

2013

Capital Improvement Plan

City of St. Peters

Fiscal years 2012/13 through 2017/18

5/23/2013



Table of Contents

TABLE OF CONTENTS AND SUMMARY	1-4
GENERAL FUND	
PROJECT FUNDING – GENERAL FUND.....	5
GENERAL FUND – CAPITAL PROJECT SUMMARY.....	6
GENERAL FUND – POLICE DEPARTMENT VEHICLES REPLACEMENT.....	7
GENERAL FUND – OTHER GENERAL FUND VEHICLE REPLACEMENTS.....	8-9
GENERAL FUND – INFORMATION TECHNOLOGY.....	10-11
GENERAL FUND – COMMUNICATIONS.....	12-13
LOCAL PARKS AND STORM WATER FUND	
PROJECT FUNDING – LOCAL PARKS AND STORM WATER FUND.....	14
LOCAL PARKS AND STORM WATER FUND – CAPITAL PROJECT SUMMARY.....	15-16
RANGER DIVISION VEHICLE REPLACEMENTS AND ADDITIONS.....	17
PARKS DEPARTMENT VEHICLE REPLACEMENTS AND ADDITIONS.....	18-19
PARKS DEPARTMENT ROLLING STOCK AND EQUIPMENT REPLACEMENT AND ADDITIONS.....	20-21
SPORTS CENTER BRIDGE.....	22
PLAYGROUND EQUIPMENT.....	23
PLAYGROUND AT COMMUNITY PARK.....	24
PARKING LOT SEAL AND STRIPE.....	25-26
CITY HALL FRONT ENTRANCE IMPROVEMENTS.....	27
LIGHTED WREATHS FOR OLD TOWN, WREATH FOR THE JUSTICE CENTER, AND NEW HOLIDAY TREE FOR CITY HALL.....	28
CULTURAL ARTS CENTRE IMPROVEMENTS.....	29-30
CONCESSION STAND AND RESTROOM AT SPORTS CENTER PARK.....	31
PAVILION AND RESTROOM AT COMMUNITY PARK.....	32
WOODLANDS SPORTS PARK ENTRANCE BOX CULVERT.....	33
NEW TURF AT BROWN ROAD FOOTBALL FIELD.....	34
PHASE II DEVELOPMENT OF DOG PARK AT LAKESIDE PARK.....	35
A/C UNIT FOR CULTURAL ARTS THEATRE.....	36
FIELD LIGHTS FOR DIAMOND 25 AT WOODLANDS SPORTS PARK.....	37
RESTROOM AND CONCESSION STAND AT OLD TOWN PARK.....	38
RESTROOM AT COVENANT PARK.....	39
NOB HILL CONVERSION TO POCKET PARK.....	40
ELECTRONIC SIGN AT ENTRANCE TO CITY HALL.....	41
FACILITY IMPROVEMENTS AT WOODLANDS SPORTS PARK.....	42
LAUREL PARK POOL IMPROVEMENTS – WADING POOL.....	43
REPLACE LEISURE POOL FILTERS.....	44
370 LAKESIDE PARK DEVELOPMENT.....	45
50/50 STORM WATER/EROSION CONTROL PROGRAM.....	46
STORM WATER PROJECT MAINTENANCE, PRESERVATION, & STORM WATER QUALITY MONITORING.....	47
STORM WATER DEPARTMENT ROLLING STOCK AND EQUIPMENT REPLACEMENT AND ADDITIONS.....	48
STORM WATER DEPARTMENT VEHICLE REPLACEMENT AND ADDITIONS.....	49
VOTER APPROVED GENERAL OBLIGATION BONDS – STORM WATER.....	50
STORM WATER CONTROL PROJECTS.....	51-60

TRANSPORTATION TRUST FUND

PROJECT FUNDING – TRANSPORTATION TRUST FUND 61
TRANSPORTATION TRUST FUND – CAPITAL PROJECT SUMMARY 62
ROAD CONSTRUCTION AND RECONSTRUCTION AND TRAFFIC SIGNALS AND INTERSECTIONS GEOMETRIC MODIFICATION..... 63
SUMMARY OF ROAD AND SIGNAL PROJECTS 64
ASPHALT OVERLAY 65
CONCRETE SLAB REPLACEMENT 66
CURB REPAIR..... 67
SIDEWALK REPAIR/SIDEWALK INFILL..... 68
JOINT AND CRACK SEALING..... 69
DEICING CHEMICALS 70
VEHICLE REPLACEMENTS AND ADDITIONS.....71-72
ROLLING STOCK AND EQUIPMENT REPLACEMENT AND ADDITIONS – STREET AND TRAFFIC DEPARTMENTS73-74
100 BOONE HILLS DRIVE, SAGEMONT DRIVE AND INDACOM DRIVE SITE IMPROVEMENTS 75
TRAFFIC SIGNAL CAPITAL IMPROVEMENTS 76

CENTRAL MATERIALS PROCESSING FACILITY FUND

PROJECT FUNDING – CENTRAL MATERIALS PROCESSING FACILITY FUND..... 77
CENTRAL MATERIALS PROCESSING FACILITY FUND – CAPITAL PROJECT SUMMARY 78
ROLLING STOCK AND EQUIPMENT REPLACEMENT AND ADDITIONS79-80

RECREATION FUND

PROJECT FUNDING – REC-PLEX AND GENERAL RECREATION 81
RECREATION FUND – CAPITAL PROJECT SUMMARY 82
CAPITAL EXPENDITURES – REC-PLEX 83
ICE RINK FLOORING 84
ICE RINK IMPROVEMENTS 85
REPLACE CARDIO EQUIPMENT..... 86
ADA IMPROVEMENTS IN NATATORIUM..... 87

SOLID WASTE FUND

PROJECT FUNDING – SOLID WASTE FUND 88
SOLID WASTE FUND – CAPITAL PROJECT SUMMARY 89
ROLLING STOCK AND EQUIPMENT REPLACEMENT AND ADDITIONS90-91
CONTAINERS92-93

WATER/SEWER FUND

PROJECT FUNDING – WATER/SEWER FUND 94
WATER/SEWER FUND – CAPITAL PROJECT SUMMARY 95
ROLLING STOCK AND EQUIPMENT REPLACEMENT AND ADDITIONS96-98
WATER METER REPLACEMENT PROGRAM 99
WATER STORAGE TANK OVERHAUL..... 100
EQUIPMENT/VEHICLE BUILDING – BUILDING IMPROVEMENTS 101
SPENCER CREEK TRUNK SEWER REPLACEMENT 102
WATER/SEWER FUND – MAJOR MAINTENANCE SUMMARY 103
SANITARY SEWER REHABILITATION OR REPLACEMENT – MAJOR MAINTENANCE 104
OTHER REPAIR AND MAINTENANCE..... 105

UTILITY CONSTRUCTION FUND 106
UNFUNDED PROJECT LIST 107-108

SUMMARY

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 (the "Capital Improvement Plan").

The Capital Improvement Plan 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 the high quality infrastructure and continued and efficient provision of services they expect.

The Capital Improvement Plan lists projects, describes them, estimates the costs and describes the funding method to be utilized. Projects in the Capital Improvement 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.

The Capital Improvement Plan covers the period for the Fiscal Years 2012/13 through 2017/18. The capital projects and acquisitions included in the plan are fixed assets or major maintenance with a useful life of at least two years 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 cost \$50,000 or more over the next five years.

As a point of reference, portions of the budget for the 2012/13 Fiscal Year relating to capital projects are included in the plan. The capital projects and acquisitions included in the plan for the 2013/14 Fiscal Year will be integrated in the City's 2013/14 budget. Subsequent years of the Capital Plan are intended to provide a framework for planning and future spending. These sections are, however, subject to change and amendment as City conditions warrant in future years.

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

Project Funding - General Fund

Projected Fund Activity

	Actual 2010/11	Actual 2011/12	Adopted/Revised Budget 2012/13	Proposed Budget 2013/14	Projected 2014/15	Projected 2015/16	Projected 2016/17	Projected 2017/18
Beginning Balance	\$4,596,232	\$3,316,107	\$3,241,774	\$4,835,086	\$1,936,311	\$1,232,211	\$1,212,911	\$1,565,611
Revenues								
Property Tax	6,705,073	6,484,145	6,823,300	6,913,300	6,976,700	7,104,700	7,170,000	7,301,900
Sales Tax	11,777,602	12,266,783	12,906,000	13,493,000	13,897,800	14,626,000	15,172,300	15,627,500
Other Taxes	4,186,605	4,065,401	4,329,860	4,424,600	4,505,000	4,586,900	4,670,400	4,755,500
Licenses & Permits	948,635	1,042,314	1,052,900	1,092,100	1,098,500	1,105,000	1,111,600	1,118,400
Intergovernmental Revenue	3,869,168	3,257,676	3,368,700	3,150,000	3,150,000	3,150,000	3,150,000	3,150,000
Interest	6,056	2,668	25,000	5,000	5,000	5,000	5,000	5,000
Municipal Court & Police	2,817,621	2,664,575	2,889,900	2,926,700	2,927,600	2,928,600	2,929,600	2,930,600
Other	702,943	699,730	595,000	738,400	746,800	755,600	764,600	773,800
Total Revenue	31,013,703	30,483,292	31,990,660	32,743,100	33,307,400	34,261,800	34,973,500	35,662,700
Expenditures								
Salaries & Fringes	25,708,653	24,933,069	27,131,870	27,678,700	27,963,000	28,250,700	28,541,200	28,834,200
Employee Expenses	320,635	306,079	341,265	348,500	380,200	362,500	419,800	382,100
Community Expenses	35,000	35,000	40,000	35,000	35,400	35,800	36,200	36,600
Prof. Services	1,467,057	1,496,840	1,231,360	1,291,900	1,305,300	1,319,600	1,334,100	1,348,600
Utilities	540,081	462,682	510,700	526,200	537,400	549,300	561,300	573,600
Repair & Maint.	1,013,591	816,193	940,300	1,101,635	1,119,100	1,133,000	1,144,100	1,158,200
Supplies & Other	1,720,389	1,589,021	1,485,400	1,525,650	1,547,000	1,557,800	1,579,800	1,601,900
Allocation of Administrative Overhead	(1,375,400)	(1,834,200)	(1,834,200)	(1,834,200)	(1,834,200)	(1,834,200)	(1,834,200)	(1,834,200)
Capital	953,494	844,742	980,448	989,190	758,200	678,900	585,600	677,100
Total Expenditures	30,383,500	28,649,426	30,827,143	31,662,575	31,811,400	32,053,400	32,367,900	32,778,100
Surplus (Deficit)	630,203	1,833,866	1,163,517	1,080,525	1,496,000	2,208,400	2,605,600	2,884,600
Transfer to Post Retirement Benefit Trust	(300,000)	(300,000)	(300,000)	(375,000)	(384,400)	(394,000)	(403,900)	(414,000)
Proceeds from Sale of Bonds	3,779,092	0	0	0	0	0	0	0
Transfer From (To) Other Funds	(4,802,146)	(971,552)	890,402	(724,300)	(935,700)	(953,700)	(964,000)	(982,900)
Debt Service	(638,988)	(600,565)	(385,000)	(380,000)	(380,000)	(380,000)	(385,000)	(385,000)
Transferred From (To) Reserves	51,714	(36,082)	224,393	0	0	0	0	0
Assigned for FB Reserve				(2,500,000)	(500,000)	(500,000)	(500,000)	(500,000)
Ending Fund Balance - Unassigned	\$3,316,107	\$3,241,774	\$4,835,086	\$1,936,311	\$1,232,211	\$1,212,911	\$1,565,611	\$2,168,311
Ending Fund Balance - Assigned				\$2,500,000	\$3,000,000	\$3,500,000	\$4,000,000	\$4,500,000

GENERAL FUND – Capital Project Summary

General

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 by law or contractual agreement to other funds are deposited. In the past, General Fund monies have been appropriated to a capital projects fund that is used to finance major capital projects.

Capital Expenditures

Description	2013/14	2014/15	2015/16	2016/17	2017/18
Police Vehicle Replacements	255,000	330,000	271,000	252,000	365,000
Other General Fund Vehicle Replacements	71,000	49,000	73,000	100,000	54,000
Information Technology Replacements and Additions	482,100	261,200	198,400	105,600	157,100
Communications Replacements and Additions	55,000	68,000	86,500	78,000	51,000
Miscellaneous	126,090	50,000	50,000	50,000	50,000
Total	989,190	758,200	678,900	585,600	677,100

GENERAL FUND – Police Department Vehicles Replacement

Police Vehicle Replacement and Additions

Project Description

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.

Department	Description	Life Cycle	2013/14	2014/15	2015/16	2016/17	2017/18
Police	Admin Sedan	7	49,000	26,000	27,000	58,000	31,000
Police	Patrol Vehicles	3	150,000	240,000	180,000	128,000	264,000
Police	Patrol SUV	3	56,000	64,000	64,000	66,000	70,000
Total			255,000	330,000	271,000	252,000	365,000

Goals And Benefits

- Reduce maintenance costs and down time
- Provide safe and clean streets and parks
- Ensure safety of police officers and residents
- Provide continuous and effective crime prevention capabilities
- Increase the department's productivity

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,473,000	255,000	330,000	271,000	252,000	365,000

GENERAL FUND – Other General Fund Vehicle Replacements

Vehicle Replacement and Additions

Project Description

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.

Department	Description	Vehicle #	Life Cycle	2013/14	2014/15	2015/16	2016/17	2017/18
Engineering	Sedan	558	10	0	0	0	0	0
Engineering	Sedan	201	10	20,000	0	0	0	0
Engineering	Sedan	400	7	0	0	25,000	0	0
Engineering	SUV	210	10	0	0	0	0	26,000
Engineering	SUV	211	10	0	0	24,000	0	0
Engineering	¼ Ton	212	10	0	0	0	25,000	0
Engineering	¼ Ton	216	10	0	0	0	25,000	0
Engineering	½ Ton	511	10	0	25,000	0	0	0
Engineering	SUV	512	10	0	0	0	25,000	0
Engineering	½ Ton	513	10	0	0	24,000	0	0
Engineering	¼ Ton	515	10	0	24,000	0	0	0
Engineering	½ Ton	557	10	0	0	0	0	28,000
Health	Sedan		7	0	0	0	25,000	0
Health	¾ Ton Animal Control	918	8	51,000	0	0	0	0
Total				71,000	49,000	73,000	100,000	54,000

Goals And Benefits

- Reduce maintenance costs and down time
- Provide safe and clean streets and parks
- Ensure safety of police officers and residents
- Provide continuous and effective crime prevention capabilities
- Increase the department's productivity

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
347,000	71,000	49,000	73,000	100,000	54,000

GENERAL FUND — Information Technology

Equipment Replacement and Additions – Information Technology

Project Description

Software and Licensing:

This software category is for all software and licensing needs within the City. Citywide software and licensing such as Microsoft Office, Microsoft Core Client Access Licenses, Web Utilities, Antivirus, MSGovern, CLASS and Pamet are evaluated annually to ensure proper licensing and coverage. All individual software (with 10 users or less) is evaluated for the annual budget when requested by each department or group of users. Software included in the 5-year plan consists of:

- Replacement/Upgrade to the City's Financial Software including Finance, Purchasing, Payroll
- Exchange 2013 Upgrade
- Migrate BOSS ALPR to virtual server
- Digital Asset Management

Hardware:

Every year we evaluate the minimum requirements for PCs to operate our applications. We upgrade memory as needed during the 5 years of expected life. Based on trouble calls and vendor software requirements, memory upgrades or additional disk storage may be required. 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.

- UPS Upgrades (Battery)
- UPS, New and Replacement
- Printers – Replacements/New
- Printers – Datacard Color
- Printer – OCE for GIS
- PC Replacements
- PC Upgrades (Memory & Storage)
- Server Replacements
- PD Laptop Replacements
- Disk to Disk Backup

Network:

The City presently is using the GBIC infrastructure to provide data access to all facilities. It also provides the signaling to remote traffic cameras. The end-of-life equipment, which is no longer supported by vendors, will be replaced when needed. Every 6 years these devices are evaluated and replaced when needed.

