000	160,000	175,000	175,000	190,000	190,000	890,000	1,050,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	160,000	160,000	175,000	175,000	190,000	190,000	890,000	1,050,000
<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**  
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**FY 2018/19 – 2023/24**

<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 owned high pressure sodium street lights with more energy efficient city owned LED street lights. The retrofit will save approximately \$21.71 per light per month in energy costs. In addition, converting to an LED light fixture is expected to reduce time required for annual lighting repair. The project is estimated to pay for itself in less than 10 years when accounting for savings from reduced energy cost and staff time required for repair.

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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

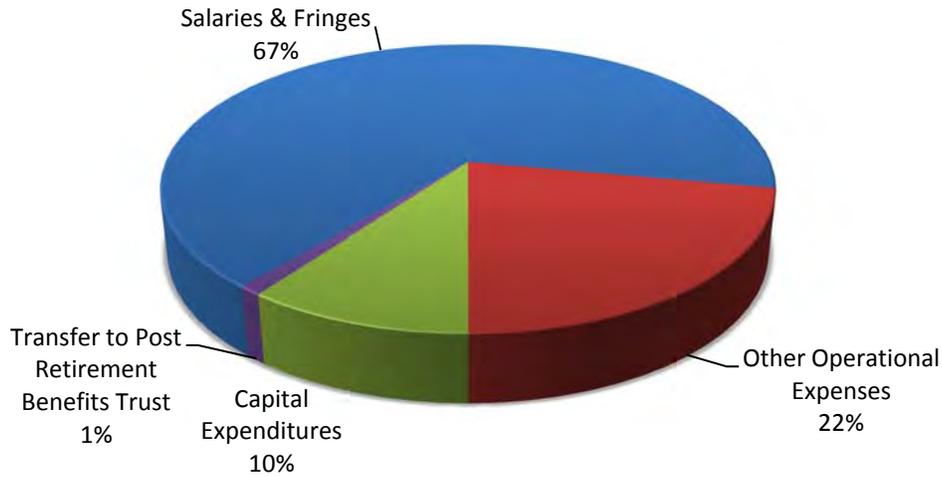


CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN

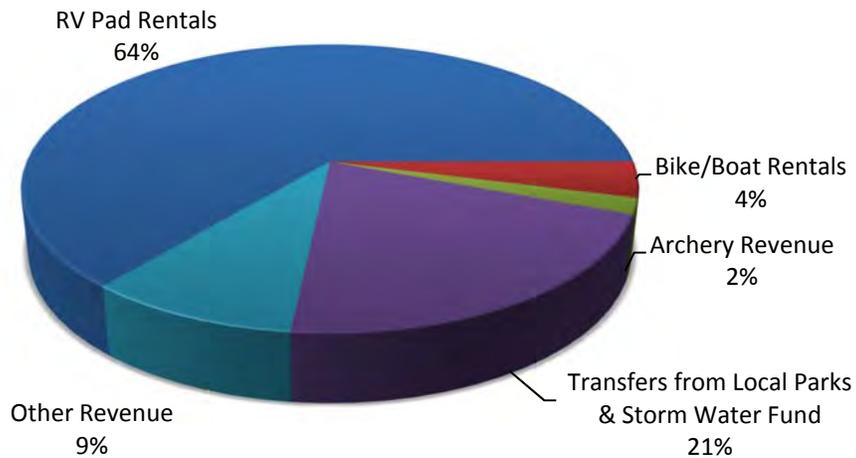
**370 LAKESIDE PARK FUND – CAPITAL PROJECT SUMMARY**

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 - \$5,745,800**



**Funding Sources - \$5,745,800**



<b>370 LAKESIDE PARK PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Vehicles	158,000	88,000	0	0	0	246,000
Rolling Stock	0	38,000	25,000	25,000	0	88,000
<b>Subtotal: Vehicles and Rolling Stock</b>	<b>158,000</b>	<b>126,000</b>	<b>25,000</b>	<b>25,000</b>	<b>0</b>	<b>334,000</b>
Dock for Rental Boats	0	0	40,000	0	0	40,000
Rental Building by Lakeside Pavilion and a Parking Lot Expansion	0	0	75,000	0	0	75,000
Cabin	0	0	0	0	50,000	50,000
Campground Store	0	0	0	0	75,000	75,000
Miscellaneous Items Under \$50,000	5,500	0	0	0	0	5,500
<b>Subtotal: Capital Improvement Projects</b>	<b>5,500</b>	<b>0</b>	<b>115,000</b>	<b>0</b>	<b>125,000</b>	<b>245,500</b>
<b>TOTAL 370 LAKESIDE PARK PROJECTS</b>	<b>\$163,500</b>	<b>\$126,000</b>	<b>\$140,000</b>	<b>\$25,000</b>	<b>\$125,000</b>	<b>\$579,500</b>

**Project Funding - 370 Lakeside Park Fund**

Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Fund Balance</b>	\$0	\$0	\$74,334	\$0	\$0	\$0	\$0	\$0
Transfer From Local Parks and Storm Water Fund	0	0	97,641	262,800	231,400	262,200	163,600	280,700
Add: Revenues	<u>0</u>	<u>781,967</u>	<u>798,600</u>	<u>874,300</u>	<u>892,200</u>	<u>909,000</u>	<u>926,100</u>	<u>943,500</u>
<b>Funds Available</b>	<b><u>0</u></b>	<b><u>781,967</u></b>	<b><u>970,575</u></b>	<b><u>1,137,100</u></b>	<b><u>1,123,600</u></b>	<b><u>1,171,200</u></b>	<b><u>1,089,700</u></b>	<b><u>1,224,200</u></b>
Less: Expenditures	0	707,633	970,575	1,127,100	1,112,600	1,159,200	1,076,700	1,210,200
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>	<b><u>0</u></b>	<b><u>707,633</u></b>	<b><u>970,575</u></b>	<b><u>1,127,100</u></b>	<b><u>1,112,600</u></b>	<b><u>1,159,200</u></b>	<b><u>1,076,700</u></b>	<b><u>1,210,200</u></b>
Transfer to Post Retirement Benefits Fund/Trust	<u>0</u>	<u>0</u>	<u>0</u>	<u>10,000</u>	<u>11,000</u>	<u>12,000</u>	<u>13,000</u>	<u>14,000</u>
<b>Ending Fund Balance</b>	<b><u>\$0</u></b>	<b><u>\$74,334</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><u>\$0</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
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<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	158,000	88,000	0	0	0	246,000	246,000
<b>TOTAL</b>	0	158,000	88,000	0	0	0	246,000	246,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
729	Lakeside 1-Ton	10	0	0	88,000	0	0	0
791	NEW 1-Ton – MOVED FROM PARKS		0	126,000	0	0	0	0
895	Ford SUV (Lakeside CSO)	9	0	32,000	0	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>158,000</b>	<b>88,000</b>	<b>0</b>	<b>0</b>	<b>0</b>



**CITY OF ST. PETERS**  
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**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	38,000	25,000	25,000	0	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	38,000	25,000	25,000	0	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	2019/20	2020/21	2021/22	2022/23	2023/24
Kubota RTV	10	0	0	18,000	0	0	0
New 72" ZTR Mower	7	0	0	0	25,000	0	0
Kubota RTV 900	10	0	0	20,000	0	0	0
Ferris ZTR Mower (LS)	5	0	0	0	0	25,000	0
Utility Work Vehicle		0	0	0	0	0	0
	<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>38,000</b>	<b>25,000</b>	<b>25,000</b>	<b>0</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.
Utility Work Vehicle	Maintenance crew will require an additional utility vehicle to perform day to day operations at Lakeside Park. The most versatile option would be a utility work vehicle that includes a dump body and front-end loader on a closed-cab utility.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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**  
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**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	Cabin
<b>PROJECT LOCATION</b>	370 Lakeside Park

**DESCRIPTION AND EXISTING CONDITION**

Install 1 Deluxe Cabin for rental opportunities. The park needs to increase revenue to sustain operations. Adding one cabin should generate revenue over \$15,000 annually. The infrastructure for one cabin exists.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Will provide a safe camping experience for customers.
<i>HEALTHY</i>	Will give residents more opportunities to enjoy healthy outdoor activities at 370 Lakeside Park.
<i>PROSPEROUS</i>	Will provide additional revenue opportunities for 370 Lakeside Park.
<i>SUSTAINABLE</i>	Will improve ability for 370 Lakeside park to cover its expenses and sustain operations.
<i>INNOVATIVE</i>	Will provide a modernized opportunity to enjoy outdoor environments.
<i>CONNECTED</i>	Will allow families more ways to spend time together in our parks.
<i>COMMUNITY</i>	Will give the community one more way to enjoy 370 Lakeside Park.
<i>Implications of deferring the project</i>	Unrealized revenue potential.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	50,000	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	0	0	50,000	50,000	50,000
<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 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	Campground Store
<b>PROJECT LOCATION</b>	370 Lakeside Park

**DESCRIPTION AND EXISTING CONDITION**

Purchase a mobile building to place by marina and move campground store operations to that area. All equipment rentals, day passes, merchandise sales, general info, and concession sales will occur at this new location. Will include public restrooms. Existing RV Check-in building will become the Park office for memberships and campers. Traffic volume for all these operations is too high to continue to occur at the existing location in the RV Check-in.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Would reduce traffic congestion at RV Check-in and eliminate staff having to constantly run from marina to current store.
<i>HEALTHY</i>	Would create a better work environment for staff, provide clean public restrooms for customers, expand healthy merchandise and activity options for customers.
<i>PROSPEROUS</i>	Will increase revenue by being more convenient and being in the hub of activity.
<i>SUSTAINABLE</i>	Will be mobile so it can be removed from the park in a flood situation.
<i>INNOVATIVE</i>	Will provide improved park operations with boat rentals, day passes, and merchandise sales.
<i>CONNECTED</i>	Will be located in the hub of activity and will reach more park patrons.
<i>COMMUNITY</i>	Will be attractive and will give residents a sense of pride in their community assets.
<i>Implications of deferring the project</i>	Continued choked and inefficient operations from too many things occurring in too small of a space, potential revenue lost.

