

CITY of ST. CHARLES



BUDGET 2020-2021



**City of St. Charles
Table of Contents
FY 2020-2021 Budget**

Budget Summary		
	Principal Officials	1
	Budget Overview	2
	Budget Message and Summary	3 - 18
Policies		
	Budget Process	19
	Budget Timeline	20
	Fund Balance Disclosures	21
	Financial Policies	22 - 26
Financial Trends		
	Trend Analysis Types	27
	Trend Analysis	28 - 48
Community Profile		
	Select City and Departmental Data	49 - 56
Budget by Fund		
	Overview of Fund Reports	57
	Description of Funds	58 - 61
	Summary of Revenue and Expenditures (Expenses)	62 - 67
	Revenues, Expenditures & Fund Balance Summary	68
	Revenues, Expenditures & Cash Balance Summary	69 - 70
Capital Improvements		
	Capital Improvements Overview	71
	Summary of Capital Projects by Fund and Funding Sources	72
	Detail Listing of Capital Projects and Funding Sources	73 - 85
	Project Description Worksheets	86 - 238
Glossary		
	Common Terms and Acronyms	239 - 248

**City of St. Charles
Principal Officials
FY 2020-2021 Budget**

Mayor

Raymond P. Rogina

City Administrator

Mark W. Koenen

City Council

Ronald Silkaitis	Ward 1
Dan P. Stellato	Ward 1
Arthur Lemke	Ward 2
Rita Anne Payleitner	Ward 2
Todd Bancroft	Ward 3
William Turner	Ward 3
David Pietryla	Ward 4
Lora Vitek	Ward 4
Ed Bessner	Ward 5
Maureen Lewis	Ward 5

Appointed

Jo K. Krieger	City Treasurer
Charles Amenta	City Clerk

Department Heads

Christopher A. Minick	Director of Finance
Peter Suhr	Director of Public Works
Rita Tungare	Director of Community & Economic Development
Scott Swanson	Acting Fire Chief
Larry Gunderson	Director of Information Systems
James Keegan	Police Chief
Jennifer McMahon	Director of Human Resources

City of St. Charles
Budget Overview
FY 2020-2021

This budget document was developed in a manner that is easy for the lay reader to use, yet comprehensive for the experienced reader. Following is a brief description of the major sections of the budget.

Budget Summary

(Section I) – This section includes a budget message and a comprehensive review of the City’s revenue and expenditures for the budgeted year.

Policies

(Section II) - This section describes general City policies. The planned implementation of these goals is also explained.

Financial Trends

(Section III) - This section is provided for financial analysis purposes. Trends relative to community growth, revenue, expenditure, balance sheet trends and debt service are presented.

Community Profile

(Section IV) – This section provides demographic information, useful operating statistics as well as some facts of interest about St. Charles.

Budget by Fund

(Section V) – There are two report types in Section V. The first report type is a fund summary for the proposed budget year and projected three subsequent years. This report shows the total revenues and expenditures/expenses for each fund as well as a projection of available fund balance. The second report type provides an overview of each City fund. This report is comprised of an operational description followed by detailed reports of revenues and expenditures/expenses and resulting fund balance/net assets. For comparison purposes, an estimate of the current year’s revenues and expenditures/expenses is presented along with the prior year’s actual operating results.

Capital Improvements

(Section VI) – This section presents the City’s Capital Improvements Plan for the proposed budget year and the three subsequent years. This section provides a summary of capital spending by fund and a detailed listing of capital expenditures by fund and department. Project description worksheets are presented for projects with a total cost greater than \$100,000 and initiated in FY 2020-2021.

Glossary

(Section VII) - Included in the glossary are common terms as well as many acronyms used throughout the budget book that are specific to the City.

City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget

Where do we begin?

Even before the historic events of the COVID-19 outbreak, the City's financial picture was becoming challenging. The City had dealt with revenue enhancing measures in the summer and autumn of 2018, paving the way for the continued provision of stellar governmental services and financing for an aggressive general capital program, including construction of a new Police Station, the 7th Avenue Creek Project, and setting the stage for future financing of the Active River Development. Financial performance and projections for fiscal years 2019 and 2020 were promising, and the pieces were fitting into the financial puzzle beautifully.