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 technology. GBIC provides the same capabilities as ATM equipment but at higher speeds and lower costs. In FY14 thru FY18, we will continue to replace end-of-life equipment in the remote buildings and renew maintenance on existing equipment.

Network Security

Data Center Upgrades

Physical Infrastructure Upgrades

Expenditure Schedule

	2013/14	2014/15	2015/16	2016/17	2017/18
Software and Licensing	272,500	0	0	0	0
Hardware	115,400	145,800	110,800	66,800	103,600
Network	94,200	115,400	87,600	38,800	53,500
Total	482,100	261,200	198,400	105,600	157,100

GENERAL FUND — Communications

Equipment Replacement and Additions – Communications

Project Description

This project involves the replacement of rolling stock and 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 and/or vehicle. The project also describes equipment or vehicles to be added. The following table sets forth the equipment to be acquired.

	2013/14	2014/15	2015/16	2016/17	2017/18
Combined Equipment Under \$50,000	39,500	52,500	71,000	42,500	21,000
Studio Camera Replacement (4 cameras-1 each year)	15,500	15,500	15,500	15,500	0
Replace AVID Editing Systems	0	0	0	20,000	30,000
Total	55,000	68,000	86,500	78,000	51,000

Existing Condition

The following is a brief description of the vehicles and equipment being replaced.

Combined Equipment Under \$50,000	Replaces existing equipment such as field camera, batteries, studio wireless microphone system, emergency messaging system, production switcher, DVD/hard drive recorder, TIVO, Vectorscope/Waveform Monitor, CD/DVD duplicator, Video server/automation system, digital signage system, portable audio system components, satellite system controller, field wireless microphone system, SX recording deck, MiniDV camcorders, studio lighting, and others. These are all being maintained and replaced at end of usable life or if the equipment is no longer reliable and cannot be repaired. Other items, including lighting at the Justice Center and monitors at the Cable Operations Building, are replacements at end of usable life and, due to changes in technology, replacements include conversion to new technology as the older systems are no longer available.
Studio Camera Replacement (4 cameras-2 each year)	Replace existing studio cameras at end of life cycle. Life cycle has been extended due to new meeting facility with permanent cameras at the Justice Center.
Replace AVID Editing Systems	Replace the video editing systems used to put together all City produced programming, i.e. Ward update, UpFront, public service announcements, etc. This equipment will be at end of usable lifecycle and unreliable in FY 2016/17 when it is scheduled for replacement.

Goals And Benefits

Enable the City to operate a cable channel for the purpose of promoting greater citizen participation in local government.
Enable the City to operate a cable channel for the purpose of informing citizens of current events and community activities and information.
Replace obsolete equipment to enable the City's cable station to offer high-quality programming and utilize new technologies to achieve our goals more efficiently and cost-effectively.
Enable the City to be able to provide emergency operations communications to our citizens through a variety of sources including print, broadcast, email and website.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
338,500	55,000	68,000	86,500	78,000	51,000

Project Funding - Local Parks and Storm Water Fund

Projected Fund Activity

	ACTUAL 2010/11	ACTUAL 2011/12	ADOPTED/REVISED BUDGET 2012/13	PROPOSED BUDGET 2013/14	Projected 2014/15	Projected 2015/16	Projected 2016/17	Projected 2017/18
Beginning Balance	\$1,102,013	\$1,732,387	\$1,645,824	\$1,113,014	\$122,414	\$258,714	\$566,914	\$569,264
Transfer from Special Allocation Fund - St. Peters Lakeside Redevelopment	0	0	300,000	0	0	0	0	0
Add: Sales Tax	1,164,594	1,213,515	4,490,600	6,746,500	6,948,900	7,313,000	7,586,150	7,813,750
Intergovernmental Revenue	0	30,000	182,000	182,000	182,000	182,000	182,000	182,000
Contribution from PIC	173,311	0	0	0	0	0	0	0
Sale of Bonds - Refunding Bonds	1,658,559	0	0	0	0	0	0	0
Interest	2,154	798	2,000	2,000	2,000	2,000	2,000	2,000
Other	<u>4,550</u>	<u>4,326</u>	<u>0</u>	<u>136,000</u>	<u>136,000</u>	<u>136,000</u>	<u>136,000</u>	<u>136,000</u>
Total Revenue	<u>3,003,168</u>	<u>1,248,639</u>	<u>4,674,600</u>	<u>7,066,500</u>	<u>7,268,900</u>	<u>7,633,000</u>	<u>7,906,150</u>	<u>8,133,750</u>
Funds Available	<u>4,105,181</u>	<u>2,981,026</u>	<u>6,620,424</u>	<u>8,179,514</u>	<u>7,391,314</u>	<u>7,891,714</u>	<u>8,473,064</u>	<u>8,703,014</u>
LESS: Ranger Division (not including capital)	0	0	0	997,160	1,022,000	1,048,400	1,075,400	1,103,200
Ranger Division Capital	0	0	0	27,500	0	64,000	34,000	0
Parks Vehicles and Rolling Stock	147,213	0	233,600	398,000	663,000	472,000	637,000	341,000
Parks Capital Improvement Projects	140	204,346	1,884,850	2,075,650	885,000	1,070,000	1,035,000	1,200,000
Debt Service for Park Projects (2010C COPS)	22,972	165,640	163,000	166,000	163,000	166,000	163,000	163,000
Transfer To Recreation Fund	<u>0</u>	<u>0</u>	<u>500,000</u>	<u>650,000</u>	<u>450,000</u>	<u>300,000</u>	<u>300,000</u>	<u>200,000</u>
Total Parks Expenses	<u>170,325</u>	<u>369,986</u>	<u>2,781,450</u>	<u>4,314,310</u>	<u>3,183,000</u>	<u>3,120,400</u>	<u>3,244,400</u>	<u>3,007,200</u>
LESS: Storm Water Operational	204,138	138,304	879,060	1,096,460	1,118,600	1,141,400	1,164,400	1,187,800
Storm Water Maintenance Including 50/50 Program	56,680	133,374	935,000	730,000	730,000	735,000	715,000	715,000
Storm Water Capital (Including Vehicles and Rolling Stock)	0	188,914	330,000	36,330	121,000	98,000	0	0
Debt Service for Storm Water/Creek Stabilization Projects	2,194	0	0	0	0	0	0	0
Transfer To Debt Service Fund for 2010B G.O. Bonds	104,779	129,624	130,000	130,000	130,000	130,000	130,000	130,000
Transfer To Debt Service Fund for 2012 G.O. Bonds (\$4 mil.)	0	0	300,000	250,000	250,000	250,000	250,000	250,000
Transfer To Debt Service Fund for Anticipated 2014 G.O. Bonds (\$12 mil.)	0	0	0	800,000	800,000	800,000	800,000	800,000
Transfer To Debt Service Fund for Anticipated 2017 G.O. Bonds (\$8 mil.)	0	0	0	0	0	0	550,000	550,000
Transfer To PIC - Refund Bonds	<u>1,802,800</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Storm Water Expenses	<u>2,170,591</u>	<u>590,216</u>	<u>2,574,060</u>	<u>3,042,790</u>	<u>3,149,600</u>	<u>3,154,400</u>	<u>3,609,400</u>	<u>3,632,800</u>
Total Parks and Storm Water Expenses	<u>2,340,916</u>	<u>960,202</u>	<u>5,355,510</u>	<u>7,357,100</u>	<u>6,332,600</u>	<u>6,274,800</u>	<u>6,853,800</u>	<u>6,640,000</u>
Transfer To(From) Reserves for Future Capital Projects	0	0	0	700,000	800,000	1,050,000	1,050,000	1,050,000
Transfer To Capital Project Fund Lakeside 370	200,000	375,000	0	0	0	0	0	0
Transfer To General Fund	0	0	151,900	0	0	0	0	0
Transfer To(From) Reserve for Debt Service	<u>(168,122)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Uses Of Funds	<u>2,372,794</u>	<u>1,335,202</u>	<u>5,507,410</u>	<u>8,057,100</u>	<u>7,132,600</u>	<u>7,324,800</u>	<u>7,903,800</u>	<u>7,690,000</u>
Ending Fund Balance	<u>\$1,732,387</u>	<u>\$1,645,824</u>	<u>\$1,113,014</u>	<u>\$122,414</u>	<u>\$258,714</u>	<u>\$566,914</u>	<u>\$569,264</u>	<u>\$1,013,014</u>

LOCAL PARKS AND STORM WATER FUND – Capital Project Summary

General

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 also pay a portion of the project costs.

PARK PROJECT SUMMARY	2013/14	2014/15	2015/16	2016/17	2017/18
Ranger Division Vehicles	27,500	0	64,000	34,000	0
Parks Department Vehicles	108,000	543,000	359,000	427,000	218,000
Parks Department Rolling Stock	290,000	120,000	113,000	210,000	123,000
Total Vehicles and Rolling Stock	425,500	663,000	536,000	671,000	341,000
Sports Center Bridge	0	0	300,000	0	0
Playground Equipment	150,000	250,000	200,000	225,000	225,000
Parking Lot Seal and Stripe	100,000	100,000	0	100,000	100,000
Seal and Stripe City Centre Parking Lots	55,000	0	0	0	0
City Hall Front Entrance Improvements	160,000	0	0	0	0
Lighted Wreaths & Christmas Tree	10,000	0	0	0	0
Cultural Arts Centre Improvements	44,000	0	0	0	0
Concession Stand/Restrooms Sports Center	150,000	0	0	0	0
Pavilion/Restrooms at Community Park	150,000	0	0	0	0
Woodlands Box Culvert	0	60,000	0	0	0
Brown Road Turf	0	50,000	0	0	0
Lakeside Park Dog Park Phase II	0	50,000	0	0	0
A/C Unit for Cultural Arts Theatre	0	0	70,000	0	0
Field lights at Diamond 25	0	0	125,000	0	0

PARK PROJECT SUMMARY CONTINUED	2013/14	2014/15	2015/16	2016/17	2017/18
Concession Stand/Restrooms Old Town	0	0	0	200,000	0
Restroom at Covenant Park	0	0	0	85,000	0
Improvements to Nob Hill	150,000	0	0	0	0
Electronic Sign at Entrance to City Hall	0	0	0	60,000	0
Woodlands Sideline Turf	0	0	0	100,000	0
Laurel Park Wading Pool Improvement	0	0	0	190,000	0
Replace Leisure Pool Filter	125,000	0	0	0	0
Replace Pool Pak	570,000	0	0	0	0
370 Lakeside Park	250,000	300,000	300,000	0	800,000
Miscellaneous Items Under \$50,000	161,650	75,000	75,000	75,000	75,000
Total Parks Capital Improvements	2,075,650	885,000	1,070,000	1,035,000	1,200,000

STORM WATER SUMMARY	2013/14	2014/15	2015/16	2016/17	2017/18
50/50 Storm Water Erosion Control Program	100,000	100,000	100,000	100,000	100,000
Storm Water Maintenance	240,000	260,000	265,000	245,000	245,000
Storm Water Rolling Stock	0	81,000	0	0	0
Storm Water Vehicles	28,000	40,000	98,000	0	0
Miscellaneous Items Under \$50,000	8,330	0	0	0	0
Total Storm Water Summary	376,330	481,000	463,000	345,000	345,000

LOCAL PARKS AND STORM WATER FUND – Rangers

Ranger Division Vehicle Replacement and Additions

Project Description

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.

Department	Description	Vehicle #	Life Cycle	2013/14	2014/15	2015/16	2016/17	2017/18
Rangers	Ford Escape	892	3	0	0	32,000	0	0
Rangers	Dodge Durango	893	4	27,500	0	0	34,000	0
Rangers	Ford Escape	894	4	0	0	32,000	0	0
Total				27,500	0	64,000	34,000	0

Goals And Benefits

Reduce maintenance costs and down time
 Provide safe and clean streets and parks
 Ensure safety of police officers and residents
 Provide continuous and effective crime prevention capabilities
 Increase the department's productivity

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
125,500	27,500	0	64,000	34,000	0

LOCAL PARKS AND STORM WATER FUND – Parks

Parks Department Vehicle Replacement and Additions

Project Description

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.

Department	Description	Vehicle #	Life Cycle	2013/14	2014/15	2015/16	2016/17	2017/18
Parks	Sedan	700	7	28,000	0	0	0	0
Parks	Sedan	701	8	20,000	0	0	0	0
Parks	¼ Ton	704	10	22,000	0	0	0	0
Parks	½ Ton	709	7	0	0	0	30,000	0
Parks	1 Ton	711	10	0	0	0	60,000	0
Parks	¾ Ton	712	7	38,000	0	0	0	0
Parks	1 Ton	713	10	0	0	65,000	0	0
Parks	1 Ton	714	7	0	0	0	55,000	0
Parks	1 Ton	715	10	0	0	0	40,000	0
Parks	1 Ton	730	10	0	70,000	0	0	0
Parks	1 Ton	731	10	0	0	98,000	0	0
Parks	1 Ton	732	10	0	0	0	72,000	0
Parks	1 Ton	733	10	0	70,000	0	0	0
Parks	1 Ton	735	10	0	0	98,000	0	0
Parks	1 Ton	736	10	0	0	98,000	0	0
Parks	1 Ton	737	7	0	93,000	0	0	0
Parks	1 Ton Dump	738	10	0	0	0	0	98,000
Parks	1 Ton Bucket	740	12	0	0	0	0	120,000
Parks	2 Ton	741	11	0	140,000	0	0	0
Parks	2 Ton	742	11	0	0	0	170,000	0
Parks	2 Ton Bucket	745	11	0	170,000	0	0	0
Total				108,000	543,000	359,000	427,000	218,000

Goals And Benefits

- Reduce maintenance costs and down time
- Provide safe and clean streets and parks
- Ensure safety of police officers and residents
- Provide continuous and effective crime prevention capabilities
- Increase the department's productivity

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,655,000	108,000	543,000	359,000	427,000	218,000

LOCAL PARKS AND STORM WATER FUND – Parks

Parks Department Rolling Stock and Equipment Replacement and Additions

Project Description

This project involves the replacement of rolling stock and equipment used by the Parks Department. The project is intended to establish a replacement cycle that matches the life cycle of the asset. The following table sets forth the equipment to be acquired.

	Expected Life					
	In Yrs.	2013/14	2014/15	2015/16	2016/17	2017/18
340B Ford Tractor	30	0	55,000	0	0	0
7700 Ford Tractor	30	140,000	0	0	0	0
Toro 580D Mower #3	10	0	0	98,000	0	0
Ferris ZTR Mower	7	0	0	15,000	0	0
Ford 6600 Tractor w/ Boom Arm Mower	30	0	0	0	70,000	0
Ferris 72" ZTR Mower		0	0	0	0	25,000
Massey Ferguson Turf Tractor	30	0	0	0	0	45,000
Bush Whacker Mower		0	0	0	0	15,000
Kubota RTV		0	0	0	0	18,000
Replace Bitelli Asphalt Paver	10	150,000	0	0	0	0
Toro 4000D Rotary Mower #2	8	0	65,000	0	0	0
JD 450G Bull Dozer	20	0	0	0	140,000	0
Asphalt Roller	10	0	0	0	0	20,000
TOTAL		290,000	120,000	113,000	210,000	123,000

Existing Condition

Replacement of vehicles and equipment on a life cycle basis, ensures the provision of continuous efficient service and reduces maintenance costs and down time. The following is a brief description of the vehicles and equipment being replaced.