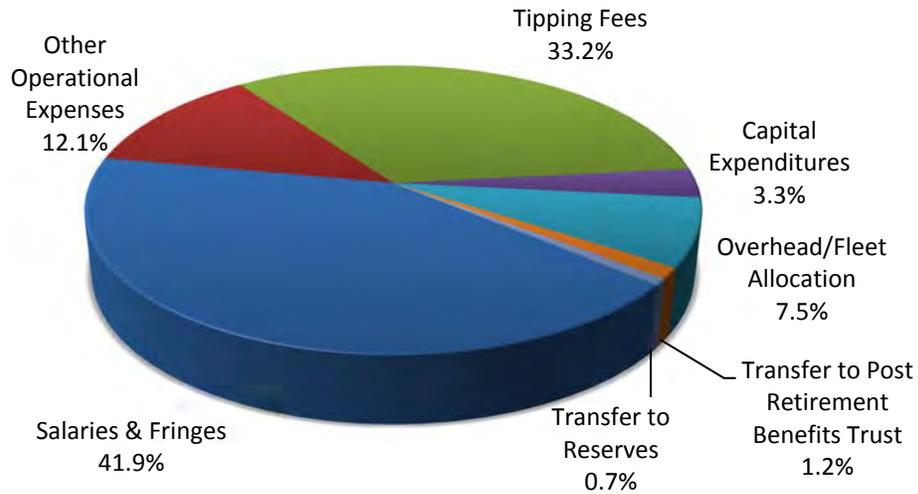
<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	75,000	75,000	75,000
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & 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	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



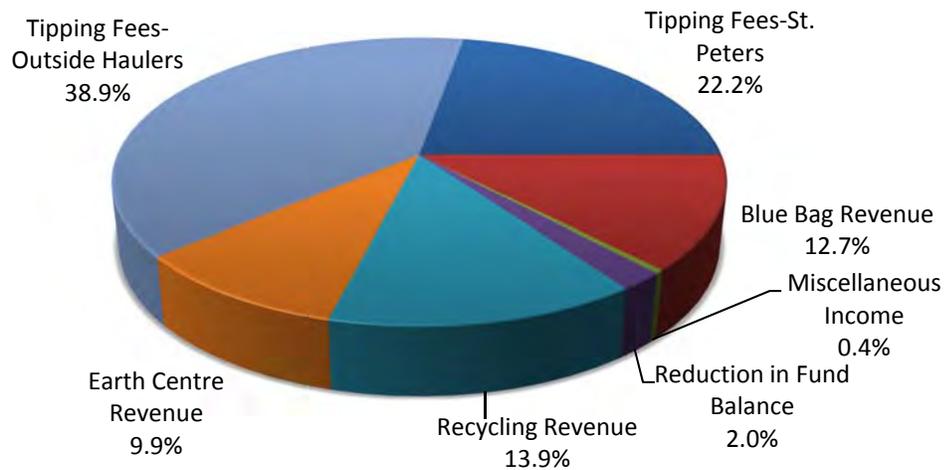
**CENTRAL MATERIALS PROCESSING FACILITY FUND – CAPITAL PROJECT SUMMARY**

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 - \$26,519,365**



**Funding Sources - \$26,519,365**



<b>CMPF FUND PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20– FY24 Total</b>
Vehicles	0	0	0	0	175,000	175,000
Rolling Stock and Equipment	18,000	269,000	0	240,000	0	527,000
Miscellaneous Items Under \$50,000	33,500	35,000	35,000	35,000	35,000	173,500
<b>Subtotal: CMPF Fund Projects</b>	<b>51,500</b>	<b>304,000</b>	<b>35,000</b>	<b>275,000</b>	<b>210,000</b>	<b>875,500</b>
<b>TOTAL CMPF FUND PROJECTS</b>	<b>\$51,500</b>	<b>\$304,000</b>	<b>\$35,000</b>	<b>\$275,000</b>	<b>\$210,000</b>	<b>\$875,500</b>

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

Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Fund Balance</b>	\$598,290	\$1,359,111	\$1,841,516	\$1,363,801	\$1,506,036	\$1,319,236	\$1,363,536	\$1,099,736
Add: Revenues	4,887,356	4,637,607	4,903,400	5,039,700	5,102,300	5,190,200	5,280,600	5,373,300
<b>Funds Available</b>	<u>5,485,646</u>	<u>5,996,718</u>	<u>6,744,916</u>	<u>6,403,501</u>	<u>6,608,336</u>	<u>6,509,436</u>	<u>6,644,136</u>	<u>6,473,036</u>
Less: Expenditures	3,757,635	3,802,202	4,892,315	4,401,365	4,790,100	4,643,900	5,039,200	5,133,900
<b>Total Expenses Before Transfers To Other Funds</b>	<u>3,757,635</u>	<u>3,802,202</u>	<u>4,892,315</u>	<u>4,401,365</u>	<u>4,790,100</u>	<u>4,643,900</u>	<u>5,039,200</u>	<u>5,133,900</u>
Overhead/Fleet Allocation	333,800	316,100	350,000	400,100	400,100	400,100	400,100	400,100
Transfer to Post Retirement Benefits Fund/Trust	35,100	36,900	38,800	57,000	59,900	62,900	66,100	69,500
Transfer to Reserves	<u>0</u>	<u>0</u>	<u>100,000</u>	<u>39,000</u>	<u>39,000</u>	<u>39,000</u>	<u>39,000</u>	<u>39,000</u>
<b>Ending Fund Balance</b>	<u>\$1,359,111</u>	<u>\$1,841,516</u>	<u>\$1,363,801</u>	<u>\$1,506,036</u>	<u>\$1,319,236</u>	<u>\$1,363,536</u>	<u>\$1,099,736</u>	<u>\$830,536</u>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	100,000	0	0	0	0	175,000	175,000	275,000
<b>TOTAL</b>	100,000	0	0	0	0	175,000	175,000	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	2019/20	2020/21	2021/22	2022/23	2023/24
969	2-Ton Roll-Off	15	0	0	0	0	0	175,000
972	2-Ton Yard Dog	15	100,000	0	0	0	0	0
		<b>TOTAL</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	400,000	18,000	269,000	0	240,000	0	509,000	909,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	400,000	18,000	269,000	0	240,000	0	509,000	909,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
Front Wheel John Deere (2008), Caterpillar (2013), Volvo (2016)	10,000 hours	0	0	225,000	0	240,000	0
Bobcat (B)/Forklift (F)	5 years	0	0	44,000 (B)	0	0	0
Conveyor Belt Replacement C-700		0	18,000	0	0	0	0
Baler Replacement	15 years	400,000	0	0	0	0	0
	<b>TOTAL</b>	<b>400,000</b>	<b>18,000</b>	<b>269,000</b>	<b>0</b>	<b>240,000</b>	<b>0</b>