In late 2019 the clouds began to gather. During the 4th quarter of 2019 two key business establishments and revenue generating entities were rumored to be closing (Pheasant Run Resort) or moving out of town (Binny's Beverage Depot). At the same time, the actuarial industry adopted new mortality tables for public safety pension funds, greatly increasing municipal contribution requirements. These factors occurred independently of the COVID-19 outbreak and would have had a significant impact on the City's future financial picture regardless of COVID-19's impact.

As staff went through the budget process this winter, revenue projections began to flatten as the rumors about Pheasant Run and Binny's were confirmed. The deficit gap between expenditures and the revenues used to finance them was becoming unsustainable for the City for future fiscal years. The City planned a series of one-time budget measures to finance approximately half of the projected \$2.1 million deficit initially forecast for fiscal year 2020-2021 and has implemented those one-time measures into the budget draft presented herewith.

The current deficit of approximately \$1,160,000 is being financed by reserves that were previously accumulated. Even with this use of reserves, the General Fund's level of reserves (our rainy-day fund) was projected to be at approximately \$16.9 million or 34% of General Fund expenditures at the end of fiscal year 2020-2021. This level of reserves is above the minimum reserve threshold of 25% as directed by the City Council. However, this level of deficit is obviously unsustainable in the long term. Even before the COVID-19 virus outbreak, the City was faced with a new structural budget deficit that it needed to address in Fiscal Year 2020-2021.

Since the calendar changed to March of 2020 the picture has become even more fuzzy. The outbreak of the COVID-19 virus, its growth, and its spread to pandemic status will have profound and lasting impacts on all aspects of the economy, and consequently, on the City's finances. We are in the very early stages of being able to project its potential impact. Many of the projections and assumptions contained in this year's budget will need to be rethought and updated in the weeks ahead. The significant commercial activity upon which the City has relied for its revenues has been severely impacted. Revenues will be lower. Planned programs, staffing changes and projects will need to be re-evaluated.

There are many phases to this crisis and also to our response. There has been and will be continuing evaluation of measures that the City organization needs to take in the short term to provide for operations and to mitigate the effects of the crisis. In addition, there needs to be planning. We need to think about the economic conditions of the City after the crisis ends. For while the virus's spread will certainly be contained at some point and life will return to essentially a new normal condition, our structural deficit identified before the crisis remains.

The City has been reliant on consumptive taxes (sales and use taxes, alcohol tax, hotel tax, etc.) for a large percentage of the General Fund revenue stream – these 3 tax revenue sources represent nearly 50% of the City's General Fund projected revenue for FY 2020-2021. The traditional business models are

City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget

beginning to fade away in a cyber world that increasingly does business on-line. These demographic shifts will necessitate a fresh approach to funding municipal operations, projects, and programs. Analysis of that approach needs to begin immediately.

This approach needs to be comprehensive - we will need to evaluate what services we provide, how we plan to provide those services, and what the costs of those services will be. This analysis will likely uncover certain areas where no changes need to be made. There may also be areas where we find lower cost alternatives to provide services; there also may be services and programs that we no longer perform. New alternative revenue sources will need to be developed and our approach may also include increases to existing revenue streams, in conjunction with prudent, thoughtful reductions in non-essential operations, programs, and projects. The goal is to create a successful and sustainable model to deliver stellar services and quality of life amenities to our residents.

At the same time, we will be embarking upon an aggressive capital improvements campaign in our water and sewer utilities. We have planned approximately \$50 million in capital projects and expenditures over the next five to seven years. We have currently identified three critical path projects that are either under design or for which design services are planned to begin imminently. The critical path projects are:

- Illinois Route 31 and Roosevelt Sanitary Sewer Trunk Main Capacity Project
- Water Capacity Expansion Number 1 (Wells 7 and 13 Improvements)
- West Side Wastewater Treatment Plant Expansion

These projects have been identified as critical path projects because they are intended to provide additional service capacity for areas that are currently at, or soon will be at, their capacity. These projects must proceed for the City to be able to continue its economic development. The rate impacts for these projects have been built into the projections and assumptions contained in this budget. As always, staff has been judicious about proposing additional positions and staffing changes in the budget. We have proposed:

- Addition of one police officer
- Conversion of a Part-Time Administrative position to Full Time
- The addition of an Electric Apprentice

We have also reclassified or eliminated positions where necessary. The current budget draft reflects the elimination of one full-time supervisor position, one part-time administrative position, and the reclassification of one clerk position from full-time to part time.