340B Ford Tractor	1985 tractor will be 30 years old when replaced. Used to mow and fertilize parks.
7700 Ford Tractor	1981 tractor is used with heavier implements in park operations.
Toro 580D Mower #3	2006 large area rotary mower will need to be replaced due to age. The mower is used to cut grass in parks.
Ferris ZTR Mower	2009 gas engine mower has expected life cycle of 7 years. Used to cut roadside.
Ford 6600 Tractor w/Boom Arm Mower	1978 tractor acquired by Parks in 1999 is critical for roadside mowing. 75hp mower has a flail arm mower attached to boom.
Ferris 72" ZTR Mower	Ferris ZTR mower will be seven years old and will have exceeded its useful service life.
Massey Ferguson Turf Tractor	Turf tractor will be thirty years old and will have exceeded its useful service life.
Bush Whacker Mower	Bush Whacker mower will be eight years old and will have exceeded its reasonable service life.
Kubota RTV	Kubota will have reached its useful service life.
Replace Bitelli Asphalt Paver BB621C	Purchased in 2003, paver will 10 years old when replaced.
Toro 4000D Rotary Mower #2	2007 rotary mower is use to cut grass in parks.
JD 450G Bulldozer	Purchased in 1999 this piece of equipment is currently being used for grade work, trail development and maintenance and moving of dirt when working on infields and leveling out practice areas at Brown Road Park. Also is used by WES for scraping out sludge ponds.
Ingersoll Rand Asphalt Roller	In 2018, the existing Ingersoll Rand Asphalt Roller will be twelve years old and will have exceeded its useful service life.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
856,000	290,000	120,000	113,000	210,000	123,000

LOCAL PARKS AND STORM WATER FUND – Parks

Sports Center Bridge

Project Description

In 2011 all pedestrian bridges were inspected and the bridge connecting Sport Center Park to Brown Road Park will need major work in the future to keep open. This bridge replacement may be eligible for GRG funding if a trail plan is approved by GRG to connect Woodlands Sports Park to 370 Lakeside Park.

Timing of this bridge replacement depends on when the GRG trail meets up with the bridge.

Goals And Benefits

A safe and aesthetically pleasing pedestrian system.
Expansion of city trail system.
Connection of city parks through a pedestrian trail system.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
300,000	0	0	300,000	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Playground Equipment - Parks

Project Description

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

Existing Condition

As the city develops additional parkland, new playground equipment will be constructed. Playground equipment in the following parks has been identified as the top priority for replacement and/or new construction.

Location
 13/14 Community Park – Promise Prop. P
 14/15 Laurel Park – Promise Prop. P
 15/16 Woodlands Sports Park
 16/17 Oak Creek Park
 17/18 Spencer Creek Park

Goals And Benefits

Provide state of the art play equipment in city parks.
 Compliance with ADA, CPSC, ASTM guidelines.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,050,000	150,000	250,000	200,000	225,000	225,000

LOCAL PARKS AND STORM WATER FUND – Parks

Playground at Community Park

Project Description

Proposition P Promise:
Build a playground at Community Park.

Existing Condition

As required under the Lease Agreement with Francis Howell School District, we need to build a playground at Community Park.

Goals And Benefits

Enhance user experience at park.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
150,000	150,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Parking Lot Seal and Stripe

Project Description

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

Existing Condition

Parking lots areas need to be paved or repaired. The lots have not been sealed for several years and the lines in the parking lots have faded through wear.

Goals And Benefits

Provide paved parking areas
Seal parking lots to provide longer use before replacement is necessary
Stripe lots to maximize number of available parking spots for vehicles

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
400,000	100,000	100,000	0	100,000	100,000

LOCAL PARKS AND STORM WATER FUND – Parks

Parking Lot Seal and Stripe

Project Description

Reseal and restripe City Centre parking lots A-G.

Existing Condition

Parking lot lines are faded and the asphalt needs to be resealed.

Goals And Benefits

Improve the appearance of the parking lots
Restriping of parking lot will assist customers and staff when using the lot
Seal parking lots to provide longer use before replacement is necessary
Stripe lots to maximize number of available parking spots for vehicles

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
55,000	55,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

City Hall Front Entrance Improvements

Project Description

Renovate the front entrance of City Hall. Improvements to include removing the flower box, replacing the paver stones with concrete, and adding signage related to ADA building access.

Existing Condition

Front entrance to City Hall is in need of repairs.

Goals And Benefits

Improve appearance of City Hall.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
160,000	160,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Lighted Wreaths for Old Town (Main Street), Wreath for the Justice Center, and New Holiday Tree for City Hall

Project Description

Purchase lighted wreaths for Old Town Main Street and Justice Center. Purchase new outdoor Christmas tree for City Hall and move the old tree to the Justice Center.

Existing Condition

Existing decorations in Old Town are difficult to see and requests have been made for lighted wreaths. Lighted wreaths are also requested for the Justice Center as well as a larger Christmas tree at City Hall.

Goals and Benefits

Improve appearance of areas during the holiday season.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
10,000	10,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Cultural Arts Centre Improvements

Project Description

This project involves improvements to the Cultural Arts Centre. The following table sets forth the improvements to be made.

	2013/14	2014/15	2015/16	2016/17	2017/18
Improve Light System in Theatre	6,000	0	0	0	0
Upgrade Projection System in Theatre	6,500	0	0	0	0
Replace Carpet in Theatre	25,000	0	0	0	0
Replacement Podium for Arts Centre	6,500	0	0	0	0
TOTAL	44,000	0	0	0	0

Existing Condition

The following is a brief description of the improvements.

Improve Light System in Theatre	Upgrade the theatrical lighting system to 12 channels of 1,000 watt digital dimming capability; 6 channels on the upper level and 6 channels on the lower level. This could be expanded to a maximum of 24 channels of dimming with the purchase and installation of additional dimmers. Implementation of this system would eliminate the current obsolete and failing analog dimmer system. Installation and configuration of equipment to be done by City staff.
Upgrade Projection System in Theatre	Replace existing equipment with 16x9 HD format which includes 7000 lumen projector, 14x8 electric screen, additional input cabling.
Replace Carpet in Theatre	Replace the carpeting on the half walls, steps and upper floor. Original carpet is worn and outdated.
Replacement Podium for Arts Centre	Replace the current powered podium with a new, higher powered podium sound system. Options would include an integrated microphone, wireless microphone, and an input for a CD player or MP3 player. This new podium system can be run on AC or battery power and provides adequate sound for a crowd of up to 500 people.

Goals And Benefits

Improved lighting will allow us to better market the facility for future rentals.
 Improve customer use of facility as well as use for City functions.
 Improve the appearance of the Theatre.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
44,000	44,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Concession Stand and Restroom at Sports Center Park

Project Description

Proposition P Promise:
Build a new restroom facility with concession area near the center of the park.

Existing Condition

Users must currently use the facility at the front entrance for concessions and restrooms.

Goals And Benefits

Provide closer facility location for all users in park.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
150,000	150,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Pavilion and Restroom at Community Park

Project Description

Proposition P Promise
Build a pavilion and restrooms at Community Park.

Existing Condition

As required under the lease Agreement with Francis Howell School District, we need to provide a restroom and pavilion at Community Park.

Goals and Benefits

Enhance park users experience at Park.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
150,000	150,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Woodlands Sports Park Entrance Box Culvert

Project Description

Replace a 48" metal storm water pipe near the entrance of Woodlands Sports Park with a box culvert.

Existing Condition

The existing pipe is undersized and cannot transfer the volume of water that drains to that area. As a result, water frequently runs across the road instead of staying under the road, causing the roadway to flood.

Goals and Benefits

Facilitate storm water drainage via an adequate structure
Decrease flooding of roadway
Increase safety for Park users

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
60,000	0	60,000	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

New Turf at Brown Road Football Field

Project Description

Proposition P Planned Project:
New field turf for football field at Brown Road Park

Existing Condition

Due to wear of game field, new turf will allow for better playing conditions.

Goals And Benefits

Improved playing conditions for users.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
50,000	0	50,000	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Phase II Development of Dog Park at Lakeside Park

Project Description

Proposition P Additional Project List:
Complete the development of the Dog Park at Lakeside Park

Existing Condition

Completion of the phase will provide access to the lake for park users and their dogs.

Goals And Benefits

Enhance the experience for the dog and owners at the park.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
50,000	0	50,000	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

A/C Unit for Cultural Arts Theatre

Project Description

Replace the air conditioning unit in the Cultural Arts Theatre.

Existing Condition

Existing unit is original unit installed when facility was constructed. Unit has exceeded normal life expectancy.

Goals And Benefits

Scheduled replacement allows for minimal inconvenience of employees and customers using City Hall.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
70,000	0	0	70,000	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Field Lights for Diamond 25 at Woodlands Sports Park

Project Description

Proposition P Planned Project:
Install lights at Diamond 25 at Woodlands Sports Park

Existing Condition

Field 25 currently does not have field lights. Field lights will allow extended play for leagues and tournaments and maximize use of field.

Goals And Benefits

Maximize use of field

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
125,000	0	0	125,000	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Restroom and Concession Stand at Old Town Park

Project Description

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

Existing Condition

This facility is outdated and in need of replacement.

Goals And Benefits

Improve user experience at the park by providing a new facility to meet user demand and all current ADA guidelines.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
200,000	0	0	0	200,000	0

LOCAL PARKS AND STORM WATER FUND – Parks

Restroom at Covenant Park

Project Description

Proposition P Planned Project:
Build a new permanent restroom at Covenant Park.

Existing Condition

Presently, Covenant Park has a portable toilet in place. Practices and game are frequently scheduled on the ball field. Park also has two tennis courts, a basketball court, playground and trail running through it. Due to all this activity, a permanent restroom would be a welcome addition to the park for park users.

Goals And Benefits

Improve park environment and experience for park users at this location.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
85,000	0	0	0	85,000	0

LOCAL PARKS AND STORM WATER FUND – Parks

Nob Hill Conversion to Pocket Park

Project Description

Deconstruct outdoor pool facility and replace with small pavilion, restroom and small playground.

Existing Condition

Use of pool has decreased over the years and the pool is in need of major repairs to continue operating.

Goals And Benefits

Repurpose area to decrease cost of future maintenance to the City and still provide a park area for resident's use.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
150,000	150,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

Electronic Sign at Entrance to City Hall

Project Description

Erect an electronic sign to advertise the numerous activities and events held in the new Cultural Arts Center inside City Hall as well as events held at the Veterans Memorial.

Existing Condition

Portable electronic signs are currently used when available or banners and smaller yard signs are used to advertise events.

Goals and Benefits

Improve advertising of City events
Eliminate labor to set up portable signage and banners

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
60,000	0	0	0	60,000	0

LOCAL PARKS AND STORM WATER FUND – Parks

Facility Improvements at Woodlands Sports Park

Project Description

Proposition P Planned Project:
Provide sideline turf to fields 21-25
Raise the walkway leading into the quad

Existing Condition

Infields currently do not have turf. Sideline turf will be added to fields 21-25 to improve condition of fields.
Raising walkways leading to concession facility at quad will keep mud from accumulating on these areas.

Goals And Benefits

Improve playing field conditions.
Improve facility conditions.
Improve overall appearance of park.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
100,000	0	0	0	100,000	0

LOCAL PARKS AND STORM WATER FUND – Parks

Laurel Park Pool Improvements – Wading Pool

Project Description

Renovate the wading pool at Laurel Park to meet current ADA guidelines. A spray ground feature is being proposed for this area along with a chair lift to provide a secondary means of access to the main pool.

Existing Condition

Meet ADA guidelines.

Goals And Benefits

Improve pool accessibility.
Meet ADA guidelines.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
190,000	0	0	0	190,000	0

LOCAL PARKS AND STORM WATER FUND – Parks

Replace Leisure Pool Filters

Project Description

Replace existing filter for leisure pool.

Existing Condition

Existing filter is the last original filter for the facility. It is rusting through from the inside and has been patched to continue using it until a replacement filter can be purchased.

Goals and Benefits

Replace existing filter with state of the art filter.
Provide improved maintenance operation of filter and improve overall water quality for leisure pool.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
125,000	125,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Parks

370 Lakeside Park Development

Project Description

Develop parkland within Lakeside Park. Roads, trails, camp sites, pavilions, playgrounds, lake development, passive play area all will need to be developed within the park.

Existing Condition

The Park was officially open in May of 2011. The following are features of the park that need to be developed.

13/14 Pavilion Parking Lot
14/15 Playground
15/16 Road Paving and Small East Shelter
17/18 50 RV Sites

Goals And Benefits

Provide various amenities to allow for an enjoyable park experience.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,650,000	250,000	300,000	300,000	0	800,000

LOCAL PARKS AND STORM WATER FUND – Storm Water

50/50 Storm Water/Erosion Control Program

Project Description

This project involves small-scale improvements to control storm water and provide erosion control. These improvements may include sewer installations, channelization, detention, various projects to creek banks, and renovation of existing systems. The projects are designed to mitigate damage to private and public property from flooding or address other storm water quality issues.

Existing Condition

There are several areas in St. Peters that flood during wet weather conditions. The conveyance of storm water in the City is primarily by open channel or small creeks and occasionally by a privately installed piped system. Portions of the conveyance system are on private property. Since many storm water mitigation needs are small and located on private property, usually without dedicated easements, the City has adopted a program to provide assistance if the private land owner(s) participated in the project by paying 50% of the cost of materials and contracted labor. If the project addresses a larger public storm water issue, the entire cost of the project may be funded by the City.

Goals And Benefits

Decrease flooding throughout the City
Eliminate flood damage and flood related costs
Improve water quality

Expenditure Schedule

The following table sets forth the amount of funding to be provided by the City.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
500,000	100,000	100,000	100,000	100,000	100,000

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Project Maintenance, Preservation, & Storm Water Quality Monitoring

Project Description

This project allows for maintenance on constructed storm water improvement projects, including retrofitted detention basins and basins maintained under Basin Management Agreements, as well as preservation of quality stream segments within the City. These projects include maintaining the native riparian corridor, which may include removal of invasive plants, management of growth, and supplemental plantings to ensure proper plant diversity and density. This project also includes storm water quality monitoring at selected locations throughout the City.

Existing Condition

- Maintenance completed stream channel stabilization projects
- Stream Channel Preservation Projects
- Mowing Existing Basins before retrofit
- Mowing Existing Basins after retrofit
- Minor Detention Basin Retrofits performed by City Staff
- Water Quality Monitoring of Streams and Basins

Goals And Benefits

Proper plant establishment to stabilize creekbanks, restore a healthy corridor, provide wildlife habitat, and improve water quality.

Expenditure Schedule

The following table sets forth the amount of funding to be provided by the City.

	2013/14	2014/15	2015/16	2016/17	2017/18
Stream Channel Maintenance	100,000	120,000	120,000	130,000	130,000
Stream Channel Preservation	30,000	30,000	30,000	30,000	30,000
Basin Mowing before Retrofit	40,000	40,000	40,000	40,000	40,000
Basin Mowing after Retrofit	10,000	10,000	15,000	15,000	15,000
Minor Basin Retrofits	30,000	30,000	30,000	0	0
WQ Monitoring	30,000	30,000	30,000	30,000	30,000
TOTAL	240,000	260,000	265,000	245,000	245,000

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Department Rolling Stock and Equipment Replacement and Additions

Project Description

This project involves the replacement of rolling stock and equipment used by the Storm Water Department. The project is intended to establish a replacement cycle that matches the life cycle of the asset. The following table sets forth the equipment to be acquired.

	Expected Life					
	In Yrs.	2013/14	2014/15	2015/16	2016/17	2017/18
Equipment						
T300 Skidsteer	7	0	40,000	0	0	0
435 Mini-Excavator	7	0	41,000	0	0	0
Total		0	81,000	0	0	0

Existing Condition

Replacement of vehicles and equipment on a life cycle basis, ensures the provision of continuous efficient service and reduces maintenance costs and down time. The following is a brief description of the vehicles and equipment being replaced.

Equipment	
T300 Skidsteer	This existing 2007 T300 skidsteer is used on various storm sewer projects and will be replaced in FY2014. This universal piece of equipment is used for grading, loading, and excavating
435 Mini-Excavator	This existing 2007 435 mini-excavator is used on various storm sewer projects and will be replaced in FY2014. This piece of equipment is used for excavating trenches, replacing storm sewer tops, and breaking concrete.

Goals And Benefits

Reduce maintenance costs and down time
Increase the department's productivity

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
81,000	0	81,000	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Department Vehicle Replacement and Additions

Project Description

This project involves the replacement of vehicles used by the Storm Water Department. The project is intended to establish a replacement cycle that matches the life cycle of the asset. The following table sets forth the vehicles to be acquired.