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

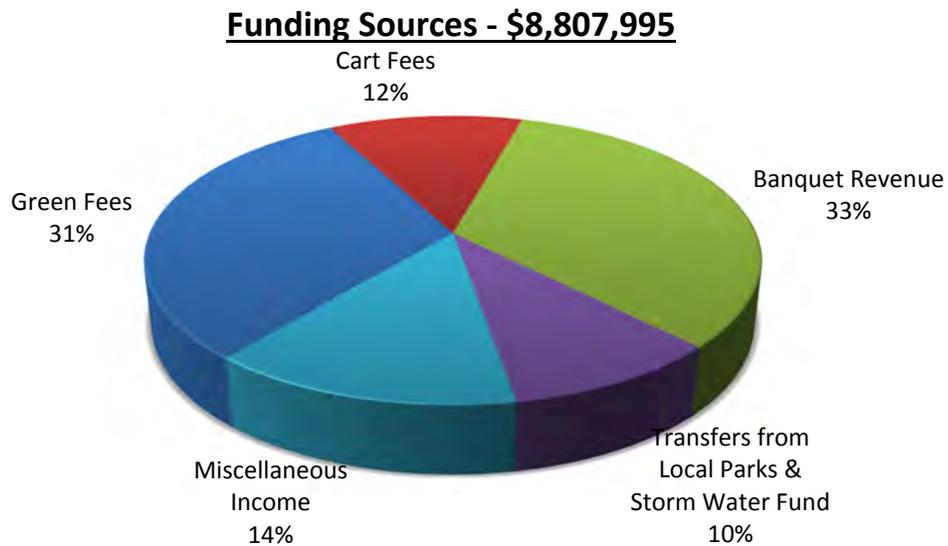
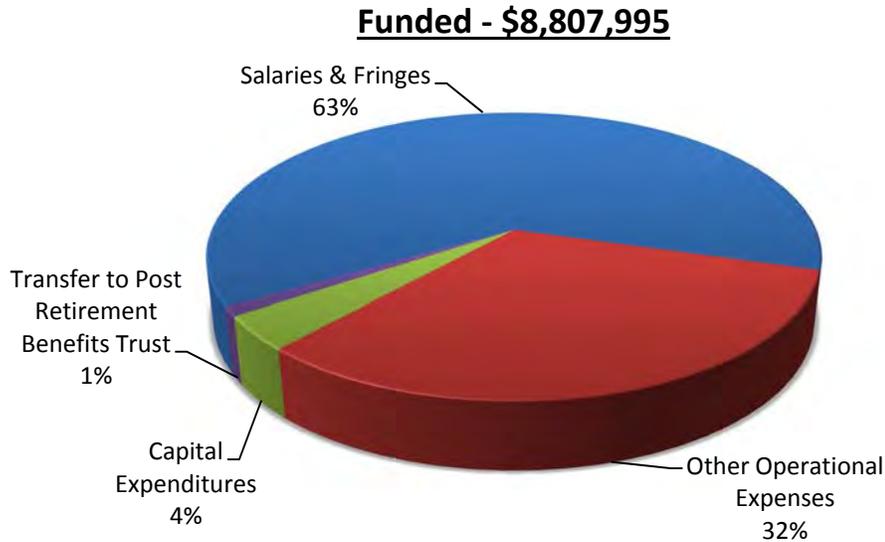
Description	Existing Condition
John Deere – 2008 Caterpillar – 2013 Volvo - 2016	John Deer Solid Rubber tire to be replaced in FY21. Will keep the Caterpillar (2013) to use during heavy flow and back up. Caterpillar (2013) Solid tire wheeled loader replaced in FY23. The purchase of a new Solid Rubber 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-700	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 over 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. The replacement of the Baler is in 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.



<b>GOLF &amp; BANQUET CENTER FUND PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Vehicles	0	0	0	25,000	0	25,000
Rolling Stock	0	47,000	0	185,000	31,000	263,000
<b>Subtotal: Vehicles and Rolling Stock</b>	<b>0</b>	<b>47,000</b>	<b>0</b>	<b>210,000</b>	<b>31,000</b>	<b>288,000</b>
Hole #1 Fairway Renovation	0	0	0	0	50,000	50,000
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>50,000</b>	<b>50,000</b>
<b>TOTAL GOLF &amp; BANQUET CENTER FUND PROJECTS</b>	<b>\$0</b>	<b>\$47,000</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$81,000</b>	<b>\$338,000</b>

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

Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Fund Balance</b>	\$0	\$0	\$4,778	\$0	\$0	\$0	\$0	\$0
Transfer From Local Parks and Storm Water Fund	0	210,000	624,062	259,395	88,250	55,800	281,600	170,600
Add: Revenues	0	<u>842,834</u>	<u>919,485</u>	<u>1,343,000</u>	<u>1,601,250</u>	<u>1,634,900</u>	<u>1,669,200</u>	<u>1,704,000</u>
<b>Funds Available</b>	<b>0</b>	<b><u>1,052,834</u></b>	<b><u>1,548,325</u></b>	<b><u>1,602,395</u></b>	<b><u>1,689,500</u></b>	<b><u>1,690,700</u></b>	<b><u>1,950,800</u></b>	<b><u>1,874,600</u></b>
Less: Expenditures	0	1,048,056	1,548,325	1,585,395	1,671,500	1,671,700	1,930,800	1,853,600
Transfer To(From) Reserves	0	0	0	0	0	0	0	0
<b>Total Expenses Before Transfers To Other Funds</b>	<b>0</b>	<b><u>1,048,056</u></b>	<b><u>1,548,325</u></b>	<b><u>1,585,395</u></b>	<b><u>1,671,500</u></b>	<b><u>1,671,700</u></b>	<b><u>1,930,800</u></b>	<b><u>1,853,600</u></b>
Transfer to Post Retirement Benefits Fund/Trust	0	0	0	<u>17,000</u>	<u>18,000</u>	<u>19,000</u>	<u>20,000</u>	<u>21,000</u>
<b>Ending Fund Balance</b>	<b><u>\$0</u></b>	<b><u>\$4,778</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><u>\$0</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	104,000	0	0	0	25,000	0	25,000	129,000
<b>TOTAL</b>	104,000	0	0	0	25,000	0	25,000	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	2019/20	2020/21	2021/22	2022/23	2023/24
NEW	1-Ton Dump	10	104,000	0	0	0	0	0
NEW	SUV Clubhouse		0	0	0	0	25,000	0
		<b>TOTAL</b>	<b>104,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25,000</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	70,000	0	47,000	0	185,000	31,000	263,000	333,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	70,000	0	47,000	0	185,000	31,000	263,000	333,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
Greens Aerator	7	40,000	0	0	0	0	0
Greens Roller (Stand Alone Unit)	7	15,000	0	0	0	0	0
Sandpro	7	15,000	0	0	0	0	0
Riding Greens Mower	5	0	0	40,000	0	0	0
Verticutter Attachment	7	0	0	7,000	0	0	0
Fairway Mower	7	0	0	0	0	40,000	0
Surrounds Mower	7	0	0	0	0	30,000	0
Maintenance Utility Vehicle (4)	7	0	0	0	0	30,000	0
Maintenance Gators (2)	10	0	0	0	0	20,000	0
Turbine Blower	7	0	0	0	0	10,000	0
Self-contained Sprayer	7	0	0	0	0	45,000	0
Walk-behind Landscape Mower (2)	7	0	0	0	0	10,000	0
Rotary Brush Mower	7	0	0	0	0	0	10,000
Sod Cutter	7	0	0	0	0	0	10,000
Walking Greens Mower	7	0	0	0	0	0	11,000
	<b>TOTAL</b>	<b>70,000</b>	<b>0</b>	<b>47,000</b>	<b>0</b>	<b>185,000</b>	<b>31,000</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.
Rotary Brush Mower	Existing unit was purchased in FY17 and will reach life expectancy in FY24. This unit is responsible for brushing in sand that is applied to the greens after topdressing.
Sod Cutter	Existing unit was purchased in FY17 and will reach life expectancy in FY24. This unit has done a ton of sod replacement due to the December 2015 Flood.
Walking Greens Mower	Existing unit was purchased in FY17 and will reach life expectancy in FY24. This unit is responsible for cutting greens when conditions are extra hot or wet.



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	Hole #1 Fairway Renovation
<b>PROJECT LOCATION</b>	Golf Course

**DESCRIPTION AND EXISTING CONDITION**

The first hole of a golf course serves as the first impression. Hole #1 fairway desperately needs an overhaul in regards to grading, drainage, and irrigation. Currently, the 1<sup>st</sup> fairway is full of large potholes, inefficient drainage, and band-aided irrigation mainly due to decades worth of flooding. This project may potentially partner with an outer road extension by MoDot.

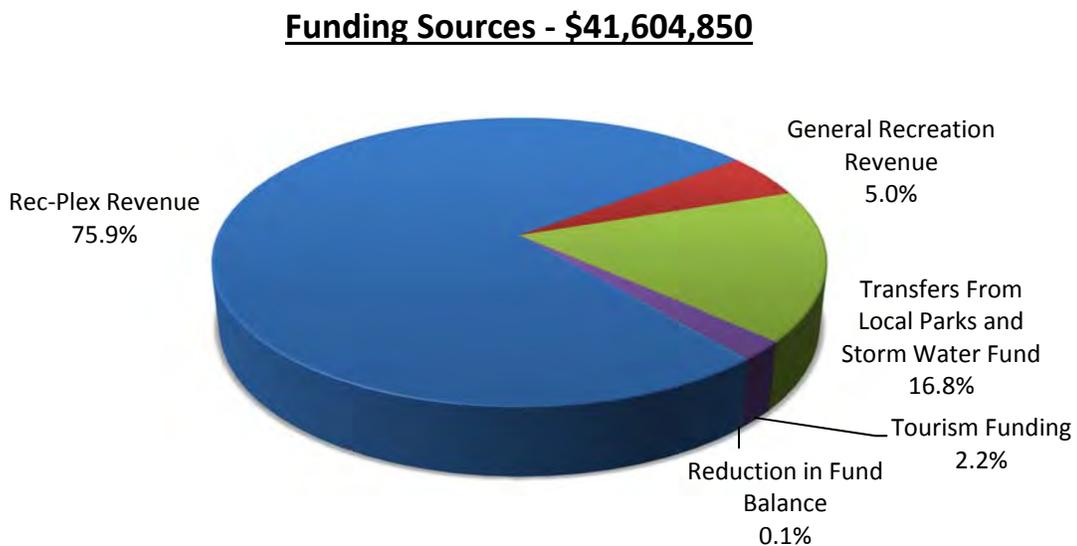
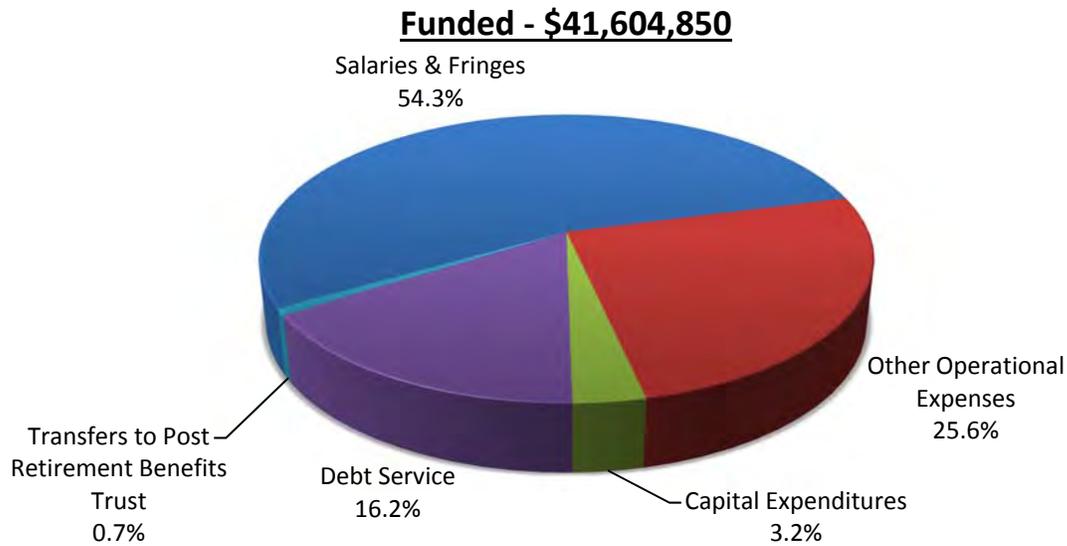
<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	Provide a safer walk/drive for customers.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	Strengthen the infrastructure of Hole #1 Fairway for future flood events.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	Potentially relocate #1 Fairway to make room for outer road expansion.
<i>COMMUNITY</i>	Improvements to the Fairway will allow our customers greater opportunities to enjoy outdoor recreation and safe travel routes.
<i>Implications of deferring the project</i>	Hole #1 Fairway continues to deteriorate creating more safety concerns, poor playing conditions, and the first impression of the golf course worsens.