The COVID-19 crisis and outbreak has tested and stressed the City, its residents, its elected officials and staff beyond anything in modern memory. There has never been a crisis that has been so universal, complete, and impactful in modern history. Nothing lasts forever and the COVID-19 crisis too will pass. Steps we can take today to define the community that we wish to be will help us emerge from the COVID-19 crisis as a stronger community with a service model that matches services with resources in a sustainable manner.

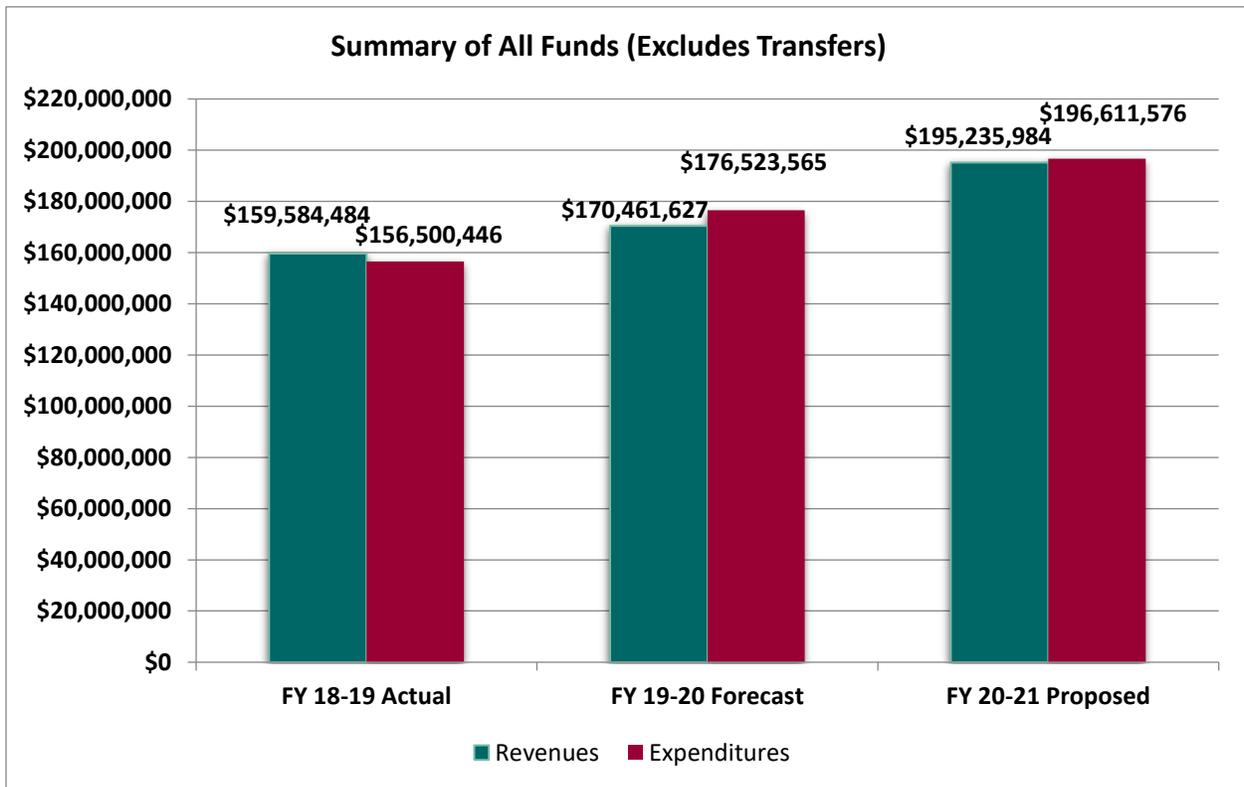
We wish continued safety and health to all of our citizens, elected officials, staff, family, and friends as we pass through this very challenging period.