	Expected Life					
	In Yrs.	2013/14	2014/15	2015/16	2016/17	2017/18
Vehicle						
Vehicle #558	10	28,000	0	0	0	0
Vehicle #408	10	0	40,000	0	0	0
Vehicle #435	10	0	0	98,000	0	0
Total		28,000	40,000	98,000	0	0

Existing Condition

Replacement of vehicles and equipment on a life cycle basis, ensures the provision of continuous efficient service and reduces maintenance costs and down time. The following is a brief description of the vehicles and equipment being replaced.

Vehicle	
Vehicle #558	Replacement according to the Vehicle Replacement Program. Vehicle assigned to the storm water civil engineer.
Vehicle #408	Replacement according to the Vehicle Replacement Program. Vehicle assigned to the 50/50 open channel crew for carrying material, personnel, tools, and towing equipment.
Vehicle #435	Replacement according to the Vehicle Replacement Program. 1-ton Dump Truck for general use and snow/ice control.

Goals And Benefits

Reduce maintenance costs and down time
Increase the department's productivity

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
166,000	28,000	40,000	98,000	0	0

VOTER APPROVED GENERAL OBLIGATION BONDS – Storm Water

General

On November 28, 2012, the City issued \$4,000,000 in General Obligation Bonds, Series 2012. This is the second 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.

Capital Expenditures

Project Funding - Local Parks and Storm Water Fund Bond Projects

Projected Fund Activity

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Beginning Balance - Contingency	\$0	(\$124,581)	\$3,218,470	\$1,063,200	(\$1,836,800)	\$3,260,834
Revenue						
Bond Proceeds	4,000,000	12,000,000	0	0	8,000,000	0
Interest Income	0	0	0	0	0	0
Other	<u>72,749</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Revenue	<u>4,072,749</u>	<u>12,000,000</u>	<u>0</u>	<u>0</u>	<u>8,000,000</u>	<u>0</u>
Expenditures						
Storm Water Control Projects	1,072,800	0	0	0	0	0
Storm Water Control Projects - Group 1	2,196,000	0	0	0	0	0
Storm Water Control Projects - Group 2	298,096	2,775,563	0	0	0	0
Storm Water Control Projects - Group 3	150,000	1,400,000	0	0	0	0
Storm Water Control Projects - Group 4	290,000	2,704,000	0	0	0	0
Storm Water Control Projects - Group 5	190,434	1,777,386	0	0	0	0
Storm Water Control Projects - Group 6	0	0	2,155,270	0	0	0
Storm Water Control Projects - Group 7	0	0	0	2,900,000	0	0
Storm Water Control Projects - Group 8	0	0	0	0	2,902,366	0
Storm Water Control Projects - Group 9	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,898,596</u>
Total Expenditures	<u>4,197,330</u>	<u>8,656,949</u>	<u>2,155,270</u>	<u>2,900,000</u>	<u>2,902,366</u>	<u>2,898,596</u>
Income (Loss)	<u>(124,581)</u>	<u>3,343,051</u>	<u>(2,155,270)</u>	<u>(2,900,000)</u>	<u>5,097,634</u>	<u>(2,898,596)</u>
Ending Balance - Contingency	<u>(\$124,581)</u>	<u>\$3,218,470</u>	<u>\$1,063,200</u>	<u>(\$1,836,800)</u>	<u>\$3,260,834</u>	<u>\$362,238</u>

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects

Project Description

These projects involve the construction of storm water quality improvements previously designed to reduce flooding, improve drainage and water quality at specific locations in the City.

Existing Condition

These projects include:

- Project #HS-1: Homestead Estates channel improvements
- Project #HST-1: Henry Street storm sewer improvements

Goals And Benefits

Reduce flooding by upgrading the existing storm sewer infrastructure in Old Town south area
Reduce erosion concerns and restore quality stream channels and riparian corridors at specific locations in the City
Continue compliance with MDNR MS4 regulations
Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
1,072,800	1,072,800	0	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – Group 1

Project Description

These projects involve the design and construction of storm water quality retrofits to existing detention basins and associated limited stream bank stabilization improvements as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 1:

- Project #P-1: Country Creek south basin, Country Creek North basin, Canyon Creek basin & channel
- Project #P-2: Country Lake Estates basin, Turnberry Bluffs & Turnberry Gardens basin, St. Peters Villas basin
- Project #P-6: Pegasus Farms north basin, Pegasus Farm south basin, Athens Channel, Willott Square basin
- Project #P-8: Country Crossing Estates in-line basin & channel, Country Crossing Estates channel
- Project #P-9: Ohmes Farm, six detention basins
- Project #P-11: Applewood basin, Enwood basin

Goals And Benefits

Improve water quality by retrofitting basins with forebays, native plantings, modified outlet controls and other BMP alternatives
Reduce erosion concerns and restore quality stream channels and riparian corridors at specific locations in the City
Continue compliance with MDNR MS4 regulations
Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
2,196,000	2,196,000	0	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – Group 2

Project Description

These projects involve the design and construction of stream stabilization improvements for five stream channel reaches and storm water quality retrofits to four existing detention as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 2:

- Project #P-7: Stabilization improvements to the Calwood stream reach within Englewood, Summer Hill Condos, and Sunny Hill Estates
- Project #P-10: Stabilization improvements to the channel reach within Crescent Hills, Springwood, and Hanover Crossing
- Project #P-14: Detention basin retrofits to four basins within The Highlands, and associated channel improvements

Goals And Benefits

Improve water quality by retrofitting basins with forebays, native plantings, modified outlet controls and other BMP alternatives
Reduce erosion concerns and restore quality stream channels and riparian corridors at specific locations in the City
Continue compliance with MDNR MS4 regulations
Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
3,073,659	298,096	2,775,563	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – Group 3

Project Description

These projects include the design and construction of improvements to address flooding by replacing the existing culvert at Boone Hills Drive, stream stabilization and riparian renovation along the stream reach between Boone Hills Drive and Sutters Mill Road as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

The project included in Group 3:

- Project #P-3: McClay Valley Detention basin and Woodbriar channel

Goals And Benefits

Improve water quality by retrofitting basins with forebays, buffer strips, modified outlet controls and other BMP alternatives
Reduce erosion concerns and restore quality stream channels and riparian corridors at specific locations in the City
Continue compliance with MDNR MS4 regulations

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
1,550,000	150,000	1,400,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – Group 4

Project Description

This project includes the design and construction of storm water quality improvements to an existing regional detention basin, improvements to local drainage infrastructure, creation of a new upstream detention basin, and stream stabilization improvements for a stream reach entering the existing basin, as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 4:

- Project #P-17: Boone Hills Drive Box Culvert Replacement
- Project #P-18: Spencer Creek improvements between Boone Hills Drive and Sutters Mill

Goals And Benefits

Reduce flooding by replacing existing box culvert

Reduce erosion concerns and improve water quality by stabilizing and restoring stream channels and riparian

Continue compliance with MDNR MS4 regulations

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
2,994,000	290,000	2,704,000	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – Group 5

Project Description

This project includes the design and construction of stream stabilization improvements to address severe bank erosion and head cutting in two stream channel reaches as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 5:

- Project #P-15: Wolfrum Way Channel improvements (Highlands & Highlands Estates)
- Project #P-16: Deer Meadow Court channel improvements (Highlands Estates)

Goals And Benefits

Reduce erosion concerns, stabilize bed profile, and restore quality riparian corridors on specific stream reaches in the City
Continue compliance with MDNR MS4 regulations
Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
1,967,820	190,434	1,777,386	0	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – **PROPOSED** Group 6

Project Description

These projects involve the design and construction of storm water quality retrofits to existing detention basins, improvements to reduce flooding, and stream bank stabilization improvements at specific locations throughout the City as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 6:

- Project #IP-7368-2-1: Burning Leaf Drive (flooding)
- Project #IP-7368-4-3: Spencer Creek in Millwood (flooding, stream stability)
- Project #IP-7269-1-1: Colby Drive (stream stability)
- Project #IP-7267-4-3: Park Ridge Estates (stream stability, detention)
- Project #IP-7369-3-2: Spencer Trail (stream stability)
- Project #IP-7065-1-1: Montecito (detention)
- Project #IP-6970-1-2: Richmond (detention)
- Project #IP-7071-4-1: Shrine basin (detention)
- Project #IP-7368-2-2: Laurel Park (detention)
- Project #IP-6968-2-3: Country Crossing Manor basin (detention)

Goals And Benefits

Reduce flooding concerns, erosion concerns, stabilize bed profile, and restore quality riparian corridors on specific stream reaches in the City
 Improve water quality by retrofitting basins with forebays, buffer strips, modified outlet controls and other BMP alternatives
 Continue compliance with MDNR MS4 regulations
 Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
2,155,270	0	0	2,155,270	0	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – **PROPOSED** Group 7

Project Description

These projects involve the design and construction of storm water quality retrofits to existing detention basins, improvements to reduce flooding, and stream bank stabilization improvements at specific locations throughout the City as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 7:

- Project #IP-7369-4-1: West Drive (detention and stream stability)
- Project #IP-7369-2-1: Boone Hills Drive and Jungermann Road (flooding, stream stability, detention)
- Project #IP-7467-1-3: Sun River Village (stream stability, detention)
- Project #IP-7367-2-1: Bella Vista (stream stability, detention)
- Project #IP-7467-4-1: Magnolia Manor (stream stability)
- Project #IP-7068-2-1: Bruns Place (stream stability)
- Project #IP-7366-3-1: Novella Court (Flooding, preservation)
- Project #IP-7369-3-3: St. Peters Condos basin (detention)
- Project #IP-7468-1-1: Huntleigh Estates (detention)

Goals And Benefits

Reduce flooding concerns, erosion concerns, stabilize bed profile, and restore quality riparian corridors on specific stream reaches in the City
 Improve water quality by retrofitting basins with forebays, buffer strips, modified outlet controls and other BMP alternatives
 Continue compliance with MDNR MS4 regulations
 Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
2,900,000	0	0	0	2,900,000	0	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – **PROPOSED** Group 8

Project Description

These projects involve the design and construction of storm water quality retrofits to existing detention basins, improvements to reduce flooding, and stream bank stabilization improvements at specific locations throughout the City as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 8:

- Project #IP-7368-1-3: Jungermann Road at Spencer Creek (flooding and stream stability)
- Project #IP-7368-1-4: Tanglewood (stream stability)

Goals And Benefits

Reduce flooding concerns, erosion concerns, stabilize bed profile, and restore quality riparian corridors on specific stream reaches in the City
Improve water quality by retrofitting basins with forebays, buffer strips, modified outlet controls and other BMP alternatives
Continue compliance with MDNR MS4 regulations
Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
2,902,366	0	0	0	0	2,902,366	0

LOCAL PARKS AND STORM WATER FUND – Storm Water

Storm Water Control Projects – **PROPOSED** Group 9

Project Description

These projects involve the design and construction of storm water quality retrofits to existing detention basins, improvements to reduce flooding, and stream bank stabilization improvements at specific locations throughout the City as identified in the 2012 City of St. Peters Storm Water Watershed Master Plan.

Existing Condition

These projects are included in Group 9:

- Project #IP-7368-3-1: Channel behind Jungermann Office Center (stream stability)
- Project #IP-7370-4-1: East branch of Spencer, denuded reach downstream of Jungermann Road (stream stability)
- Project #IP-7370-3-1: East branch of Spencer, downstream of IP-7370-4-1 (stream stability)
- Project #IP-7467-3-1: Windwood detention basin retrofit (detention)
- Project #IP-7268-4-1: Hidden Lake basin retrofit (detention)

Goals And Benefits

Reduce flooding concerns, erosion concerns, stabilize bed profile, and restore quality riparian corridors on specific stream reaches in the City
 Improve water quality by retrofitting basins with forebays, buffer strips, modified outlet controls and other BMP alternatives
 Continue compliance with MDNR MS4 regulations
 Improve water quality throughout the watershed

Expenditure Schedule

Total	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
2,898,596	0	0	0	0	0	2,898,596

Project Funding - Transportation Trust Fund

Projected Fund Activity

	ACTUAL 2010/11	ACTUAL 2011/12	ADOPTED/REVISED BUDGET 2012/13	PROPOSED BUDGET 2013/14	Projected 2014/15	Projected 2015/16	Projected 2016/17	Projected 2017/18
Beginning Balance	\$2,943,815	\$5,977,237	\$5,481,921	\$5,291,381	\$3,445,791	\$2,277,226	\$991,826	\$802,676
Add: Sales Tax	5,888,805	6,133,392	6,453,000	6,746,500	6,948,900	7,313,000	7,586,150	7,813,750
Intergovernmental Revenue	3,000,655	2,584,634	1,458,480	6,620,000	5,326,735	3,448,000	0	0
Build America Bonds Rebate	0	0	149,000	148,500	145,000	141,000	136,200	130,500
Other	3,570,555	245,342	10,000	50,000	50,000	50,000	50,000	50,000
Interest	<u>1,617</u>	<u>1,747</u>	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>	<u>2,000</u>
Total Revenue	<u>12,461,632</u>	<u>8,965,115</u>	<u>8,072,480</u>	<u>13,567,000</u>	<u>12,472,635</u>	<u>10,954,000</u>	<u>7,774,350</u>	<u>7,996,250</u>
Funds Available	<u>15,405,447</u>	<u>14,942,352</u>	<u>13,554,401</u>	<u>18,858,381</u>	<u>15,918,426</u>	<u>13,231,226</u>	<u>8,766,176</u>	<u>8,798,926</u>
Less: Salaries & Fringes	481,307	709,838	772,050	803,700	812,500	821,300	830,300	839,400
Employee Expenses	1,629	9,880	30,370	24,690	24,900	24,900	24,900	24,900
Professional Services	1,888	44,255	68,100	53,200	53,900	54,600	55,300	56,000
Utilities	429,451	508,205	593,000	573,300	582,200	591,200	600,300	609,500
Repairs & Maintenance	152,392	172,359	206,100	262,100	216,100	216,100	216,100	216,100
Supplies & Other	62,456	223,004	185,000	239,600	243,300	247,100	251,000	254,900
Road Construction and Traffic Signals	4,388,516	3,569,256	2,414,500	8,210,000	6,462,500	4,510,000	200,000	200,000
Repairs & Maintenance - Streets Dept.	1,763,552	1,812,526	2,154,000	3,241,000	3,601,000	3,899,000	4,200,000	4,480,000
Capital Expenditures	353,874	666,166	802,400	964,600	609,000	844,000	559,000	896,000
Contingency	0	810	50,000	50,000	50,000	50,000	50,000	50,000
Debt Service	<u>1,777,990</u>	<u>1,531,632</u>	<u>775,000</u>	<u>775,000</u>	<u>770,000</u>	<u>765,000</u>	<u>760,000</u>	<u>755,000</u>
Total Expenditures	<u>9,413,055</u>	<u>9,247,931</u>	<u>8,050,520</u>	<u>15,197,190</u>	<u>13,425,400</u>	<u>12,023,200</u>	<u>7,746,900</u>	<u>8,381,800</u>
Trans. to Reserve For County Funding	0	0	0	0	0	0	0	0
Total Uses Of Funds	<u>9,413,055</u>	<u>9,247,931</u>	<u>8,050,520</u>	<u>15,197,190</u>	<u>13,425,400</u>	<u>12,023,200</u>	<u>7,746,900</u>	<u>8,381,800</u>
Transfer to Post Retirement Benefits Fund	11,500	11,500	11,500	14,400	14,800	15,200	15,600	16,000
Transfer to Capital Project Fund	3,655	0	0	0	0	0	0	0
Administration Overhead	0	<u>201,000</u>	<u>201,000</u>	<u>201,000</u>	<u>201,000</u>	<u>201,000</u>	<u>201,000</u>	<u>201,000</u>
Ending Fund Balance	<u>\$5,977,237</u>	<u>\$5,481,921</u>	<u>\$5,291,381</u>	<u>\$3,445,791</u>	<u>\$2,277,226</u>	<u>\$991,826</u>	<u>\$802,676</u>	<u>\$200,126</u>

TRANSPORTATION TRUST FUND - Capital Project Summary

General

This fund was established following the approval of a ½¢ 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.