<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	50,000	50,000	50,000
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	0	0	0	0	50,000	50,000	50,000
<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  
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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Vehicles	28,000	0	51,000	33,000	0	112,000
Subtotal: Vehicles	28,000	0	51,000	33,000	0	112,000
Facility Improvements – Rec-Plex	0	200,000	0	0	0	200,000
Facility Improvements – Rec-Plex Natatorium	735,000	0	0	0	0	735,000
Rec-Plex Ice Plant Replacement Design & Eng.	250,000	0	0	0	0	250,000
Subtotal: Rec-Plex Projects	985,000	200,000	0	0	0	1,185,000
Miscellaneous Items Under \$50,000	41,000	0	0	0	0	41,000
Subtotal: Other	41,000	0	0	0	0	41,000
<b>TOTAL RECREATION FUND PROJECTS</b>	<b>\$1,054,000</b>	<b>\$200,000</b>	<b>\$51,000</b>	<b>\$33,000</b>	<b>\$0</b>	<b>\$1,338,000</b>

## Project Funding - Recreation Fund

### Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Fund Balance</b>	<b>\$106,034</b>	<b>\$79,961</b>	<b>\$39,974</b>	<b>\$62,604</b>	<b>\$15,404</b>	<b>\$30,104</b>	<b>\$13,354</b>	<b>\$20,054</b>
Transfer From General Fund	183,112	182,509	180,000	180,000	180,000	180,000	180,000	180,000
Transfer From Local Parks and Storm Water Fund	750,000	1,546,000	1,450,000	2,175,000	1,300,000	1,175,000	1,150,000	1,200,000
Add: REC-PLEX Revenue	5,293,426	5,276,834	5,658,450	5,892,250	6,153,400	6,300,650	6,544,500	6,676,000
General Recreation Revenue	313,026	212,067	403,500	413,300	416,400	419,700	423,000	426,300
Golf Course Revenue	814,509	0	0	0	0	0	0	0
370 Lakeside Park Revenue	<u>718,586</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Revenue	7,139,547	5,488,901	6,061,950	6,305,550	6,569,800	6,720,350	6,967,500	7,102,300
<b>Funds Available</b>	<b><u>8,178,693</u></b>	<b><u>7,297,371</u></b>	<b><u>7,731,924</u></b>	<b><u>8,723,154</u></b>	<b><u>8,065,204</u></b>	<b><u>8,105,454</u></b>	<b><u>8,310,854</u></b>	<b><u>8,502,354</u></b>
Less: REC-PLEX Expense	4,966,316	5,334,372	5,743,400	6,680,330	5,987,500	6,026,000	6,203,000	6,368,700
General Recreation Expense	357,580	523,522	526,820	622,920	638,900	658,600	678,800	698,300
Golf Course Expense	886,862	0	0	0	0	0	0	0
370 Lakeside Park Expense	485,677	0	0	0	0	0	0	0
Debt Service	1,350,897	1,350,803	1,348,000	1,350,500	1,352,000	1,348,000	1,346,500	1,346,500
Transfer To(From) Reserves	<u>5,000</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>8,052,332</u></b>	<b><u>7,208,697</u></b>	<b><u>7,618,220</u></b>	<b><u>8,653,750</u></b>	<b><u>7,978,400</u></b>	<b><u>8,032,600</u></b>	<b><u>8,228,300</u></b>	<b><u>8,413,500</u></b>
Transfer to Post Retirement Benefits Fund/Trust	<u>46,400</u>	<u>48,700</u>	<u>51,100</u>	<u>54,000</u>	<u>56,700</u>	<u>59,500</u>	<u>62,500</u>	<u>65,600</u>
<b>Ending Fund Balance</b>	<b><u>\$79,961</u></b>	<b><u>\$39,974</u></b>	<b><u>\$62,604</u></b>	<b><u>\$15,404</u></b>	<b><u>\$30,104</u></b>	<b><u>\$13,354</u></b>	<b><u>\$20,054</u></b>	<b><u>\$23,254</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	28,000	0	51,000	33,000	0	112,000	112,000
<b>TOTAL</b>	0	28,000	0	51,000	33,000	0	112,000	112,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
804	Rec-Plex Chevy Cobalt -> Pickup Truck	10	0	28,000	0	0	0	0
805	Rec-Plex ¾-Ton	10	0	0	0	51,000	0	0
806	Rec-Plex Building Repair Van	10	0	0	0	0	33,000	0
807	Rec-Plex Building Repair Van	10	0	0	0	0	0	0
		<b>TOTAL</b>	<b>0</b>	<b>28,000</b>	<b>0</b>	<b>51,000</b>	<b>33,000</b>	<b>0</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	175,000	0	200,000	0	0	0	200,000	375,000
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>	175,000	0	200,000	0	0	0	200,000	375,000
<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 2018/19 – 2023/24**

<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.

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

\$285,000 – Re-Plaster 50M Pool

\$125,000 – Replace sound system with current design; \$75,000 – Replace moveable floor slats

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 its 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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	735,000	0	0	0	0	735,000	735,000
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	735,000	0	0	0	0	735,000	735,000
<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 2018/19 – 2023/24**

<b>FUND</b>	Recreation
<b>DEPARTMENT</b>	Ice Rink

<b>PROJECT TITLE</b>	Rec-Plex Ice Plant Replacement Design and Engineering
<b>PROJECT LOCATION</b>	Rec-Plex

**DESCRIPTION AND EXISTING CONDITION**

R-22 refrigerant has been the most popular refrigerant used in the ice rink application, however R-22 is a synthetic refrigerant and its high ozone depleting potential is harmful to the environment. In 2020 R-22 production and importation in the U.S. will be halted all together although R-22 can still be used beyond 2020 for several years while supplies last. The Rec-Plex has one NHL sized ice rink that is 24 years old with a life span of 25 to 30 years. It is recommended an R-22 replacement be designed and engineered and a plan in place for construction.

<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>	Replace the R-22, which is harmful to the environment, with more environmentally friendly, energy efficient ice plant system.
<i>INNOVATIVE</i>	State of the art ice plant system which will reduce energy and maintenance cost.
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<i>Implications of deferring the project</i>	As R-22 supplies decreases, cost will increase. The ice plant system is reaching the end of its normal life span and maintenance cost will continue to increase.