**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

Summary of City-Wide Budget

At the time the FY 19-20 budget was approved, it was projected that the City would have total revenue of \$170.5 million and expenditures of \$167.5 million (excluding transfers). The City expects to close FY 19-20 with \$170.5 million in revenue and \$176.5 million in expenditures (excluding transfers). In total, there is very little variance between the originally budgeted revenues and the forecasted revenues. However, charges for services in the utility funds are significantly under budget due to declines in billed usage and because a power cost adjustment (PCA) credit has been applied to the monthly electric billings. This decrease in service charges is being offset by increases in financing proceeds for the Wastewater Phosphorus Removal and Digester Improvement project. The change from original budget to current forecast for expenditures is due mainly to the carryover of the Wastewater Phosphorus Removal and Digester Improvement project from FY 18-19. In addition, there were several other uncompleted capital projects that were budgeted in a previous year and then carried forward to FY 19-20.

For FY 20-21, the City is projected to have \$195.2 million in revenue and \$196.6 million in expenditures for all funds, excluding inter-fund transfers. The largest funds are General, Electric, Water, and Wastewater. Combined, these funds represent 81.1% of the total budget, excluding transfers.



The City’s largest source of revenue is fees and user charges which are collected from customers for utility services – water, sewer, and electricity. The largest source of non-user fee revenue is sales tax, followed by property tax revenue. The following table shows the total revenue projected to be received this year, broken down by source. The “Other” category includes items such as charges to other

**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

governments, fines and court fees, interest income, charges to other funds, sale of inventory as well as other miscellaneous sources.

REVENUE - ALL FUNDS (Excludes Transfers)				
	FY 19/20 Budget	FY 19/20 Forecast	FY 20/21 Budget	% Change (Budget vs. Forecasted)
Revenues:				
Property Tax	\$ 14,786,611	\$ 14,644,557	\$ 15,348,550	4.8%
Sales & Use Taxes	19,479,300	19,633,034	20,281,237	3.3%
Franchise Fees	3,960,282	3,545,649	3,663,806	3.3%
Hotel Tax	2,352,169	2,367,768	2,101,863	-11.2%
Other Taxes	2,686,091	2,679,200	2,586,169	-3.5%
Charges for Services	82,419,321	76,463,375	83,251,976	8.9%
Licenses & Permits	640,445	669,878	651,750	-2.7%
Intergovernmental	5,251,557	5,231,663	5,761,817	10.1%
Pension Contributions	5,928,201	5,968,354	6,652,023	11.5%
Financing Proceeds	14,418,104	19,111,196	34,621,270	81.2%
Other	18,611,965	20,146,953	20,315,523	0.8%
Total	\$ 170,534,046	\$ 170,461,627	\$ 195,235,984	14.5%

The City's largest category of expenditures is for Public Utilities which include electric, water, and sewer services. With regard to non-utility related City services, Public Health & Safety (Police and Fire) is the largest component of expenditures, followed by General Government, Public Works and then Community Development.

EXPENDITURES - ALL FUNDS (Excludes Transfers)				
	FY 19/20 Budget	FY 19/20 Forecast	FY 20/21 Budget	% Change (Budget vs. Forecasted)
Expenditures:				
General Government	\$ 22,405,864	\$ 20,969,378	\$ 24,082,324	14.8%
Public Health & Safety	36,732,963	42,824,484	34,463,204	-19.5%
Public Works	14,715,199	15,701,032	16,410,240	4.5%
Public Utilities	90,798,639	91,265,936	118,226,423	29.5%
Community Development	2,833,248	5,762,735	3,429,385	-40.5%
Total	\$ 167,485,913	\$ 176,523,565	\$ 196,611,576	11.4%