The City Fund is also used to account for grants that also 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. The estimated amounts of such grants are set forth on the following table. In the event the City does not obtain its projected grant funding, several of the projects set forth in the Exhibit to this plan may be deferred or not completed.

Transportation Trust Fund Summary	2013/14	2014/15	2015/16	2016/17	2017/18
Road Construction and Traffic Signals	8,210,000	6,462,500	4,510,000	200,000	200,000
Total	8,210,000	6,462,500	4,510,000	200,000	200,000
Major Street Maintenance:					
Asphalt Overlay	1,120,000	1,234,000	1,296,000	1,360,000	1,428,000
Concrete Slab	1,200,000	1,400,000	1,600,000	1,800,000	2,000,000
Concrete Curbs	300,000	300,000	325,000	350,000	350,000
Sidewalks	200,000	200,000	200,000	200,000	200,000
Joint and Crack Repair	146,000	153,000	159,000	165,000	171,000
Roadway Salt	75,000	164,000	169,000	175,000	181,000
Other Maintenance	200,000	150,000	150,000	150,000	150,000
Total	3,241,000	3,601,000	3,899,000	4,200,000	4,480,000
Capital:					
Vehicle Replacements and Additions	440,000	343,000	670,000	280,000	26,000
Rolling Stock	53,100	116,000	24,000	129,000	720,000
Site Improvements	300,000	0	0	0	0
Traffic Signal Improvements	165,000	150,000	150,000	150,000	150,000
Miscellaneous Items Under \$50,000	6,500	0	0	0	0
Total	964,600	609,000	844,000	559,000	896,000

TRANSPORTATION TRUST FUND – Street and Traffic Departments

Road Construction and Reconstruction and Traffic Signals and Intersection Geometric Modification Project

Project Description

The following sets out the funding required for the new road construction and reconstruction projects and the design and installation of traffic signals at several locations in the City of St. Peters. 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 as an exhibit to the plan.

Existing Condition

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.

Goals And Benefits

Establish road systems that promote safe and pleasant travel
Reduce wear and tear on vehicles traveling in St. Peters
Reduce traffic congestion and enable efficient traffic flow
Establish traffic flows and linkages that permit continued growth
Improve air quality through efficient traffic movement

Expenditure Schedule

The following table sets forth the total project cost.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
19,582,500	8,210,000	6,462,500	4,510,000	200,000	200,000

SUMMARY OF ROAD AND SIGNAL PROJECTS

PROJECT	ITEM	FY 13		FY 14		FY15		FY16		FY17		FY18				
		EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET	EXPENSE	REVENUE	NET			
ENHANCEMENTS/ OTHER COSTS	CONSTRUCTION	268,000	-	268,000	226,000	-	226,000	250,000	-	250,000	200,000	-	200,000	200,000	-	200,000
ARROWHEAD & SALT RIVER TRAFFIC SIGNAL	CONSTRUCTION	50,000	-	50,000	-	-	-	-	-	-	-	-	-	-	-	-
BURNING LEAF BOX CULVERT REPLACEMENT	DESIGN	20,000	-	20,000	-	-	-	-	-	-	-	-	-	-	-	-
BURNING LEAF BOX CULVERT REPLACEMENT	UTILITY	-	-	-	50,000	-	50,000	-	-	-	-	-	-	-	-	-
BURNING LEAF BOX CULVERT REPLACEMENT	CONSTRUCTION	-	-	-	215,000	-	215,000	-	-	-	-	-	-	-	-	-
CITY ENTRANCE SIGNS		50,000	-	50,000	-	-	-	-	-	-	-	-	-	-	-	-
EHLMANN ROAD CONNECTION	CONSTRUCTION	17,500	14,000	3,500	-	-	-	-	-	-	-	-	-	-	-	-
EHLMANN ROAD EXTENSION II	DESIGN	50,500	40,400	10,100	-	-	-	-	-	-	-	-	-	-	-	-
EHLMANN ROAD EXTENSION II	ROW	153,000	122,400	30,600	-	-	-	-	-	-	-	-	-	-	-	-
EHLMANN ROAD EXTENSION II	CONSTRUCTION	566,000	452,800	113,200	-	-	-	-	-	-	-	-	-	-	-	-
EXECUTIVE CENTER PARKWAY @ BJC TRAFFIC SIGNAL	CONSTRUCTION	-	-	-	-	-	-	230,000	-	230,000	-	-	-	-	-	-
EXECUTIVE CTR & MEXICO - CONCRETE INLAY		70,500	-	70,500	-	-	-	-	-	-	-	-	-	-	-	-
FLASHING YELLOW ARROW RETROFIT	CONSTRUCTION	365,000	288,000	77,000	-	-	-	-	-	-	-	-	-	-	-	-
I-70 ACCESS IMPROVEMENTS (Backage Road)	CONSTRUCTION	-	-	-	500,000	400,000	100,000	-	-	-	-	-	-	-	-	-
I-70 ACCESS IMPROVEMENTS (Executive Roundabout /w Bridge Enhancements)	CONSTRUCTION	-	-	-	750,000	600,000	150,000	-	-	-	-	-	-	-	-	-
I-70 ACCESS IMPROVEMENTS (Spencer Roundabout /w Bridge Enhancements)	CONSTRUCTION	-	-	-	750,000	600,000	150,000	-	-	-	-	-	-	-	-	-
I-70 ACCESS IMPROVEMENTS (Way Finding)	CONSTRUCTION	-	-	-	100,000	80,000	20,000	-	-	-	-	-	-	-	-	-
JUNGERMANN ROAD RESURFACING	CONSTRUCTION	40,000	-	40,000	-	-	-	-	-	-	-	-	-	-	-	-
MEXICO ROAD - JUNGERMANN ROAD INTERSECTION IMPROVEMENTS	DESIGN	-	-	-	100,000	80,000	20,000	-	-	-	-	-	-	-	-	-
MEXICO ROAD - JUNGERMANN ROAD INTERSECTION IMPROVEMENTS	ROW	-	-	-	250,000	200,000	50,000	-	-	-	-	-	-	-	-	-
MEXICO ROAD - JUNGERMANN ROAD INTERSECTION IMPROVEMENTS	UTILITY	-	-	-	500,000	400,000	100,000	-	-	-	-	-	-	-	-	-
MEXICO ROAD - JUNGERMANN ROAD INTERSECTION IMPROVEMENTS	CONSTRUCTION	-	-	-	1,000,000	800,000	200,000	-	-	-	-	-	-	-	-	-
MEXICO ROAD RESURFACING (MRMD TO BELLEAU CREEK)	CONSTRUCTION	-	-	-	-	-	-	1,200,000	960,000	240,000	-	-	-	-	-	-
MID RIVERS MALL DRIVE RESURFACING II (MEXICO RD TO ST. PETERS-HOWELL)	CONSTRUCTION	-	-	-	1,300,000	1,248,000	52,000	-	-	-	-	-	-	-	-	-
MRMD - PAGE AVENUE BRIDGE ENHANCEMENTS REIMBURSEMENT	CONSTRUCTION	-	40,000	(40,000)	-	-	-	-	-	-	-	-	-	-	-	-
MRMD ACCESS MANAGEMENT IMPROVEMENT PLAN	CONSTRUCTION	120,000	-	120,000	-	-	-	-	-	-	-	-	-	-	-	-
MRMD WIDENING (NOR TO SALT RIVER ROAD)	DESIGN	-	-	-	40,000	32,000	8,000	-	-	-	-	-	-	-	-	-
MRMD WIDENING (NOR TO SALT RIVER ROAD)	ROW	-	-	-	60,000	48,000	12,000	-	-	-	-	-	-	-	-	-
MRMD WIDENING (NOR TO SALT RIVER ROAD)	R/R	-	-	-	250,000	200,000	50,000	-	-	-	-	-	-	-	-	-
MRMD WIDENING (NOR TO SALT RIVER ROAD)	CONSTRUCTION	-	-	-	164,000	131,200	32,800	-	-	-	-	-	-	-	-	-
QUEENSBROOK @ HARVESTER INTERSECTION AND SIGNAL	CONSTRUCTION	-	-	-	-	-	-	230,000	500,000	(270,000)	-	-	-	-	-	-
SALT LICK ROAD - MEXICO ROAD INTERSECTION IMPROVEMENTS	ROW	95,000	18,680	76,320	-	-	-	-	-	-	-	-	-	-	-	-
SALT LICK ROAD - MEXICO ROAD INTERSECTION IMPROVEMENTS	UTILITY	96,000	76,800	19,200	-	-	-	-	-	-	-	-	-	-	-	-
SALT LICK ROAD - MEXICO ROAD INTERSECTION IMPROVEMENTS	CONSTRUCTION	323,000	293,400	29,600	-	-	-	-	-	-	-	-	-	-	-	-
SALT LICK ROAD RESURFACING	CONSTRUCTION	-	-	-	-	-	-	1,100,000	880,000	220,000	-	-	-	-	-	-
SALT RIVER EXCHANGE		10,000	-	10,000	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH OUTER ROAD CONNECTOR	DESIGN	-	-	-	475,000	380,000	95,000	-	-	-	-	-	-	-	-	-
SOUTH OUTER ROAD CONNECTOR	ROW	-	-	-	-	-	-	1,140,000	912,000	228,000	-	-	-	-	-	-
SOUTH OUTER ROAD CONNECTOR	MITIGATION	-	-	-	-	-	-	250,000	200,000	50,000	-	-	-	-	-	-
SOUTH OUTER ROAD CONNECTOR	UTILITY	-	-	-	-	-	-	150,000	120,000	30,000	-	-	-	-	-	-
SOUTH OUTER ROAD CONNECTOR	CONSTRUCTION	-	-	-	-	-	-	-	-	-	3,050,000	2,440,000	610,000	-	-	-
ST. PETERS GOLF COURSE ENTRANCE RELOCATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUTTERS MILL BRIDGE REPLACEMENT	DESIGN	-	-	-	-	-	-	125,000	100,000	25,000	-	-	-	-	-	-
SUTTERS MILL BRIDGE REPLACEMENT	ROW	-	-	-	-	-	-	80,000	64,000	16,000	-	-	-	-	-	-
SUTTERS MILL BRIDGE REPLACEMENT	UTILITY	-	-	-	-	-	-	-	-	-	100,000	80,000	20,000	-	-	-
SUTTERS MILL BRIDGE REPLACEMENT	CONSTRUCTION	-	-	-	-	-	-	-	-	-	1,160,000	928,000	232,000	-	-	-
WEST SUNNY HILLS PH II	CONSTRUCTION	20,000	16,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-
WILLOTT ROAD BRIDGE REPLACEMENT	DESIGN	100,000	96,000	4,000	-	-	-	-	-	-	-	-	-	-	-	-
WILLOTT ROAD BRIDGE REPLACEMENT	ROW	-	-	-	80,000	76,800	3,200	-	-	-	-	-	-	-	-	-
WILLOTT ROAD BRIDGE REPLACEMENT	ENGINEERING	-	-	-	-	-	-	100,000	96,000	4,000	-	-	-	-	-	-
WILLOTT ROAD BRIDGE REPLACEMENT	CONSTRUCTION	-	-	-	-	-	-	1,607,500	1,494,735	112,765	-	-	-	-	-	-
WILLOTT ROAD RESURFACING	CONSTRUCTION	-	-	-	1,400,000	1,344,000	56,000	-	-	-	-	-	-	-	-	-
GRAND TOTAL (FUNDED ROAD AND SIGNAL)		2,414,500	1,458,480	956,020	8,210,000	6,620,000	1,590,000	6,462,500	5,326,735	1,135,765	4,510,000	3,448,000	1,062,000	200,000	-	200,000

TRANSPORTATION TRUST FUND – Street Department

Asphalt Overlay

Project Description

The Street Division of the Public Works Group is responsible for the maintenance of approximately 83.01 centerline miles of asphalt streets. Each year an assessment is made of the street conditions compared to ratings recorded the year before to determine the streets to be repaired.

Existing Condition

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 their 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.

Goals And Benefits

Resurface 118,378 square yards of asphalt pavement per year to obtain a 12-year pavement service life.
Reduce wear and tear on vehicles traveling in St. Peters.
Maintain property values and the City of St. Peters as an aesthetically pleasing place to live.
Establish necessary road repair programs that prevent further deterioration and substantially more costly repairs.

Expenditure Schedule

The following table sets forth the minimum funding required for this project.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
6,438,000	1,120,000	1,234,000	1,296,000	1,360,000	1,428,000

TRANSPORTATION TRUST FUND – Street Department

Concrete Slab Replacement

Project Description

This project involves the repair and replacement of concrete streets. Each year an assessment is made of the street conditions compared to ratings recorded the year before to determine the streets to be repaired.

Existing Condition

There is 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 5,400 square yards of defective 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.

The project will also include the installation of American with Disabilities Act (ADA) compliant accessible ramps, where sidewalks are present, along streets where curb replacement operations are planned.

Goals and Benefits

Remove and replace 60,700 square yards of damaged concrete pavement per year to obtain a 35-year pavement service life.

Reduce wear and tear on vehicles traveling in St. Peters.

Provide safe and accessible pedestrian street crossings.

Maintain property values and the City of St. Peters as an aesthetically pleasing place to live.

Prioritize and accelerate road repair programs thereby avoiding further deterioration and substantially more costly repairs.

Expenditure Schedule

The following table sets forth the minimum funding required for this project.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
8,000,000	1,200,000	1,400,000	1,600,000	1,800,000	2,000,000

TRANSPORTATION TRUST FUND – Street Department

Curb Repair

Project Description

This project involves the replacement of concrete curb and gutter as required to maintain proper storm water drainage and perform asphalt overlays of City of St. Peters' maintained streets.

Existing Condition

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. As these asphalt streets age, resurfacing in the form of asphalt overlay is required. A key component of a successful asphalt overlay operation is the replacement of damaged curb and gutter sections prior to the start of overlay operations. In addition, regular maintenance of curb and gutter systems helps to maintain the service life of the pavement. The current budget allows for the replacement of 10,000 lineal feet of concrete curb and gutter annually. Removal and replacement of 26,136 lineal feet annually is required to achieve a 36-year service life for concrete curb and gutter, which is the program goal.

The project will also include the installation of American with Disabilities Act (ADA) compliant accessible ramps, where sidewalks are present, along streets where curb replacement operations are planned.

Goals and Benefits

- Remove and replace 26,136 lineal feet of damaged curb and gutter per year to obtain a 36-year service life.
- Maintain proper storm water drainage.
- Aid in facilitating successful asphalt overlay operations.
- Provide safe and accessible pedestrian street crossings.
- Maintain property values and the City of St. Peters as an aesthetically pleasing place to live.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,625,000	300,000	300,000	325,000	350,000	350,000

TRANSPORTATION TRUST FUND – Street Department

Sidewalk Repair/Sidewalk Infill

Project Description

This project involves the repair and upgrade of existing sidewalks and pedestrian crossings to current Americans with Disabilities Act (ADA) standards, and the construction of new concrete sidewalk facilities. 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 infill projects through available funding sources such as MoDOT's Safe Routes to School program or East-West Gateway's STP-Enhancement program.

Existing Condition

There are currently 81 miles (427,680 lineal feet) of sidewalks maintained by the City of St. Peters. These sidewalks deteriorate as they age, making periodic repair and replacement necessary to ensure safe pedestrian travel and maintain neighborhood aesthetics and property values. In addition, some sidewalks are not compliant with current ADA standards, and require upgrades, such as assessable ramps.

Goals and Benefits

Provide sidewalks for safe and pleasant passage by pedestrians.
Bring the sidewalk network into compliance with ADA standards.
Maintain property values.
Maintain St. Peters as an aesthetically pleasing place to live.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,000,000	200,000	200,000	200,000	200,000	200,000

TRANSPORTATION TRUST FUND – Street Department

Joint and Crack Sealing

Project Description

This project involves the periodic sealing of joints and cracks in concrete and asphalt pavements.

Existing Condition

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 85,802 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.

Goals and Benefits

Seal 113,800 centerline feet of pavement per year to obtain a 10-year service life.
Extend Pavement Service Life.
Maintain Roads for Safe and Pleasant Travel.
Prevent further deterioration of pavements requiring more costly repairs.