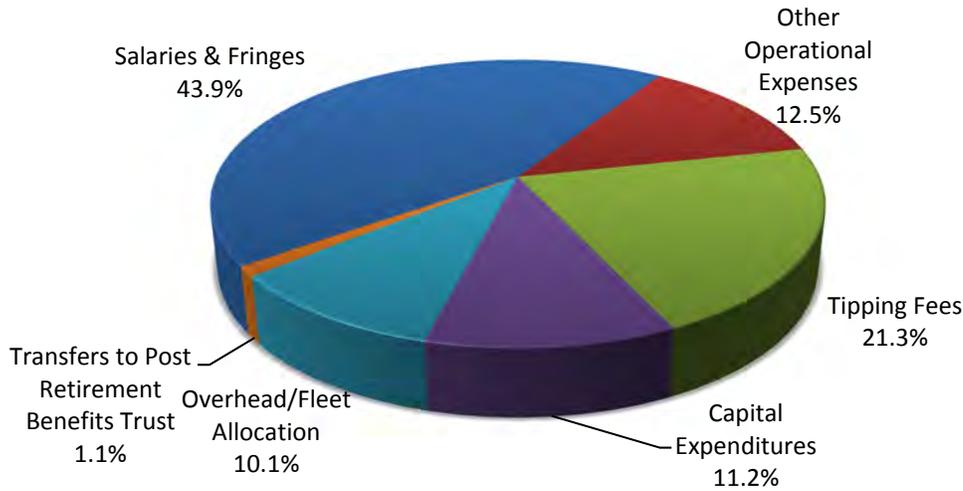
<b>CAPITAL COSTS</b>	<b>Current Year</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	0	0	0	0	0	0	0
Building & Improvements	0	0	0	0	0	0	0	0
Furniture & Fixtures	0	0	0	0	0	0	0	0
Machinery & Equipment	0	250,000	0	0	0	0	250,000	250,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	0	250,000	0	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



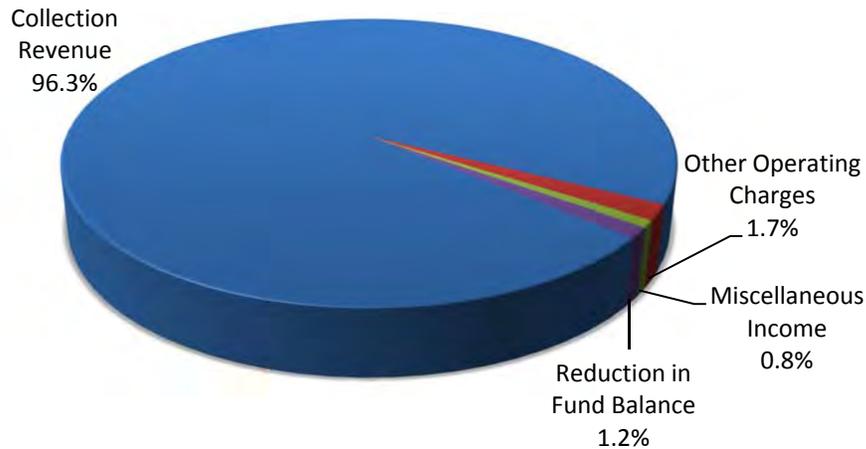
**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**SOLID WASTE FUND – CAPITAL PROJECT SUMMARY**

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 - \$34,404,720**



**Funding Sources - \$34,404,720**



<b>SOLID WASTE FUND PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Vehicles	288,000	863,000	354,000	665,000	968,000	3,138,000
Containers	305,000	134,000	20,000	50,000	77,000	586,000
Miscellaneous Items Under \$50,000	0	30,000	30,000	30,000	30,000	120,000
<b>Subtotal: Solid Waste Fund Projects</b>	<b>593,000</b>	<b>1,027,000</b>	<b>404,000</b>	<b>745,000</b>	<b>1,075,000</b>	<b>3,844,000</b>
<b>TOTAL SOLID WASTE FUND PROJECTS</b>	<b>\$593,000</b>	<b>\$1,027,000</b>	<b>\$404,000</b>	<b>\$745,000</b>	<b>\$1,075,000</b>	<b>\$3,844,000</b>

## Project Funding - Solid Waste Fund

### Projected Fund Activity

	ACTUAL 2016/17	ACTUAL 2017/18	REVISED BUDGET 2018/19	PROPOSED BUDGET 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
<b>Beginning Fund Balance</b>	\$1,889,878	\$1,214,317	\$1,695,725	\$1,149,025	\$1,310,705	\$1,009,205	\$1,294,805	\$1,199,405
Add: Revenues	6,128,413	6,388,326	6,340,900	6,547,200	6,669,900	6,794,800	6,922,300	7,052,600
<b>Funds Available</b>	<b><u>8,018,291</u></b>	<b><u>7,602,643</u></b>	<b><u>8,036,625</u></b>	<b><u>7,696,225</u></b>	<b><u>7,980,605</u></b>	<b><u>7,804,005</u></b>	<b><u>8,217,105</u></b>	<b><u>8,252,005</u></b>
Less: Expenditures	5,535,774	5,011,318	6,019,000	5,623,720	6,206,100	5,740,200	6,244,800	6,743,900
Transfer To(From) Reserves	<u>500,000</u>	<u>125,000</u>	<u>125,000</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>	<b><u>6,035,774</u></b>	<b><u>5,136,318</u></b>	<b><u>6,144,000</u></b>	<b><u>5,623,720</u></b>	<b><u>6,206,100</u></b>	<b><u>5,740,200</u></b>	<b><u>6,244,800</u></b>	<b><u>6,743,900</u></b>
Overhead/Fleet Allocation	721,300	721,300	691,800	692,800	692,800	692,800	692,800	692,800
Transfer to Post Retirement Benefits Fund/Trust	<u>46,900</u>	<u>49,300</u>	<u>51,800</u>	<u>69,000</u>	<u>72,500</u>	<u>76,200</u>	<u>80,100</u>	<u>84,200</u>
<b>Ending Fund Balance</b>	<b><u>\$1,214,317</u></b>	<b><u>\$1,695,725</u></b>	<b><u>\$1,149,025</u></b>	<b><u>\$1,310,705</u></b>	<b><u>\$1,009,205</u></b>	<b><u>\$1,294,805</u></b>	<b><u>\$1,199,405</u></b>	<b><u>\$731,105</u></b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	566,000	288,000	863,000	354,000	665,000	968,000	3,138,000	3,704,000
<b>TOTAL</b>	566,000	288,000	863,000	354,000	665,000	968,000	3,138,000	3,704,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
906	¾-Ton Truck	8	0	0	0	0	0	0
911	¾-Ton Truck	10	0	0	0	49,000	0	0
916	¾-Ton Truck	10	46,000	0	0	0	0	0
931	1-Ton Truck	10	0	0	57,000	0	0	0
940	Automated Side Loader Trash Truck	8	0	0	297,000	0	0	0
941	Automated Side Loader Trash Truck	8	0	288,000	0	0	0	0
942	Automated Side Loader Trash Truck	8	0	0	0	0	0	0
943	Automated Side Loader Trash Truck	8	0	0	0	0	0	324,000
944	Automated Side Loader Trash Truck	8	0	0	0	0	0	324,000
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	305,000	0	0
964	Automated Side Loader Trash Truck	8	0	0	0	0	315,000	0
967	Automated Side Loader Trash Truck	8	330,000	0	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	350,000	0
946	Front Loader Trash Truck	6	0	0	299,000	0	0	0
966	Front Loader Trash Truck	6	0	0	0	0	0	320,000
953	OCC Rear Loader Truck	15	0	0	0	0	0	0
956	OCC Rear Loader Truck	18	0	0	210,000	0	0	0
951	Bulky Trash Truck	10	0	0	0	0	0	0
X7	Bulky Trash Truck	10	190,000	0	0	0	0	0
959	Bulky Trash Truck	8	0	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>566,000</b>	<b>288,000</b>	<b>863,000</b>	<b>354,000</b>	<b>665,000</b>	<b>968,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	198,000	305,000	134,000	20,000	50,000	77,000	586,000	784,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	198,000	305,000	134,000	20,000	50,000	77,000	586,000	784,000
<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 Containers Replacement Schedule:**

Description	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
Metal and/or Plastic Containers MFL, Commercial	10,000	10,000	30,000	20,000	20,000	20,000
Roll-Off Containers	10,000	15,000	0	0	10,000	10,000
Recycling Containers (300 gallon)	20,000	0	20,000	0	20,000	0
60 & 90 Gallon Containers	126,000	280,000	40,000	0	0	0
Yard Waste Containers	32,000	0	44,000	0	0	47,000
<b>TOTAL</b>	<b>198,000</b>	<b>305,000</b>	<b>134,000</b>	<b>20,000</b>	<b>50,000</b>	<b>77,000</b>

**Solid Waste Department Containers Existing Condition:**

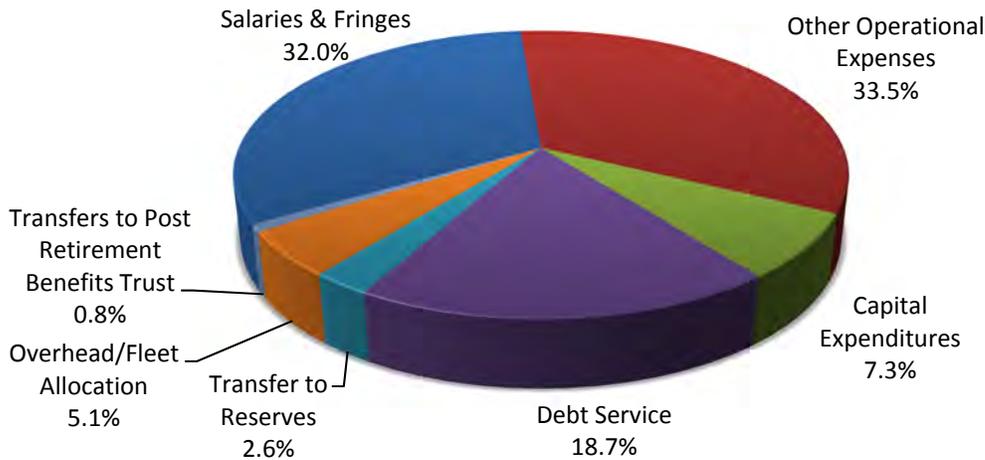
Description	Existing Condition
Metal and/or Plastic Containers MFL, Commercial	Purchase 2, 4, 6, and 8 cubic yard containers for use with multi-family and commercial collection.
Roll-Off Containers	Purchase 20, 30, and 40 cubic yard roll-off containers, including receiver boxes to supplement existing inventory.
Recycling Containers (300 gallon)	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. Based on 40% participation rate from St. Peters and Cottleville residents in the Blue Cart Crew Program.
Yard Waste Containers	Purchase 100 gallon vented yard waste containers for automated yard waste collection.