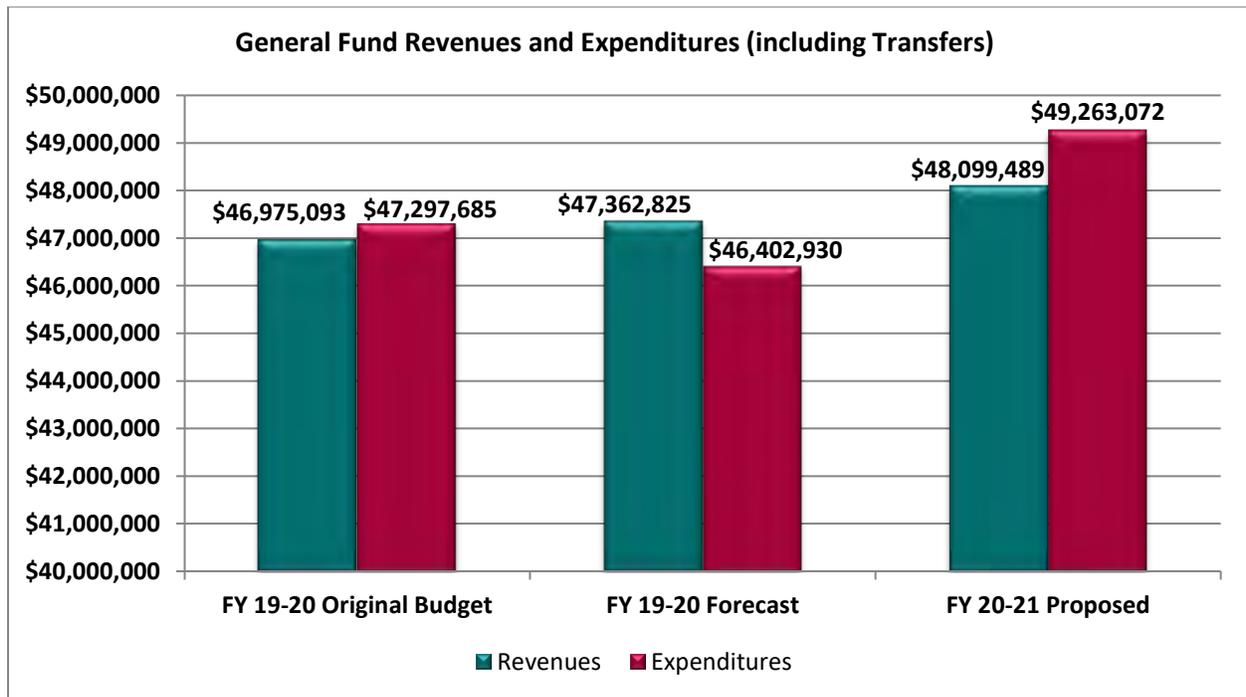
The FY 20-21 General Government expenditure budget is increasing when compared to the FY 19-20 forecast because of larger debt service payments and the inclusion of funding for the enterprise application system (EAS). The EAS is an integrated suite of software applications that support the City's core business processes. Also, wages and benefits reflect a full year's pay for the employees hired during FY 19-20 as well as contractual and progression increases. Construction of the new Police Station was completed in FY 19-20. Therefore, the capital expenditures included in the FY 20-21 Public Health & Safety budget have declined significantly when compared to the FY 19-20 forecast. The increase in the FY 20-21

**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

Public Utilities budget is due mainly to the addition of two large capital projects. The Water Fund budget includes a project which combines well #7 and well #13 and the Wastewater Fund has budgeted funds to expand the capacity of the Westside Wastewater Treatment plant. Together, these two projects are expected to cost approximately \$23 million. Budgeted expenditures for Community Development have declined from the current year forecast due to the completion of the streetscape and Riverwalk enhancements during FY 19-20 and because the start of the Randall Road and Woodward Road Improvement project is being delayed to FY 21-22.

Summary of General Fund

The General Fund accounts for the vast majority of the City’s operations including police, fire, public works, community development and general administration. The City expects to end FY 19-20 with a surplus in the General Fund of approximately \$960,000. This compares to a deficit of \$322,592 when the FY 19-20 budget was approved. The reason for the improvement between the budgeted deficit and the projected surplus is that expenditures are coming in below budget. With respect to revenues, franchise fees are projected to fall short of the amounts budgeted in FY 19-20 due to the negative power cost adjustment applied to the electric utility charges for each month of FY 19-20. This revenue shortage was partially offset by a transfer received from TIF 1 coupled with greater than planned investment income. The projected favorable expenditure variance is the result of contractual costs being less than budgeted levels. Consistent with prior practice, contracted service projects that did not begin this fiscal year will be pushed into FY 20-21.