Expenditure Schedule

The following table sets forth the amount of funding to be provided by the City.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
794,000	146,000	153,000	159,000	165,000	171,000

TRANSPORTATION TRUST FUND – Traffic Department

Deicing Chemicals

Project Description

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

Existing Conditions

The City of St. Peters maintains 528 lane miles (228.17 centerline miles) of road ways. 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 6,000 gallons of salt brine.

Goals and Benefits

Maintain the safe travel through the City's roadway system.
Cost effectively purchase required chemicals in bulk amounts.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
764,000	75,000	164,000	169,000	175,000	181,000

TRANSPORTATION TRUST FUND – Street and Traffic Departments

Vehicle Replacement and Additions

Project Description

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

	Expected Life					
	In Yrs.	2013/14	2014/15	2015/16	2016/17	2017/18
<u>Vehicles</u>						
Sedans/SUV	8	0	39,000	0	0	26,000 (301)
¾-Ton Trucks	8	0	0	0	110,000 (304, 305)	0
1-Ton Trucks	10	176,000 (331, 333)	159,000 (330, 334)	305,000 (336, 353, 335)	0	0
2-Ton Dump Trucks	12	264,000 (344, 345)	145,000 (329)	185,000 (349)	170,000 (346)	0
5-Ton Tandem Dump Truck	14	0	0	0	0	0
Tractor	14	0	0	180,000 (354)	0	0
Total		440,000	343,000	670,000	280,000	26,000

Existing Condition

The Street and Traffic Departments, a division of the Public Works Services Group, maintains St. Peter's 461 lane miles of streets and 65 signalized intersections. Responsibilities include maintenance of asphalt and concrete streets, curbs, sidewalks, traffic signals, streetlights, and crack sealing. In addition, the department is responsible for snow and ice removal.

Replacement of vehicles and equipment on a life cycle basis, ensures the provision of continuous efficient service and reduces maintenance costs and down time. The following is a brief description of the vehicles and equipment being replaced.

Vehicles	
Mid/Full Size Sedans/SUV	Scheduled for replacement as part of the City's fleet replacement schedule. The sedan scheduled for replacement is car 689-HSS in 2014/15. The SUV scheduled for replacement is vehicle 301.
¾-Ton Trucks	The trucks are used by Traffic supervisors to inspect and coordinate department activities.
1-Ton Trucks	The Street department operates these trucks for general hauling, maintenance projects, snow and ice control operations and sign and pavement marking operations.
2-Ton Dump Trucks	The Street department operates these trucks for general hauling, snow and ice control operations, pot hole patching and tack oil placement.
5-Ton Dump Truck	The trucks are operated by the street department for general hauling and snow and ice control operations.
Tractor	The tractor is operated by the street department, and other departments for hauling large equipment.

Goals And Benefits

Reduce maintenance costs and down time.

Provide safe and clean streets.

Permit continuous and efficient road and signal maintenance by the City rather than contracting out services.

Increase the department's productivity.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,759,000	440,000	343,000	670,000	280,000	26,000

TRANSPORTATION TRUST FUND – Street and Traffic Departments

Rolling Stock and Equipment Replacement and Additions

Project Description

This project involves the replacement of rolling stock and equipment used by the Street and Traffic Departments. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles and equipment. The project also describes equipment or vehicles to be added. The following table sets forth the vehicles and equipment to be acquired that have an acquisition cost in excess of \$50,000. License number of truck or equipment to be replaced shown in ().

	Expected Life					
	In Yrs.	2013/14	2014/15	2015/16	2016/17	2017/18
Equipment						
Skid Steer	7	45,100		0	65,000	0
V-Box Salt Spreaders	10	8,000	16,000	24,000	0	0
Asphalt Paver	10	0	0	0	0	0
10 Ton Roller	15	0	0	0	0	0
5 Ton Roller	15	0	100,000	0	0	0
PWS Building Generator	20	0	0	0	64,000	0
Large Pavement Mill	10	0	0	0	0	700,000
Power Box	15	0	0	0	0	20,000
Total		53,100	116,000	24,000	129,000	720,000

Existing Condition

The Street and Traffic Departments, a division of the Public Works Services Group, maintains St. Peter's 528 lane miles of streets and 77 signalized intersections. Responsibilities include maintenance of asphalt and concrete streets, curbs, sidewalks, traffic signals, streetlights, and crack sealing. In addition, the department is responsible for snow and ice removal.

Replacement of vehicles and equipment on a life cycle basis, ensures the provision of continuous efficient service and reduces maintenance costs and down time. The following is a brief description of the vehicles and equipment being replaced.

Equipment	
Skid Steer	Scheduled for replacement as part of the Street Department's equipment replacement schedule. Skid Steers are scheduled for replacement in 2013/14. Skid steer operated by the Street Department to perform various maintenance operations.
V-Box Salt Spreaders	Scheduled for refurbishment or replacement as part of the Street Department's equipment replacement schedule. V-box spreaders scheduled include three 2.1 cubic yard spreaders in 2014/15 and two 3.1 cubic yard spreaders in 2015/16.
Asphalt Paver	Scheduled for replacement as part of the Street Departments' equipment replacement schedule. The current asphalt paver was purchased in 2013. The actual cost the unit is estimated at \$350,000.
10 Ton Roller	Scheduled for replacement as part of the Street Department's equipment replacement schedule. The 10-ton roller was purchased in 1999. The roller is used for asphalt resurfacing operations.
5 Ton Roller	Scheduled for replacement as part of the Street Departments' equipment replacement schedule. The current 5-ton roller was purchased in 1999. The roller is used for asphalt resurfacing and concrete pavement replacement operations.
PWS Building Generator	Replacement of the emergency electric generator for the City's building at 100 Boone Hills Drive.
Large Pavement Mill	The 2008 Cat PM200 Pavement Mill was purchased in 2008 and is scheduled for replacement as part of the Streets Department's equipment replacement schedule in 2017/18. This mill is operated by the Streets Department to perform asphalt mill operations.
Power Box	Scheduled for replacement of as part of the Street Department's equipment replacement schedule. 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.

Goals And Benefits

- Reduce maintenance costs and down time.
- Provide safe and clean streets.
- Permit continuous and efficient road and signal maintenance by the City rather than contracting out services.
- Increase the department's productivity.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,042,100	53,100	116,000	24,000	129,000	720,000

TRANSPORTATION TRUST FUND – Street Department

100 Boone Hills Drive, Sagemont Drive and Indacom Drive Site Improvements

Project Description

This project involves parking lot resurfacing, removal and replacement of existing security fencing, construction of bulk storage bays and installation of storm water quality control measures at the City's 100 Boone Hills Drive, Sagemont Drive and Indacom Drive facilities.

Existing Conditions

Said facilities serve as the base of operations for the City of St. Peters Street, Traffic and Parks departments. The City's Street and Traffic departments operate and maintain 528 lanes miles of pavement, 95 centerline miles of sidewalk, 7,200 street signs, 77 signalized intersections and 900 street lights throughout the City of St. Peters. The City of St. Peters Parks department operates and maintains 25 City parks encompassing 1,283 acres of land.

Goals and Benefits

Provide safe, efficient, maintainable and attractive City facilities.
Comply with current City codes and applicable State and Federal regulations.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
300,000	300,000	0	0	0	0

TRANSPORTATION TRUST FUND – Traffic Department

Traffic Signal Capital Improvements

Project Description

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.

Existing Conditions

The City of St. Peters operates and maintains 77 signalized intersections throughout the City of St. Peters. The signals and related components range in age from 30 years to 1 year.

Goals and Benefits

Maintain the safe operations of the City's traffic signal system and the safety the traveling public.
Reduce congestion on City signalized roadways.
Reduce staff time required to maintain traffic signals and respond to traffic problems.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
765,000	165,000	150,000	150,000	150,000	150,000

Project Funding - Central Materials Processing Facility Fund

Projected Fund Activity

	ACTUAL 2010/11	ACTUAL 2011/12	ADOPTED/REVISED BUDGET 2012/13	PROPOSED BUDGET 2013/14	Projected 2014/15	Projected 2015/16	Projected 2016/17	Projected 2017/18
Beginning Fund Balance	\$990,563	\$1,033,326	\$808,884	\$455,829	\$312,294	\$301,294	\$326,494	\$283,594
Add: Revenues	3,447,567	3,392,775	3,658,000	3,801,500	4,724,800	4,848,400	4,976,000	5,108,300
Funds Available	<u>4,438,130</u>	<u>4,426,101</u>	<u>4,466,884</u>	<u>4,257,329</u>	<u>5,037,094</u>	<u>5,149,694</u>	<u>5,302,494</u>	<u>5,391,894</u>
Salaries & Fringes	1,509,838	1,515,546	1,687,000	1,849,600	2,029,600	2,040,500	2,051,400	2,062,400
Employee Expenses	9,040	10,884	8,695	11,665	12,200	12,800	13,400	14,000
Professional Services	24,012	20,671	78,300	40,450	25,900	26,200	26,500	26,800
Utilities	53,294	44,416	52,000	51,300	52,100	52,900	53,700	54,500
Repairs & Maintenance	216,440	159,372	96,900	108,900	110,100	111,400	112,700	114,000
Supplies & Other	320,892	361,813	409,060	399,030	404,000	409,400	414,800	420,400
Tipping Fees	862,394	907,043	985,500	1,015,000	1,680,300	1,705,600	1,731,200	1,757,200
Capital Expenditures	76,794	92,872	439,000	83,240	35,000	77,000	227,000	142,000
Less: Expenditures	3,072,704	3,112,617	3,756,455	3,559,185	4,349,200	4,435,800	4,630,700	4,591,300
Total Expenses Before Transfers To Other Funds	<u>3,072,704</u>	<u>3,112,617</u>	<u>3,756,455</u>	<u>3,559,185</u>	<u>4,349,200</u>	<u>4,435,800</u>	<u>4,630,700</u>	<u>4,591,300</u>
Overhead/Fleet Allocation	307,100	354,600	354,600	354,600	354,600	354,600	354,600	354,600
Transfer to Post Retirement Benefits Fund/Trust	25,000	25,000	25,000	31,250	32,000	32,800	33,600	34,400
Transfer to Reserves	0	125,000	(125,000)	0	0	0	0	0
Ending Fund Balance	<u>\$1,033,326</u>	<u>\$808,884</u>	<u>\$455,829</u>	<u>\$312,294</u>	<u>\$301,294</u>	<u>\$326,494</u>	<u>\$283,594</u>	<u>\$411,594</u>

CENTRAL MATERIALS PROCESSING FACILITY FUND – Capital Project Summary

General

The City operates a Central Materials Processing Facility. Through the sale of recovered materials, the facility is intended to be a self-supporting enterprise. The goal of the City is to continue to operate the facility on a break-even basis.

Capital Expenditures

	2013/14	2014/15	2015/16	2016/17	2017/18
Rolling Stock and Equipment	40,000	0	42,000	192,000	107,000
Miscellaneous Items Under \$50,000	43,240	35,000	35,000	35,000	35,000
TOTAL	83,240	35,000	77,000	227,000	142,000

HES - CMPF

Rolling Stock and Equipment Replacement and Additions

Project Description

This project involves the replacement of rolling stock and equipment used by the City. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles and equipment. The project also describes equipment or vehicles to be added. The following table sets forth the vehicles and equipment to be acquired that have an acquisition cost in excess of \$50,000.

Capital Expenditures

	Expected Life	2013/14	2014/15	2015/16	2016/17	2017/18
Equipment						
Front Wheel Loader L90E Volvo, 03, and Case 97	10,000 hours	0	0	0	192,000	0
Bobcat (B)/Forklift (F)	5 years	40,000 (B)	0	42,000 (F)	0	44,000 (B)
Conveyor Belt Replacement C-100 & C-106		0	0	0	0	63,000
TOTAL		40,000	0	42,000	192,000	107,000

Existing Condition

Equipment	
Front Wheel Loader, Volvo	To replace wheel loader 03 (Volvo) with an equivalent unit. The existing wheel loader will reach its expected life cycle in 2012/13. This loader is used continuously to push, move, and load MSW. Keep present JD loader as a spare; and use two loaders during heavy MSW flow. Includes tires and bucket.
Bobcat/Forklift	To replace bobcat and/or forklift. This equipment moves materials for baling and sale. Forklift 2015/16 and Bobcat 2013/14.
Conveyor Belt Replacement C-100 & C-106	Replace existing belts that will be in excess of 15 years old.

Goals and Benefits

Minimize operating and maintenance costs
Replace on normal life cycle schedule
Increase the department's productivity

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
381,000	40,000	0	42,000	192,000	107,000

Project Funding - Rec-Plex and General Recreation

Projected Fund Activity

	ACTUAL 2010/11	ACTUAL 2011/12	ADOPTED/REVISED BUDGET 2012/13	PROPOSED BUDGET 2013/14	Projected 2014/15	Projected 2015/16	Projected 2016/17	Projected 2017/18
Beginning Fund Balance	\$8,955	\$23,343	\$410,012	\$160,027	\$12,112	\$28,612	\$70,812	\$88,012
Transfer From General Fund	1,050,000	1,000,000	0	0	0	0	0	0
Transfer From Local Parks and Storm Water Fund	0	0	500,000	650,000	450,000	300,000	300,000	200,000
Tourism Funding	0	0	125,000	150,000	175,000	175,000	175,000	175,000
Add: REC-PLEX Revenue	4,879,188	4,850,542	5,098,100	5,211,700	5,349,900	5,492,500	5,640,100	5,792,600
General Recreation Revenue	446,641	421,838	500,700	500,700	500,700	500,700	500,700	500,700
Golf Course Revenue	711,579	909,571	793,100	841,425	868,000	895,500	923,700	952,700
370 Lakeside Park Revenue	<u>55,937</u>	<u>202,752</u>	<u>206,400</u>	<u>277,200</u>	<u>305,900</u>	<u>328,400</u>	<u>349,000</u>	<u>367,300</u>
Total Revenue	6,093,345	6,384,702	6,598,300	6,831,025	7,024,500	7,217,100	7,413,500	7,613,300
Funds Available	<u>7,152,300</u>	<u>7,408,045</u>	<u>7,633,312</u>	<u>7,791,052</u>	<u>7,661,612</u>	<u>7,720,712</u>	<u>7,959,312</u>	<u>8,076,312</u>
Less: Rec-Plex Expense Not Including Capital	3,991,411	4,026,059	4,017,635	4,319,365	4,411,600	4,506,200	4,602,400	4,700,800
Rec-Plex Capital	314,282	32,399	210,275	428,885	147,000	20,000	100,000	0
General Recreation Expense	410,858	403,518	494,075	444,750	456,900	468,800	480,800	492,900
Golf Course Expense	745,755	760,151	881,900	839,425	856,500	875,100	894,000	913,200
370 Lakeside Park Expense	94,456	302,881	340,780	347,515	356,400	365,700	375,100	384,600
Debt Service	1,585,636	1,441,501	1,445,000	1,444,500	1,440,000	1,440,000	1,435,000	1,435,000
Refinance Outstanding Bonds	0	0	0	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)
Transfer To(From) Reserve For Natatorium Foundation	(63,665)	60	0	0	0	0	0	0
Transfer To(From) Reserves	<u>32,224</u>	<u>13,464</u>	<u>(35,641)</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>
Total Uses Of Funds	<u>7,110,957</u>	<u>6,980,033</u>	<u>7,354,024</u>	<u>7,754,440</u>	<u>7,598,400</u>	<u>7,605,800</u>	<u>7,817,300</u>	<u>7,856,500</u>
Transfer to General Fund	0	0	40,641	0	0	0	0	0
Transfer to Post Retirement Benefits Fund/Trust	18,000	18,000	18,000	22,500	23,100	23,700	24,300	24,900
Transfer to Reserves - Golf Course	<u>\$0</u>	<u>0</u>	<u>60,620</u>	<u>2,000</u>	<u>11,500</u>	<u>20,400</u>	<u>29,700</u>	<u>39,500</u>
Ending Fund Balance	<u>\$23,343</u>	<u>\$410,012</u>	<u>\$160,027</u>	<u>\$12,112</u>	<u>\$28,612</u>	<u>\$70,812</u>	<u>\$88,012</u>	<u>\$155,412</u>

RECREATION FUND – Capital Project Summary

General

The City's recreation fund is a special revenue fund used to account for revenues restricted for recreation purposes.