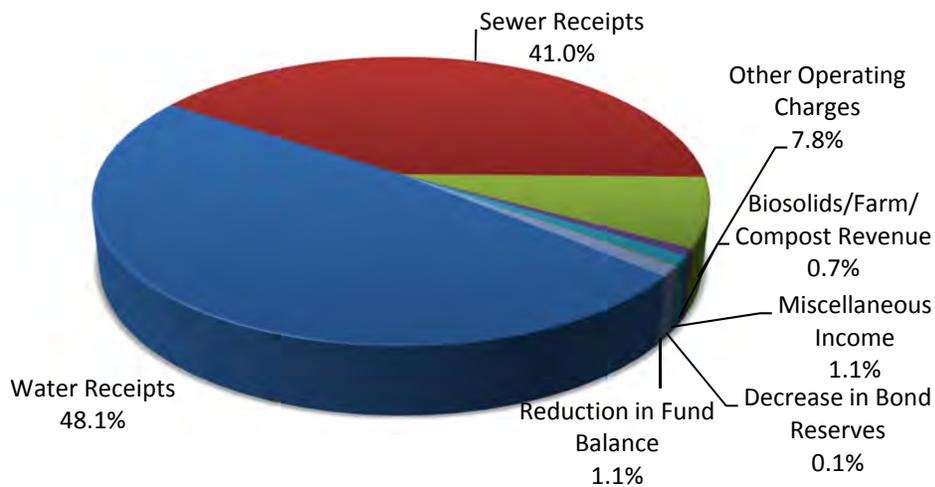
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
WATER/SEWER FUND – CAPITAL PROJECT SUMMARY**

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 - \$75,741,925**



**Funding Sources - \$75,741,925**



<b>WATER/SEWER FUND PROJECTS SUMMARY</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY20 – FY24 Total</b>
Vehicles	447,000	108,000	325,000	94,000	64,000	1,038,000
Rolling Stock and Equipment	273,380	470,500	120,400	777,000	415,000	2,056,280
Water Meter Replacement Program	400,000	400,000	400,000	400,000	400,000	2,000,000
Water and Wastewater Plants Road Replacement	80,000	80,000	80,000	80,000	80,000	400,000
<b>Subtotal: Water/Sewer Capital</b>	<b>1,200,380</b>	<b>1,058,500</b>	<b>925,400</b>	<b>1,351,000</b>	<b>959,000</b>	<b>5,494,280</b>
Sanitary Sewer Rehabilitation or Replacement	475,000	600,000	625,000	625,000	625,000	2,950,000
Other Water/Sewer Utility System Maintenance	665,500	730,500	719,500	730,500	719,500	3,565,500
<b>Subtotal: Water/Sewer Major Maintenance</b>	<b>1,140,500</b>	<b>1,330,500</b>	<b>1,344,500</b>	<b>1,355,500</b>	<b>1,344,500</b>	<b>6,515,500</b>
<b>TOTAL WATER/SEWER FUND PROJECTS</b>	<b>\$2,340,880</b>	<b>\$2,389,000</b>	<b>\$2,269,900</b>	<b>\$2,706,500</b>	<b>\$2,303,500</b>	<b>\$12,009,780</b>

## Project Funding - Water/Sewer Fund

### Projected Fund Activity

	8.5%	3.5%	3.5%	3.5%	6.0%	6.0%	6.0%	6.0%
	ACTUAL	ACTUAL	REVISED	PROPOSED	Projected	Projected	Projected	Projected
	2016/17	2017/18	BUDGET	BUDGET	2020/21	2021/22	2022/23	2023/24
			2018/19	2019/20				
<b>Beginning Contingency Fund</b>	<b>\$1,220,046</b>	<b>\$1,826,315</b>	<b>\$2,159,450</b>	<b>\$2,478,097</b>	<b>\$1,577,722</b>	<b>\$817,813</b>	<b>\$653,682</b>	<b>\$632,476</b>
Beginning Interest Reserve Fund	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Add: Revenues	<u>12,329,101</u>	<u>12,648,185</u>	<u>13,487,860</u>	<u>13,431,300</u>	<u>14,161,900</u>	<u>14,931,000</u>	<u>15,739,200</u>	<u>16,596,000</u>
<b>Funds Available</b>	<b><u>14,049,147</u></b>	<b><u>14,974,500</u></b>	<b><u>16,147,310</u></b>	<b><u>16,409,397</u></b>	<b><u>16,239,622</u></b>	<b><u>16,248,813</u></b>	<b><u>16,892,882</u></b>	<b><u>17,728,476</u></b>
Less: Operating Expenses	7,756,376	8,211,001	8,912,875	9,348,145	9,713,500	9,951,400	10,194,400	10,423,000
Capital Expenditures	594,086	716,807	825,000	1,200,380	1,058,500	925,400	1,351,000	959,000
Increase In Bond Reserves	27,941	21,063	7,688	7,250	4,109	8,531	(67,594)	4,300
Debt Service	2,493,129	2,542,879	2,586,750	2,602,500	2,617,000	2,625,500	2,642,500	2,507,000
New Bond Issue (Debt Service)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>300,000</u>	<u>300,000</u>	<u>300,000</u>	<u>300,000</u>
<b>Total Expenses Before Transfers To Other Funds</b>	<b><u>10,871,532</u></b>	<b><u>11,491,750</u></b>	<b><u>12,332,313</u></b>	<b><u>13,158,275</u></b>	<b><u>13,693,109</u></b>	<b><u>13,810,831</u></b>	<b><u>14,420,306</u></b>	<b><u>14,193,300</u></b>
Administration/Fleet Overhead	773,000	741,000	750,400	768,400	768,400	768,400	768,400	768,400
Transfer to Post Retirement Benefits Fund/Trust	78,300	82,300	86,500	105,000	110,300	115,900	121,700	127,800
Transfer to/(from) Reserves	0	0	0	300,000	350,000	400,000	450,000	500,000
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>\$1,826,315</u></b>	<b><u>\$2,159,450</u></b>	<b><u>\$2,478,097</u></b>	<b><u>\$1,577,722</u></b>	<b><u>\$817,813</u></b>	<b><u>\$653,682</u></b>	<b><u>\$632,476</u></b>	<b><u>\$1,638,976</u></b>
Test Bond Issue Requirements								
Revenue	12,329,101	12,648,185	13,487,860	13,431,300	14,161,900	14,931,000	15,739,200	16,596,000
Less Grant Revenue	0	0	0	0	0	0	0	0
Less Operating Expenses	(8,607,676)	(9,034,301)	(9,749,775)	(10,221,545)	(10,592,200)	(10,835,700)	(11,084,500)	(11,319,200)
Net Revenue	3,721,425	3,613,884	3,738,085	3,209,755	3,569,700	4,095,300	4,654,700	5,276,800
From Interest Reserve Fund	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Total	4,221,425	4,113,884	4,238,085	3,709,755	4,069,700	4,595,300	5,154,700	5,776,800
NEED 1.0	1.49	1.42	1.45	1.23	1.22	1.40	1.58	1.88
NEED 1.25	1.69	1.62	1.64	1.43	1.40	1.57	1.75	2.06