The FY 20-21 budget projects that expenditures will be \$1,163,583 greater than revenues. The City will be utilizing previously accumulated reserves to offset the operating deficit. Revenues and transfers in for the General Fund are budgeted at \$48.1 million or approximately 2.3% greater than what was budgeted for FY 19-20. The City estimates property tax revenue will increase 1.9% in FY 20-21 as compared to FY 19-20. This includes property taxes collected under the City levy as well as under the various Special Service

**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

Area (SSA) levies. The 2019 property tax rate is projected to decline by approximately 3%, from \$0.845 to \$0.820, because the City's EAV is expected to grow 5.0%, but the City is only increasing the levy dollars by 1.9%.

REVENUE - GENERAL FUND (Excludes Transfers)				
	FY 19/20 Budget	FY 19/20 Forecast	FY20/21 Budget	% Change (Budget vs. Forecasted)
Property Tax	\$ 12,985,461	\$ 12,893,492	\$ 13,231,170	2.6%
Sales & Use Taxes	18,379,300	18,533,034	19,181,237	3.5%
Hotel Tax	2,352,169	2,367,768	2,101,863	-11.2%
Other Taxes	3,161,991	3,162,019	3,062,169	-3.2%
Franchise Fees	3,960,282	3,545,649	3,663,806	3.3%
Licenses & Permits	640,445	669,878	651,750	-2.7%
Intergovernmental	3,920,160	4,093,365	4,139,973	1.1%
Charges for Services	592,619	645,168	597,251	-7.4%
Other Revenues	982,666	1,162,471	810,270	-30.3%
Total	\$46,975,093	\$47,072,844	\$47,439,489	0.8%

FY 20-21 hotel tax and other taxes, which includes alcohol tax, are budgeted to decline 11.2% and 3.2%, respectively, when compared to the FY 19-20 forecast. These decreases reflect the negative impact of the Pheasant Run Resort closure and the anticipated relocation of Binny's Beverage Depot at some point during the year. Franchise fees are expected to rise in conjunction with growth in electric utility revenues. Reductions in license and permit revenues as well as charges for services have been budgeted in FY 20-21 based on the assumptions that fewer building permits will be issued and the number of new development projects will decline. Other revenues are also budgeted to decline in FY 20-21 as compared to the amounts forecasted in FY 19-20. These reductions contemplate lower investment income and reductions in law enforcement fines and fees.

The chart below depicts sales and use tax collections over the last five fiscal years. As illustrated, during this time period both sales tax and use tax have been on the rise. The FY 20-21 budget includes an overall 3.5% projected increase in sales tax over the FY 19-20 forecasted revenue amount.

Sales Tax Collections - State, Home Rule and Use Taxes Last 5 Completed Fiscal Years					
Fiscal Year	State and Home Rule	Use Tax	Total	\$ Increase/ Decrease	% Increase/ Decrease
2014/2015	16,348,053	680,097	17,028,150	1,026,468	6.4%
2015/2016	16,984,167	765,111	17,749,278	721,128	4.2%
2016/2017	17,089,227	811,582	17,900,809	151,531	0.9%
2017/2018	17,637,087	871,988	18,509,075	608,266	3.4%
2018/2019	18,333,642	1,020,120	19,353,762	844,687	4.6%

For FY 20-21, expenditures (excluding transfers) in the General Fund are budgeted at \$42.5 million. This represents a 4.2% increase from the original FY 19-20 budget. Personal Services represent nearly 70% of

City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget

the General Fund's total expenditures and are budgeted to rise 8.5% from the FY 19-20 budget. This is primarily due to increases in contractual labor costs, public safety pensions and annual cost of living adjustments. Other operating expenditures are projected to decline as compared to the previous year's budget due mostly to a reduction in funding motor vehicle replacements.