Capital Expenditures

	2013/14	2014/15	2015/16	2016/17	2017/18
REC-PLEX	331,000	147,000	20,000	100,000	0
Miscellaneous Items Under \$50,000	97,885	0	0	0	0
Total	428,885	147,000	20,000	100,000	0

RECREATION FUND – Recreation

Capital Expenditures – REC-PLEX

	2013/14	2014/15	2015/16	2016/17	2017/18
Ice Rink Flooring	75,000	0	0	0	0
Ice Rink Improvements	6,000	0	0	0	0
Replace Cardio Equipment	0	62,000	0	100,000	0
Upgrade Energy Management System	0	10,000	0	0	0
Replace Starting Blocks	0	75,000	0	0	0
ADA Improvements in Natatorium	0	0	20,000	0	0
Replace Pool Slide	250,000	0	0	0	0
TOTAL	331,000	147,000	20,000	100,000	0

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
598,000	331,000	147,000	20,000	100,000	0

RECREATION FUND – REC-PLEX

Ice Rink Flooring

Project Description

Purchase homosote type material with plywood sheeting to provide hard surface over ice for in-line skating events as well as other events in the future.

Existing Condition

Currently we have to remove the ice in order to hold other events such as "State Wars". Taking down and remaking ice takes a lot of staff time and is hard on the equipment. Temporary flooring materials will allow less down time of the ice and requires less labor to change ver the rinks.

Goals and Benefits

Reduced staff time.
Less down time of ice.
Less stress on equipment.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
75,000	75,000	0	0	0	0

RECREATION FUND – REC-PLEX

Ice Rink Improvements

Project Description

Purchase four new follow spot lights.

Existing Condition

Currently the ice rink does not have follow spot lights and must rent this equipment for ice shows at a cost of \$750 for each show.

Goals And Benefits

Eliminate need to rent equipment.

Provide additional lighting options for Performing Arts Theatre rentals.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
6,000	6,000	0	0	0	0

RECREATION FUND – REC-PLEX

Replace Cardio Equipment

Project Description

Proposition P Planned Project:
Replace cardio equipment at Rec-Plex as equipment begins to wear out.

Existing Condition

Presently there is over 70 pieces of cardio equipment at Rec-Plex that is heavily used by 3,000+ pass holders. Equipment will need to be replaced over time due to wear.

Goals And Benefits

Provide state of the art cardio equipment for users.
Reduce down time of equipment due to repair.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
162,000	0	62,000	0	100,000	0

RECREATION FUND – REC-PLEX

ADA Improvements in Natatorium

Project Description

Provide additional chair lift for leisure pool, new water steps for 50 meter pool and grab bars on hot tub to improve accessibility for all users.

Existing Condition

These improvements are required to meet the current ADA guidelines. Estimated cost for chair lift is 12,000; step is 4,500 and grab bar is 3,500.

Goals and Benefits

Improve accessibility to areas within the Natatorium.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
20,000	0	0	20,000	0	0

Project Funding - Solid Waste Fund

Projected Fund Activity

	ACTUAL 2010/11	ACTUAL 2011/12	ADOPTED/REVISED BUDGET 2012/13	PROPOSED BUDGET 2013/14	Projected 2014/15	Projected 2015/16	Projected 2016/17	Projected 2017/18
Beginning Fund Balance	\$765,297	\$624,464	\$421,108	\$692,182	\$655,462	\$586,362	\$775,462	\$692,162
Add: Revenues	3,736,832	3,915,872	4,011,200	4,917,900	5,583,400	5,716,200	5,852,400	5,992,000
Judgement Revenue	<u>0</u>	<u>0</u>	<u>900,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Funds Available	<u>4,502,129</u>	<u>4,540,336</u>	<u>5,332,308</u>	<u>5,610,082</u>	<u>6,238,862</u>	<u>6,302,562</u>	<u>6,627,862</u>	<u>6,684,162</u>
Salaries & Fringes	2,167,824	2,030,966	2,225,300	2,335,700	2,359,800	2,384,200	2,408,800	2,433,600
Employee Expenses	11,966	16,729	20,635	26,140	26,700	27,400	28,100	28,800
Professional Services	12,145	16,800	26,180	17,180	17,200	17,200	17,200	17,200
Utilities	45,235	35,358	49,000	47,700	48,400	49,100	49,800	50,500
Repairs & Maintenance	220,789	288,446	223,950	297,400	291,400	276,000	276,000	276,000
Supplies & Other	2,608,751	364,796	422,400	426,100	430,900	436,000	441,100	446,200
Tipping Fees	910,203	929,864	950,000	1,023,900	1,041,800	1,060,000	1,078,600	1,097,400
Capital Expenditures	697,165	763,869	549,000	1,358,100	806,000	646,000	1,004,000	592,000
Less: Expenditures	<u>6,674,078</u>	<u>4,446,828</u>	<u>4,466,465</u>	<u>5,532,220</u>	<u>5,022,200</u>	<u>4,895,900</u>	<u>5,303,600</u>	<u>4,941,700</u>
Transfer To(From) Reserves	<u>(3,455,313)</u>	<u>(950,000)</u>	<u>(1,610,500)</u>	<u>(1,207,000)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Expenses Before Transfers To Other Funds	<u>3,218,765</u>	<u>3,496,828</u>	<u>2,855,965</u>	<u>4,325,220</u>	<u>5,022,200</u>	<u>4,895,900</u>	<u>5,303,600</u>	<u>4,941,700</u>
Overhead/Fleet Allocation	630,900	594,400	594,400	594,400	594,400	594,400	594,400	594,400
Transfer to General Fund	0	0	1,161,761	0	0	0	0	0
Transfer to Post Retirement Benefits Fund/Trust	<u>28,000</u>	<u>28,000</u>	<u>28,000</u>	<u>35,000</u>	<u>35,900</u>	<u>36,800</u>	<u>37,700</u>	<u>38,600</u>
Ending Fund Balance	<u>\$624,464</u>	<u>\$421,108</u>	<u>\$692,182</u>	<u>\$655,462</u>	<u>\$586,362</u>	<u>\$775,462</u>	<u>\$692,162</u>	<u>\$1,109,462</u>

SOLID WASTE FUND – Capital Project Summary

General

The City's solid waste fund is an enterprise fund. 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.

Capital Expenditures

	2013/14	2014/15	2015/16	2016/17	2017/18
Rolling Stock Replacement and Additions	500,000	740,000	560,000	870,000	500,000
Solid Waste Containers	836,000	36,000	56,000	104,000	62,000
Miscellaneous Items Under \$50,000	22,100	30,000	30,000	30,000	30,000
TOTAL	1,358,100	806,000	646,000	1,004,000	592,000

SOLID WASTE FUND

Rolling Stock and Equipment Replacement and Additions

Project Description

This project involves the replacement of rolling stock and equipment used by the Solid Waste Department and the addition of vehicles required to continue providing efficient services. The project is intended to establish a replacement cycle that matches the life cycle of the vehicles and equipment. The following table sets forth the vehicles and equipment to be acquired that have an acquisition cost in excess of \$50,000.

Capital Expenditures

	Expected Life in Yrs.	2013/14	2014/15	2015/16	2016/17	2017/18
Vehicles						
Yard Waste Vehicles	7	235,000 (970)	0	0	290,000 (954)	0
Automated Side Loader Trash Trucks	8	265,000 (947)	270,000 (N)	560,000 (943, 944)	580,000 (949, 960)	300,000 (942)
¾ Ton Truck	10	0	40,000 (906)	0	0	0
Bulky Truck	10	0	150,000 (951)	0	0	200,000 (959)
Front Loader Trash Truck	8	0	280,000 (945)	0	0	0
TOTAL		500,000	740,000	560,000	870,000	500,000

Existing Condition

Vehicles	
Yard Waste Vehicles	The yard waste carts are popular and require an automated truck to be more efficient. Routes currently run 2 days per week. Season is 46 weeks per year (88%). Existing residential participation increases each year.
Automated Side Loader Trash Trucks	When trucks reach the end of their useful life, they must be replaced. Currently, the back-ups are experiencing frequent breakdowns, which result in high maintenance cost and oil leaks. The older trucks also present a safety concern for our drivers. Due to customer growth, a new route will be added in 2013/14.
Bulky Truck	This truck is used to collect the oversize items that don't fit into the standard trash cart. Each resident receives four pre-scheduled collections per calendar year. The grapple on this truck allows for a one-man team to collect these bulky items at a reduced risk factor for injuries.
Front Loader Trash Truck	The truck is used to service the residents who live in complexes that uses dumpsters for their disposal needs. This truck also collects from our commercial customers who subscribe for trash and/or recycling collection.

Goals and Benefits

Solid waste collection vehicles permit the city to perform collection services rather than contracting with private haulers.
 City collection conforms to noise and dumpster repair standards.
 Replacement of vehicles on a life-cycle basis reduces maintenance costs and down time.
 Increase Solid Waste department's productivity.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
3,170,000	500,000	740,000	560,000	870,000	500,000

SOLID WASTE FUND

Containers

Project Description

This project involves the replacement of containers used by the Solid Waste Department required to continue providing efficient services. The project is intended to establish a replacement cycle that matches the life cycle of the containers. The following table sets forth the containers to be acquired.

Capital Expenditures

	2013/14	2014/15	2015/16	2016/17	2017/18
Metal and/or Plastic Containers MFL, Commercial	10,000	0	10,000	10,000	10,000
Roll-Off Containers	10,000	0	10,000	0	10,000
Containers, Recycling	0	0	0	10,000	0
60 & 90 Gallon Containers	66,000	36,000	36,000	42,000	42,000
Yard Waste Containers	750,000	0	0	42,000	0
TOTAL	836,000	36,000	56,000	104,000	62,000

Existing Condition

The Solid Waste department is responsible for solid waste collection and disposal for more than 17,000 single-family 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. There are currently 3,000 yard waste accounts.

Metal and/or Plastic Containers MFL, Commercial	To purchase 2, 4, 6 and 8 cubic yard containers for use with multi-family and commercial collection. Multi-family housing growth is planned for 2011 through 2015. Commercial growth is associated with Premier Business Park.
Roll-Off Containers	Purchase 20, 30, and 40 cubic yard roll-off containers, including receiver boxes to supplement existing inventory.

Containers, Recycling	Purchase containers for efficient collection of cardboard, newspaper, or containers.
60 & 90 Gallon Containers	Purchase 35, 60 and 90-gallon size trash containers. For warranty and non-warranty replacements and new housing accounts.
Yard Waste Containers	Purchase 100-gallon, vented yard waste carts. For automated yard waste collection, offset by a monthly service fee.

Goals and Benefits

Provide solid waste service to multi-family residences.

Provide bulky service to residents and businesses, including compacted bulk trash pickup from large commercial sources.

Improve delivery of services to public.

Serve commercial customers and increase the number of commercial customers.

Expenditure Schedule

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,094,000	836,000	36,000	56,000	104,000	62,000

Project Funding - Water/Sewer Fund

Projected Fund Activity

	ACTUAL 2010/11	ACTUAL 2011/12	ADOPTED/REVISED BUDGET 2012/13	PROPOSED BUDGET 2013/14	Projected 2014/15	Projected 2015/16	Projected 2016/17	Projected 2017/18
Beginning Contingency Fund	\$768,880	\$684,252	\$1,392,916	\$1,064,196	\$232,331	\$146,131	\$306,931	\$160,431
Beginning Interest Reserve Fund	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Add: Revenues	<u>9,589,701</u>	<u>10,576,211</u>	<u>10,509,900</u>	<u>10,921,700</u>	<u>11,420,800</u>	<u>11,944,700</u>	<u>12,494,100</u>	<u>13,070,400</u>
Transfer From Other Funds	<u>0</u>	<u>0</u>	<u>0</u>	<u>590,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Funds Available	<u>10,858,581</u>	<u>11,760,463</u>	<u>12,402,816</u>	<u>13,075,896</u>	<u>12,153,131</u>	<u>12,590,831</u>	<u>13,301,031</u>	<u>13,730,831</u>
Less: Operating Expenses	6,947,067	7,139,883	7,515,690	7,856,615	7,947,900	8,071,400	8,196,900	8,323,800
Capital Expenditures	499,177	155,229	592,230	1,653,250	890,000	758,000	1,440,000	937,000
Increase In Bond Reserves	45,417	52,917	50,000	93,400	92,300	23,200	24,900	21,100
Reserve for Brown Road	0	0	0	0	(300,000)	0	0	0
Debt Service	<u>1,698,768</u>	<u>1,788,818</u>	<u>1,950,000</u>	<u>1,998,000</u>	<u>2,133,000</u>	<u>2,186,000</u>	<u>2,232,000</u>	<u>2,282,000</u>
Total Expenses Before Transfers To Other Funds	<u>9,190,429</u>	<u>9,136,847</u>	<u>10,107,920</u>	<u>11,601,265</u>	<u>10,763,200</u>	<u>11,038,600</u>	<u>11,893,800</u>	<u>11,563,900</u>
Administration/Fleet Overhead	437,400	684,200	684,200	684,200	684,200	684,200	684,200	684,200
Transfer to Post Retirement Benefits Fund/Trust	46,500	46,500	46,500	58,100	59,600	61,100	62,600	64,200
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>
Ending Contingency Fund	<u>\$684,252</u>	<u>\$1,392,916</u>	<u>\$1,064,196</u>	<u>\$232,331</u>	<u>\$146,131</u>	<u>\$306,931</u>	<u>\$160,431</u>	<u>\$918,531</u>

WATER/SEWER FUND – Capital Project Summary

General

The City's water/sewer fund is an enterprise fund. 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.

Capital Expenditures

The following table sets forth the projects that are to be financed annually with funds generated in the waterworks and sewerage-operating fund.

	2013/14	2014/15	2015/16	2016/17	2017/18
Rolling Stock and Equipment Replacements and Additions	583,250	435,000	458,000	935,000	567,000
Water Meter Replacement Program	150,000	175,000	200,000	225,000	370,000
Water Storage Tank Overhaul	280,000	280,000	100,000	280,000	0
Building Improvements	50,000	0	0	0	0
Spencer Creek Trunk Sewer Replacement	590,000	0	0	0	0
Total	1,653,250	890,000	758,000	1,440,000	937,000

WATER/SEWER FUND - Utilities Department

Rolling Stock and Equipment Replacement and Additions

Project Description

This project involves the replacement of rolling stock and equipment used by the Utilities Department. Vehicles and equipment are to be replaced on a cycle that matches the life of the assets. The following table sets forth the vehicles and equipment to be acquired that have an acquisition cost in excess of \$50,000. A miscellaneous line item represents vehicles and equipment items with a value of less than \$50,000.