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	185,000	447,000	108,000	325,000	94,000	64,000	1,038,000	1,223,000
<b>TOTAL</b>	185,000	447,000	108,000	325,000	94,000	64,000	1,038,000	1,223,000
<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	2019/20	2020/21	2021/22	2022/23	2023/24
KG4-X73	SUV	7	0	0	0	0	29,000	0
401	½-Ton	8	0	0	0	0	0	0
403	½-Ton	8	0	0	0	0	0	0
409	¾-Ton	8	0	0	0	0	0	64,000
410	½-Ton	8	0	0	27,000	0	0	0
411	SUV	8	0	0	26,000	0	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
NEW	½-Ton	8	0	33,000	0	0	0	0
415	¼-Ton	8	0	0	0	0	36,000	0
416	¼-Ton	8	0	0	0	0	29,000	0
417	¼-Ton	8	25,000	0	0	0	0	0
418	¼-Ton	8	0	0	0	0	0	0
419	¾-Ton	10	0	50,000	0	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	55,000	0	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	30,000	0	0	0	0	0
438	1-Ton -> 2-Ton Crane	10	0	0	0	0	0	0
439	1-Ton -> 2-Ton Crane	10	130,000	0	0	0	0	0
441	2-Ton Dump	12	0	170,000	0	0	0	0
445	Vacuum Truck	10	0	0	0	0	0	0
450	5-Ton Tandem	15	0	194,000	0	0	0	0
451	Crane Truck	15	0	0	0	0	0	0
NEW	Hydro Excavator	15	0	0	0	325,000	0	0
		<b>TOTAL</b>	<b>185,000</b>	<b>447,000</b>	<b>108,000</b>	<b>325,000</b>	<b>94,000</b>	<b>64,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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, 9 wells, 5 booster stations, a 9.5 mgd wastewater treatment plant, 13 sanitary sewer lift stations, 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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	240,000	273,380	470,500	120,400	777,000	415,000	2,056,280	2,296,280
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	240,000	273,380	470,500	120,400	777,000	415,000	2,056,280	2,296,280
<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	2019/20	2020/21	2021/22	2022/23	2023/24
Mini Excavator	10	0	0	60,000	0	0	0
Small Excavator	10	95,000	0	0	0	0	0
Rubber-Tired Loader	7	0	0	240,000	0	0	240,000
Tub Grinder	7	0	0	0	0	500,000	0
Compost Mixer	12	0	120,000	0	0	0	0
Topsoil Screener		60,000	0	0	0	0	0
Trailer Replacement		16,000	0	0	0	0	0
S185 Skid Steer		0	0	0	40,000	0	0
RTV	8	0	0	0	0	21,000	0
Compact Loader (Water Crew)		0	0	0	0	0	30,000
Water System Equipment Replacement/Upgrades		0	5,000	14,000	14,000	25,000	0
Sanitary System Equipment Replacement/Upgrades		0	109,000	106,500	16,400	181,000	95,000
Miscellaneous Items Under \$50,000		69,000	39,380	50,000	50,000	50,000	50,000
	<b>TOTAL</b>	<b>240,000</b>	<b>273,380</b>	<b>470,500</b>	<b>120,400</b>	<b>777,000</b>	<b>415,000</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 2010 Earth Centre loader in FY20 and 2014 loader in FY23 in normal replacement cycle near 12,000 hours of running time. These loaders are 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.
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.
RTV	Replace 2015 RTV used for on-site Wastewater Treatment Plant Operator.
Compact Loader (Water Crew)	Replace 2016 Compact Loader used on Water Crew.
Water System Equipment Replacement/Upgrades	Replace pumps that have reached end of life at the Water Treatment Plant, Booster Stations, and Wells
Sanitary System Equipment Replacement/Upgrades	Replace pumps that have reached end of life at the Waste Water Treatment Plant and Sanitary Pump Stations
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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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	400,000	400,000	400,000	400,000	400,000	400,000	2,000,000	2,400,000
Computer Equipment	0	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0	0
<b>TOTAL</b>	400,000	400,000	400,000	400,000	400,000	400,000	2,000,000	2,400,000
<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 2018/19 – 2023/24**

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

<b>PROJECT TITLE</b>	Water and Wastewater Plants Road Replacement
<b>PROJECT LOCATION</b>	Water and Wastewater Plant

**DESCRIPTION AND EXISTING CONDITION**

This project involves the replacement of all the roads, parking, and storage areas at the water and wastewater plants to provide safe ingress/egress for this facility. The existing pavement is deteriorated and in need of replacement to continue to provide safe driving and walking conditions around the Water and Waste Water Treatment Plants.

<b>VISION 2025 PRIORITY</b>	<b>IMPACT ON ACHIEVEMENT (FILL IN ALL APPLICABLE SECTIONS)</b>
<i>SAFE</i>	The pavement replacement ensures that vehicles will not be damaged and pedestrians can walk without fear of injuries due to poor pavement conditions.
<i>HEALTHY</i>	
<i>PROSPEROUS</i>	
<i>SUSTAINABLE</i>	This work will ensure that the pavement will have a sound base to increase the life expectancy of the asphalt pavement.
<i>INNOVATIVE</i>	
<i>CONNECTED</i>	
<i>COMMUNITY</i>	
<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 Total</b>	<b>Total Project</b>
Land & Improvements	0	80,000	80,000	80,000	80,000	80,000	400,000	400,000
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	80,000	80,000	80,000	80,000	80,000	400,000	400,000
<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 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	400,000	475,000	600,000	625,000	625,000	625,000	2,950,000	3,350,000
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

**Sanitary Sewer Rehabilitation or Replacement – Major Maintenance Schedule:**

Description	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
Pipe Lining	240,000	299,000	424,000	449,000	449,000	449,000
Root Cutting & Flushing	94,500	90,000	85,000	80,000	75,000	70,000
Manhole Lining	40,000	50,000	55,000	60,000	65,000	70,000
Miscellaneous Point Repairs/Pipe Patch	25,500	25,000	25,000	25,000	25,000	25,000
Manhole Installation	0	6,000	6,000	6,000	6,000	6,000
Pamrex Lids	0	5,000	5,000	5,000	5,000	5,000
<b>TOTAL</b>	<b>400,000</b>	<b>475,000</b>	<b>600,000</b>	<b>625,000</b>	<b>625,000</b>	<b>625,000</b>



**CITY OF ST. PETERS**  
**CAPITAL IMPROVEMENT PLAN**  
**FY 2018/19 – 2023/24**

<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>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FY 20 – FY 24 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>	638,250	665,500	730,500	719,500	730,500	719,500	3,565,500	4,203,750
<b>New Personnel Costs</b>	0	0	0	0	0	0	0	0

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

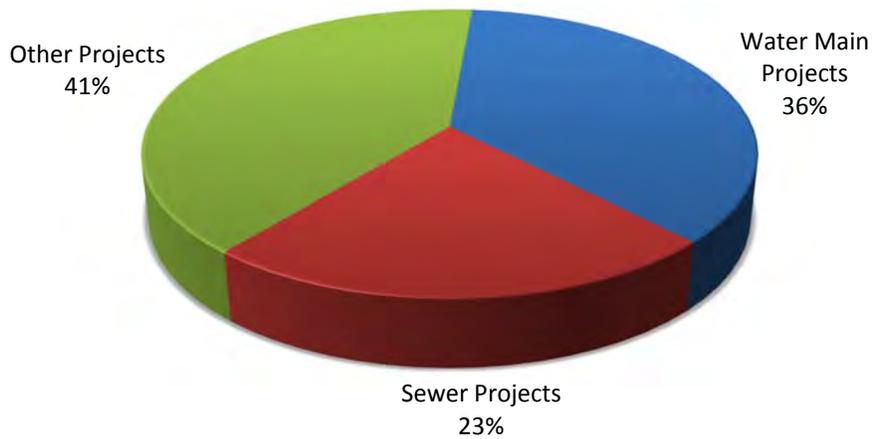
Description	Current Year	2019/20	2020/21	2021/22	2022/23	2023/24
Water mains and service lines	112,000	112,000	112,000	112,000	112,000	112,000
Fire hydrants and valves	115,000	115,000	115,000	115,000	115,000	115,000
Booster pump stations	2,500	2,500	2,500	2,500	2,500	2,500
WTP process equipment	25,000	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
PLC upgrades	25,000	25,000	25,000	25,000	25,000	25,000
Replace meter pits	37,000	37,000	37,000	37,000	37,000	37,000
Radio upgrades	5,000	5,000	5,000	5,000	5,000	5,000
Pipe gallery painting	20,000	0	0	0	0	0
Clarifier No. 3 motor and gear reducer	7,500	0	0	0	0	0
Rebuild Cave Springs valve vault	15,000	0	0	0	0	0
Replace Hermitage and Enwood altitude valves	11,000	0	0	0	0	0
VFD for one high service pump	7,000	0	0	0	0	0
Curtis compressors – Water Plant	15,000	0	0	0	0	0
Clean ground storage tank at Water Plant	5,000	0	5,000	0	5,000	0
Forklift aerial platform (50/50 with Sewer)	375	0	0	0	0	0
Miscellaneous Water equipment replacements/upgrades	0	32,300	80,000	80,000	80,000	80,000
<b>Subtotal Water Utility System R&amp;M</b>	<b>481,375</b>	<b>432,800</b>	<b>485,500</b>	<b>480,500</b>	<b>485,500</b>	<b>480,500</b>
Auger monster exchange	35,000	38,000	38,000	38,000	38,000	38,000
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
PLC upgrades	25,000	25,000	25,000	25,000	25,000	25,000
Radio upgrades	5,000	5,000	5,000	5,000	5,000	5,000
Scum pump replacement (2)	12,000	0	0	0	0	0
Oxidation ditch aerator gearbox oil replacement	6,000	0	6,000	0	6,000	0
Aluminum handrails for syphon structures	2,500	0	0	0	0	0
Forklift aerial platform (50/50 with Water)	375	0	0	0	0	0
Miscellaneous Sewer equipment replacements/upgrades	0	93,700	100,000	100,000	100,000	100,000
<b>Subtotal Sewer Utility System R&amp;M</b>	<b>156,875</b>	<b>232,700</b>	<b>245,000</b>	<b>239,000</b>	<b>245,000</b>	<b>239,000</b>
<b>TOTAL</b>	<b>638,250</b>	<b>665,500</b>	<b>730,500</b>	<b>719,500</b>	<b>730,500</b>	<b>719,500</b>



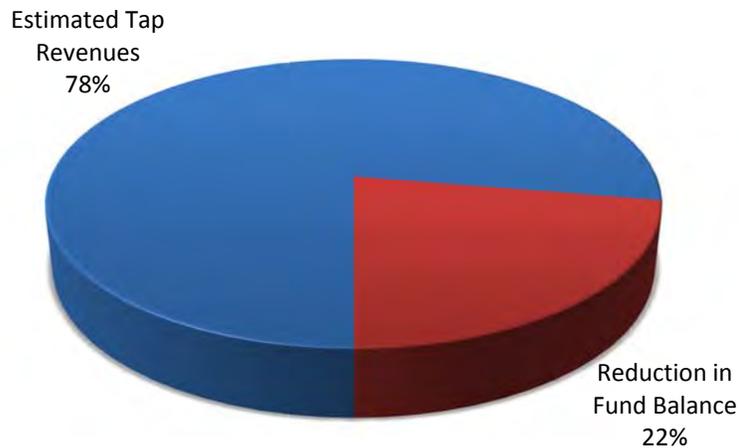
**CITY OF ST. PETERS  
CAPITAL IMPROVEMENT PLAN  
UTILITY CONSTRUCTION FUND – CAPITAL PROJECT SUMMARY**

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 - \$1,288,000**



**Funding Sources - \$1,288,000**



# PROJECT FUNDING - UTILITY CONSTRUCTION FUND

## Projected Fund Activity

	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/2024
<b>Beginning Fund 750 Balance</b>	<b>1,714,608</b>	<b>2,087,584</b>	<b>802,959</b>	<b>480,959</b>	<b>464,959</b>	<b>554,959</b>	<b>414,959</b>
<b>REVENUES</b>							
Estimated Tap Revenues	684,950	300,000	250,000	250,000	200,000	200,000	100,000
Other Revenue	4,622	-	-	-	-	-	-
<b>Total Revenues</b>	<b>689,572</b>	<b>300,000</b>	<b>250,000</b>	<b>250,000</b>	<b>200,000</b>	<b>200,000</b>	<b>100,000</b>
<b>EXPENSES</b>							
<b>WATER MAIN PROJECTS</b>							
Water Main Construction Salary	13,149	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)	-	44,500	-	-	-	-	-
WTP/WWTP/CMPF 12-inch connection	-	-	-	-	-	-	-
Sugarwood to Bellavista	-	-	15,000	-	-	-	-
Willott Road Bridge Bore	-	-	-	-	-	-	-
Missouri American Interconnect	-	-	-	100,000	-	-	-
Cleaning Raw Water Lines	-	-	50,000	-	-	-	-
<b>SUBTOTAL</b>	<b>13,149</b>	<b>54,500</b>	<b>292,000</b>	<b>166,000</b>	<b>10,000</b>	-	-
<b>SEWER PROJECTS</b>							
Lift Station and Manhole Rehab	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>152,342</b>	<b>37,900</b>	-	-	-	<b>300,000</b>	-
<b>OTHER PROJECTS</b>							
Filter Trough Replacement (West Side)	-	30,000	-	-	-	-	-
Filter Media Replacement (East Side)	-	162,500	-	-	-	-	-
Filter Media Replacement (West Side)	-	162,500	-	-	-	-	-
Cave Springs Booster Pumps	-	-	-	-	-	-	-
Crescent Hills Booster Pumps	-	48,000	-	-	-	-	-
Joint Venture PP1 Pump Replacement	-	120,000	-	-	-	-	-
Brown Road Spare Sewage Pump	27,788	-	-	-	-	-	-
Lime Pond(s) Valve Vaults	-	-	-	-	-	40,000	-
WWTP Clarifier Railing/Fencing	-	-	-	-	100,000	-	-
Compost Screener Replacement	-	-	-	-	-	-	-
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 (Bond Project)	-	-	-	-	-	-	-
Aerator Repair	9,610	-	-	-	-	-	-
Magnetic Flow Meter	21,200	-	-	-	-	-	-
Burns & McDonnell Study	92,507	-	-	-	-	-	-
Overage from Bond Fund	-	399,325	-	-	-	-	-
Overage from Well Construction (3 wells)	-	219,900	-	-	-	-	-
<b>SUBTOTAL</b>	<b>151,105</b>	<b>1,492,225</b>	<b>280,000</b>	<b>100,000</b>	<b>100,000</b>	<b>40,000</b>	-
<b>Total Expenses</b>	<b>316,596</b>	<b>1,584,625</b>	<b>572,000</b>	<b>266,000</b>	<b>110,000</b>	<b>340,000</b>	-
<b>ENDING FUND BALANCE</b>	<b>2,087,584</b>	<b>802,959</b>	<b>480,959</b>	<b>464,959</b>	<b>554,959</b>	<b>414,959</b>	<b>514,959</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	MPS	Police Software/Hardware CAD/RMS System Replacement	750,000
General	PGS	Signage for historical sites	50,000
General	SSS	City WiFi	25,000
General	TDS	City Hall CAC Desk Improvements	288,000
General	TDS	City Hall Front Entry Improvements	275,000
General	TDS	Cultural Arts Centre Ceiling & Misc. Improvements	22,000
General	TDS	City Hall East Wing, 1st Floor Restroom Improvements	101,000
General	TDS	City Hall East Wing, 2nd Floor Restroom Improvements	125,000
General	TDS	City Hall Environmental Controls and Energy Management	100,000
General	TDS	City Hall Atrium Painting/Interior Painting	48,000
General	TDS	City Hall Security Improvements	6,000
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 & Bleachers at Woodlands Sports Park and Add Safety Netting	300,000
Local Parks and Storm Water	PGS	Development of land east of entrance to 370 Lakeside Park	5,000,000
Local Parks and Storm Water	PGS	Add Art Workshop at Sports Center Park	100,000
Local Parks and Storm Water	PGS	Concrete to replace pavers on back patio at City Hall	50,000
Local Parks and Storm Water	TDS	Storm Water Projects	22,298,734
Transportation Trust Fund	TDS	Mid Rivers Mall Drive Resurfacing III (St. Peters-Howell to Cottleville Pkwy)	1,760,000
Transportation Trust Fund	TDS	I-70 North Outer Road Bridge	1,660,000
Transportation Trust Fund	TDS	Old Towne West Connector (I-70 NOR to Brown Road)	1,455,000
Transportation Trust Fund	TDS	Queensbrooke Extension	2,200,000
Transportation Trust Fund	TDS	Brown Road Resurfacing and Storm Sewer Improvements	800,000
Transportation Trust Fund	TDS	Adaptive Traffic Signal Control	300,000
Transportation Trust Fund	TDS	South Outer Road Connector	5,090,000
Transportation Trust Fund	TDS	Cave Springs Interchange	15,000,000
Transportation Trust Fund	TDS	Mid Rivers Mall Drive - Mexico Road Intersection Improvement	1,000,000
Transportation Trust Fund	TDS	Jungermann Road @ McClay Road Right Turn Lane	400,000
Transportation Trust Fund	TDS	Salt River Road Multi-Use Trail (Dardenne Creek to Spencer Creek)	800,000
Transportation Trust Fund	TDS	South St. Peters Pkwy Multi-Use Path (Dardenne Creek to Spencer Creek)	1,250,000
Transportation Trust Fund	TDS	McClay Road Resurfacing III (McClay Valley to Hackmann)	1,462,000
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	2,500,000
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	1,400,000
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	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	Surveillance equipment for Golf Course clubhouse	60,000
Golf and Banquet Center Fund	PGS	Vertical turbine pump	800,000
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	Rec-Plex front doors replacement	75,000
Recreation Fund	RCS	Rec-Plex exterior door replacement	123,000
Recreation Fund	RCS	Replace Olympia ice resurfacer	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	(2) 20-foot fans to circulate air in the Rec-Plex Natatorium	31,600
Recreation Fund	RCS	Rec-Plex Boilers	175,000
Recreation Fund	RCS	Replace Jacuzzi tile & filter	50,000
Recreation Fund	RCS	Rec-Plex & Rec-Plex South ice plant replacement or retrofit	3,200,000
Recreation Fund	RCS	North Rink Low-Emissivity Ceiling	50,000
Recreation Fund	RCS	South Rink A and B Low-Emissivity Ceiling	110,000
Solid Waste Fund	HES	HES Operations Storage Shed	800,000
Water Sewer	WES	WTP Lime Feeder Replacement	757,020
Water Sewer	WES	WTP Solids Contact Chamber	4,068,000
Water Sewer	WES	Field Office/Kitchen/Training/Locker Room Building	1,100,000
Water Sewer	WES	Headworks Screening Equip Eval & Replacement	678,000
Water Sewer	WES	Walnut Tree Phase II (North and South Branches) Sanitary Sewer	280,000
Water Sewer	WES	Brown Rd Pump Station & Force Main	2,030,000
Water Sewer	WES	Water Supply Study (Chlorides)	80,000
Water Sewer	WES	Nutrient Removal	2,260,000
Water Sewer	WES	Exterior Plant Site Lighting	169,500
Water Sewer	WES	Alluvial Well 15 Replacement, Raw Water Line & Easements	678,000
Water Sewer	WES	Sliplining of VCP Pipe in Various Areas	1,000,000
Water Sewer	WES	WTP Lime Thickener	1,000,000
Water Sewer	WES	Kimberly Booster Pumping Station	250,000
Water Sewer	WES	Jungs Station to Woodstone Water Main	540,000