	Expected Life					
	In Yrs.	2013/14	2014/15	2015/16	2016/17	2017/18
Vehicles						
SUV	7	0	0	28,000	0	0
¾ Ton Truck	8	56,000 (409)	0	0	0	0
¾ Ton Truck	8	38,000 (412)	0	0	0	0
½ Ton Truck	8	0	0	0	80,000 (401, 413, 414)	27,000 (403)
¼ Ton Truck	8	44,000 (415, 416)	0	0	25,000 (418)	0
1 Ton Truck	10	67,000 (433)	0	0	0	0
1 Ton Truck	10	88,000 (422)	0	0	0	0
1 Ton Truck	10	0	60,000 (438)	0	0	90,000 (434)
1 Ton Truck	10	0	0	98,000 (431)	0	0
2 Ton Dump Truck	12	0	0	174,000 (441)	0	0
5 Ton Truck	15	0	0	0	190,000 (450)	0
Crane Truck	15	0	265,000 (451)	0	0	0

Vacuum Truck	10	0	0	0	0	400,000 (445)
Equipment						
Small Excavator (Komatsu)	7	0	0	80,000	0	0
Rubber Tire Loader	7	190,000	0	0	190,000	0
Tub Grinder	7	0	0	0	400,000	0
T320 Skid Steer	5	0	0	28,000	0	0
Air Vac System		40,000	0	0	0	0
Valve Turner		0	60,000	0	0	0
Miscellaneous		60,250	50,000	50,000	50,000	50,000
TOTAL		583,250	435,000	458,000	935,000	567,000

Existing Condition

The Utility Department is responsible for the maintenance of the City's water and sewer infrastructure that includes a 6.0 mgd water plant, over 229 miles of distribution system, a 9.5 mgd wastewater treatment plant, and over 217 miles of collection system. In addition, the department is responsible for the construction of new water mains. Replacement of vehicles and equipment on a life cycle basis, ensures the provision of continuous efficient service and reduces maintenance costs and down time. The following is a brief description of the vehicles and equipment to be replaced or acquired:

Vehicles	
¾-Ton Trucks	Scheduled for replacement as part of the City's fleet replacement schedule. Both trucks scheduled for replacement are used by personnel to transport, tools, material, and tow equipment to job sites.
½-Ton Trucks	Scheduled for replacement as part of the City's fleet replacement schedule.
¼-Ton Trucks	Scheduled for replacement as part of the City's fleet replacement schedule. Both trucks scheduled for replacement are used by meter readers to read meters and customer service.
1-Ton Truck	Scheduled for replacement as part of the City's fleet replacement schedule. Truck 433 is a sanitary sewer service truck. Trucks 422 and 431 are one-ton dump trucks for hauling materials and snow plowing
2-ton Truck	Scheduled for replacement as part of the City's fleet replacement schedule. Truck 441 is a single-axle dump truck used to haul material to and from job sites, tow heavy-equipment trailers, and plow snow.
5-Ton Truck	Scheduled for replacement as part of the City's fleet replacement schedule. Truck 450 is a tandem-axle dump truck used to haul material to and from job sites, tow heavy-equipment trailers, and plow snow.
Crane Truck	Scheduled for replacement as part of the City's fleet replacement schedule. Truck 451 is a crane truck used to pull pumps and process equipment at treatment plants and pump stations. Also used to replace concrete storm sewer tops, HVAC systems, and miscellaneous projects throughout the City.
Vacuum Truck	Scheduled for replacement as part of the City's fleet replacement schedule. Truck 445 is a Vacuum Truck used for cleaning of sanitary sewers.

Equipment	
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 to replace Primary Loaders at Earth Centre	Replace existing 2006 Earth Center loader in normal replacement cycle near 12,000 hours of running time. This loader is used to handle materials at the Earth Centre.
Tub Grinder	Replace existing 2007 Tub Grinder to process 50,000-cy of yard waste annually.
Air Vac System	Used to remove plastic contamination from yard waste and compost to improve product quality.
Miscellaneous	To account for capital under \$50,000 that will be needed during the year.

Goals And Benefits

- Reduce maintenance costs and down time
- Increase the department's productivity
- Ensure continuous water and wastewater services
- Enable compliance with regulations of the Environmental Protection Agency and Missouri Department of Natural Resources

Expenditure Schedule

This project is to be paid from the water/sewer operating fund.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
2,978,250	583,250	435,000	458,000	935,000	567,000

WATER/SEWER FUND – Utilities Department

Water Meter Replacement Program

Project Description

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.

Existing Condition

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-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.

Goals And Benefits

Improve City operations through modern technologies
Prevent revenue loss to the City
Reduce the man-hours required to complete the same function

Expenditure Schedule

This project is to be paid from the water/sewer operating fund.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,070,000	150,000	175,000	200,000	225,000	370,000

WATER/SEWER FUND – Utilities Department

Water Storage Tank Overhaul

Project Description

This project involves the scheduled overhaul of the water storage facilities including elevated tanks, and ground storage tanks. The interior and exterior coating system for each storage tank is scheduled to be replaced on a fifteen year cycle.

Existing Condition

The City operates and maintains several types of water storage facilities in the water distribution system including the following

- 500,000 gallon ground storage tank at Crescent Hills (1972) Painted in 2012/13
- 250,000 gallon elevated storage tank at Hermitage (1980) Paint in 2013/14
- 250,000 gallon elevated storage tank at Enwood (1980) Paint in 2014/15
- 300,000 gallon ground storage tank at Cave Springs (1972) Paint in 2015/16
- 250,000 gallon elevated storage tank at Arrowhead (1972) Paint in 2016/17
- 500,000 gallon ground storage tank at Kimberly (1972) Paint in 2020

For public safety and system maintenance, tanks should be completely inspected and repainted approximately every 15 years. With proper maintenance, water storage tanks can last 75 to 100 years.

Goals And Benefits

Preserve City assets
Ensure a safe water supply
Preserve the aesthetics of visible City assets

Expenditure Schedule

This project is to be paid from the water/sewer operating fund.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
940,000	280,000	280,000	100,000	280,000	0

WATER/SEWER FUND – Utilities Department

Equipment/Vehicle Building – Building Improvements

Project Description

The construction of a concrete floor and installation of overhead doors on the Utilities Department Vehicle/Equipment building.

Existing Condition

The existing pre-engineered metal building was constructed in 2002. The building dimensions are 60-ft x 230-ft, with three man-doors and nine vehicle bays. This building provides cover storage for 41 pieces of equipment and vehicles. Only one double-wide bay was constructed with a concrete floor, insulated overhead door to provide heated storage for the sewer maintenance equipment. All the other bays were left open to the atmosphere and asphalt millings were used for a floor. Birds continue to nest inside the open portion of this storage building, resulting in damage to the equipment.

Goals And Benefits

Providing a concrete floor and overhead doors on the other remaining eight vehicle bays will provide a clean and safe working environment.

Expenditure Schedule

This project is to be paid from the water/sewer operating fund. In year 2012/13 the concrete floor will be poured by in-house staff and in year 2013/14, overhead doors will be installed on the remaining bays.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
50,000	50,000	0	0	0	0

WATER/SEWER FUND - Utilities Department

Spencer Creek Trunk Sewer Replacement

Project Description

The rehabilitation of an existing 18-inch sanitary sewer line from Boone Hills Drive to Sutters Mill Road.

Existing Condition

The existing sanitary sewer is the major trunk line for the Spencer Creek watershed. Currently there are several locations where inflow/infiltration is high and the pipe has deflected which does not let it carry the maximum flow that was designed to. This will be Phase II of the rehabilitation project as Phase I went from Mexico Road to Boone Hills Drive and rehabilitated approximately 3,000 feet of 24-inch fiberglass pipe and 950 feet of 18-inch fiberglass pipe.

Goals And Benefits

Providing a reliable sanitary sewer system by maximizing flow capacity and preventing inflow/infiltration.

Expenditure Schedule

This project is to be paid from the water/sewer operating fund.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
590,000	590,000	0	0	0	0

WATER/SEWER FUND – Major Maintenance Summary

General

The City's water/sewer fund is an enterprise fund. 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.

Major Maintenance

The following table sets forth the projects that are to be financed annually with funds from the waterworks and sewerage fund.

	2013/14	2014/15	2015/16	2016/17	2017/18
Sanitary Sewer Rehabilitation or Replacement	225,000	250,000	275,000	300,000	325,000
Other Maintenance – Budgeted or Projected	485,050	455,200	455,200	455,200	455,200
Total	710,050	705,200	730,200	755,200	780,200

WATER/SEWER FUND - Utilities Department

Sanitary Sewer Rehabilitation or Replacement – Major Maintenance

Project Description

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.

Existing Condition

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.

Goals And Benefits

Improve plant capacity by reducing infiltration and inflow
Reduce property damage associated with basement backups
Ensure proper sewage collection and disposal for the health, welfare and safety of residents

Expenditure Schedule

This project is to be paid from the water/sewer operating fund.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
1,375,000	225,000	250,000	275,000	300,000	325,000

WATER/SEWER FUND - Utilities Department

Other Repair and Maintenance

Project Description

Maintenance for the remaining combined system which includes maintenance for:

Vehicles

Machinery and Equipment

Buildings

Grounds

Outside Lights

Meter Hardware

All other areas of system maintenance such as mains, lines, hydrants, valves, and sewer plant process equipment

Existing Condition

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

Goals And Benefits

Preserve City assets

Expenditure Schedule

This project is to be paid from the water/sewer operating fund.

Total	2013/14	2014/15	2015/16	2016/17	2017/18
2,305,850	485,050	455,200	455,200	455,200	455,200

PROJECT FUNDING - UTILITY CONSTRUCTION FUND

Projected Fund Activity

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
Beginning Fund 75 Balance	\$862,917	\$79,917	\$139,917	\$141,917	\$346,883	\$311,883
REVENUES						
Estimated Tap Revenues	500,000	500,000	500,000	450,000	450,000	450,000
Transfer from Lakeside 370 TIF	10,500	-	-	-	-	-
Other Revenue	15,000	15,000	15,000	15,000	15,000	15,000
Total Revenues	525,500	515,000	515,000	465,000	465,000	465,000
EXPENSES						
WATER MAIN PROJECTS						
Water Main Construction Salary	100,000	-	50,000	100,000	-	-
I-70 Crossing at Gatty	267,000	-	-	-	-	-
I-70 Crossing at Dardenne Creek	291,500	-	-	-	-	-
Dardenne Creek Directional Bore @ Golf Course	-	-	52,000	-	-	-
Celtic (Raintree)	25,000	-	-	-	-	-
Willott Road (Willott Sq to Westminster	-	-	-	60,034	-	-
MRMD (S. Church St. to MRMD, Schnucks)	-	-	-	25,000	-	-
WTP/WWTP/CMPF 12-inch connection	15,000	-	-	-	-	-
Sugarwood to Bellavista	-	-	-	15,000	-	-
SUBTOTAL	698,500	-	102,000	200,034	-	-
SEWER PROJECTS						
Executive Centre, (Turnberry to RR Tracks) (2)	110,000	-	-	-	-	-
Brown Road Trunk Sewer Manhole Rehab (I-70 to Hope Ct) (3)	120,000	-	-	-	-	-
Brown Road Trunk Sewer Joint Repair (PS to I-70)	-	225,000	-	-	-	-
Brown Road Trunk Sewer Lining (PS to I-70)	-	-	-	-	500,000	-
Spencer Creek Trunk Sewer Replacement	-	-	-	-	-	-
SUBTOTAL	230,000	225,000	-	-	500,000	-
OTHER PROJECTS						
WTP Flocculator Replacement (Clarifier 1) (4)	130,000	-	-	-	-	-
High Service Pump Replacements (#3)	-	25,000	-	-	-	-
High Service Pump Replacement (#5)	-	-	25,000	-	-	-
Filter Trough Replacement (West Side)	-	30,000	-	-	-	-
Filter Media Replacement (East Side) (5)	175,000	-	-	-	-	-
Filter Media Replacement (West Side) (6)	-	175,000	-	-	-	-
Wells 5 & 9 Rehab (8)	75,000	-	-	-	-	-
Alluvial Well 14	-	-	386,000	-	-	-
Cave Springs Booster Pumps	-	-	-	-	-	45,000
Crescent Hills Booster Pumps	-	-	-	-	-	75,000
Auger Monster Replacement	-	-	-	60,000	-	-
Asphalt Plant Roads	-	-	-	-	-	-
SUBTOTAL	380,000	230,000	411,000	60,000	-	120,000
Total Expenses	1,308,500	455,000	513,000	260,034	500,000	120,000
ENDING FUND BALANCE	\$79,917	\$139,917	\$141,917	\$346,883	\$311,883	\$656,883

UNFUNDED PROJECTS

Fund	Group	Description	Cost
General	MPS	Outdoor warning siren communications system upgrade	65,000
General	PRS	Signage for historical sites	50,000
General	SSS	eTicketing - build out for 20 additional vehicles	45,140
General	SSS	New Police software	221,520
General	SSS	PC Virtualization	409,000
General	SSS	Timekeeping software upgrade	75,000
Local Parks and Storm Water	PRS	Replace the exterior siding at Sports Center Park	150,000
Local Parks and Storm Water	PRS	Replace existing pool shell and update lighting at Golf and Rec pool	2,000,000
Local Parks and Storm Water	PRS	Replace existing rest room at Laurel Park	70,000
Local Parks and Storm Water	PRS	Place remote surveillance camera in parks	50,000
Local Parks and Storm Water	PRS	Construction of a new roadway, pedestrian and parking area in front of Rec-Plex	300,000
Local Parks and Storm Water	WES	Storm Water Projects	96,289,489
Transportation Trust Fund	TDS	McClay Road Resurfacing I (Thoele Road to Hackmann Road)	1,850,000
Transportation Trust Fund	TDS	Jungs Station Road Resurfacing	530,000
Transportation Trust Fund	TDS	Mid Rivers Mall Drive Resurfacing III (St. Peters-Howell to Cottleville Pkwy)	1,760,000
Transportation Trust Fund	TDS	Jungermann Road Bridge Replacement	2,500,000
Transportation Trust Fund	TDS	I-70 North Outer Road Bridge	1,660,000
Transportation Trust Fund	TDS	Old Towne West Connector (I-70 N to Brown Road)	1,455,000
Transportation Trust Fund	TDS	Queensbrook Extension	2,200,000
Transportation Trust Fund	TDS	Queensbrook @ Woodstone Traffic Signal	295,000
Transportation Trust Fund	TDS	Spencer Road @ Premier Parkway Traffic Signal	265,000
Transportation Trust Fund	TDS	Brown Road Resurfacing and Storm Sewer Improvements	800,000
Transportation Trust Fund	TDS	Mexico Road Sidewalk (1st Exec. To Jungermann)	80,000
Transportation Trust Fund	TDS	Mexico Road @ West Sunny Hills Pedestrian Bridge	270,000
Transportation Trust Fund	TDS	Adaptive Traffic Signal Control	300,000
Transportation Trust Fund	TDS	Emergency Vehicle Traffic Signal Preemption	630,000
Central Materials Processing Facility Fund	HES	Modify DNR permit and construct additional tipping floor for non compacted trash providing additional capacity and safety for our customers	600,000
Recreation Fund	PRS	Place sound proofing panels on walls in gymnasiums	50,000
Recreation Fund	PRS	Replace existing front doors due to worn out hinges that are built into door frame	75,000
Recreation Fund	PRS	Repair Rec-Plex front desk and registration desk	15,000

UNFUNDED PROJECTS

Fund	Group	Description	Cost
Water Sewer	WES	Brown Road Trunk Sewer Joint Repairs (I-70 to Hope Ct.)	300,000
Water Sewer	WES	Brown Road Trunk Sewer Rehab (Pipe Lining I-70 to Hope Ct.)	500,000
Water Sewer	WES	Spencer Creek Trunk Sewer Replacement Phase II (18" FG Pipe)	595,000
Water Sewer	WES	Park St. Force Main Relocation	70,000
Water Sewer	WES	Brown Road PS & FM	2,000,000
Water Sewer	WES	Alluvial Well 15 Replacement	386,000
Water Sewer	WES	MO American Interconnect	60,000
Water Sewer	WES	MRMD Extension (Ecology to Iffrig)	122,000
Water Sewer	WES	Alluvial Well 16 Replacement	386,000
Water Sewer	WES	Alluvial Well 17 Replacement	386,000
Water Sewer	WES	WTP Lime Thickener	1,000,000
Water Sewer	WES	WWTP Blowers	60,000
Water Sewer	WES	Nutrient Removal	1,000,000
Water Sewer	WES	WWTP Railing Upgrades	38,000
Water Sewer	WES	Field Crew Locker Room Building	100,000
Water Sewer	WES	Crescent Hills BPS Electrical Upgrade	55,000
Water Sewer	WES	Cave Springs BPS Electrical Upgrade	40,000
Water Sewer	WES	Kimberly Booster Pumping Station	200,000
Water Sewer	WES	Jungs Station to Woodstone	539,649
Water Sewer	WES	Walnut Tree Phase II (North & South Branches)	229,582
Water Sewer	WES	WTP Flocculator Replacement (Clarifier 3)	80,000
Water Sewer	WES	Aerated Curing Pad	2,000,000