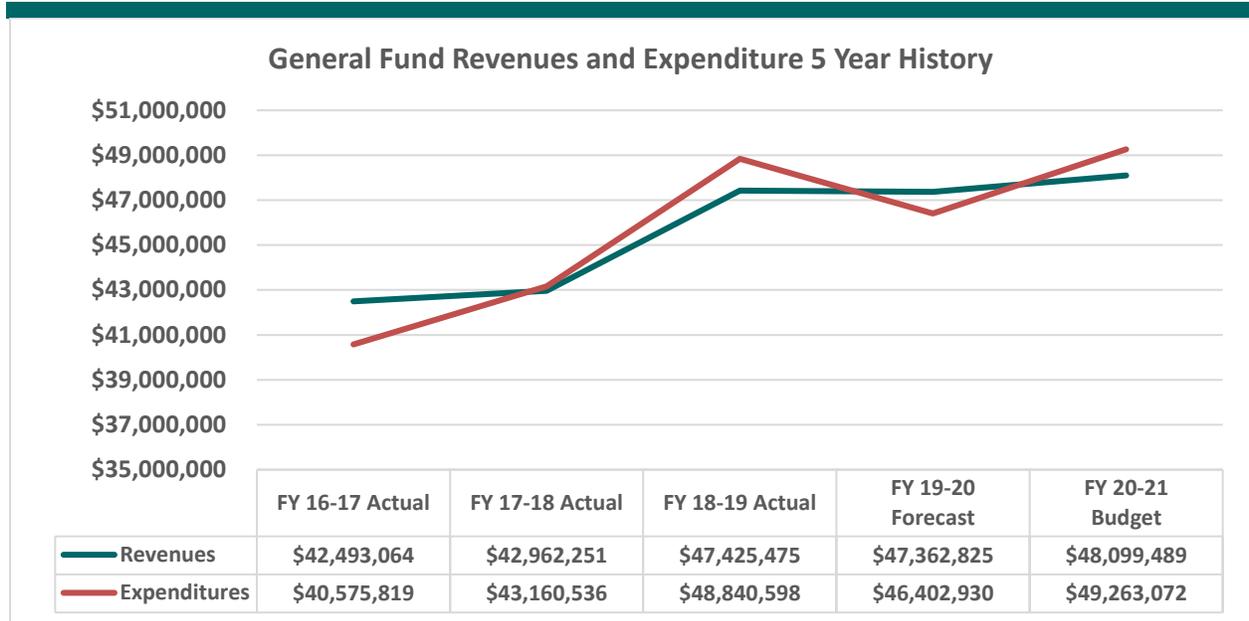
The following chart provides detail on General Fund expenditures, including transfers, by account type.

GENERAL FUND EXPENDITURES BY ACCOUNT TYPE (Includes Transfers)			
	19/20 Budget	19/20 Forecast	20/21 Budget
Personal Services	\$ 31,712,260	\$ 31,528,557	\$ 34,409,366
Other Operating	13,581,610	12,474,300	12,992,088
Allocations	(5,260,212)	(5,260,212)	(5,082,588)
Capital	185,800	295,012	156,700
Debt Retirement	4,586	4,586	4,586
Transfers - Debt Service	4,627,181	3,627,819	3,099,696
Transfers - Other	2,446,460	3,732,868	3,683,224
Total	\$ 47,297,685	\$ 46,402,930	\$ 49,263,072

The following chart provides detail on General Fund expenditures, including transfers, by function or purpose.

GENERAL FUND EXPENDITURES BY FUNCTION (Includes Transfers)			
	19/20 Budget	19/20 Forecast	20/21 Budget
General Government	\$ 5,020,926	\$ 4,634,934	\$ 5,581,153
Public Health & Safety	24,877,592	24,776,079	26,786,864
Public Works	7,519,338	6,883,779	7,682,750
Community Development	2,806,188	2,747,451	2,429,385
Transfers	7,073,641	7,360,687	6,782,920
Total	\$ 47,297,685	\$ 46,402,930	\$ 49,263,072

**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**



Summary of Changes in Personnel

The single largest expense in the City’s budget is for personnel. The City is a service organization and the cost of salaries, benefits, and other related expenses comprises approximately 70% of the City’s General Fund budget.

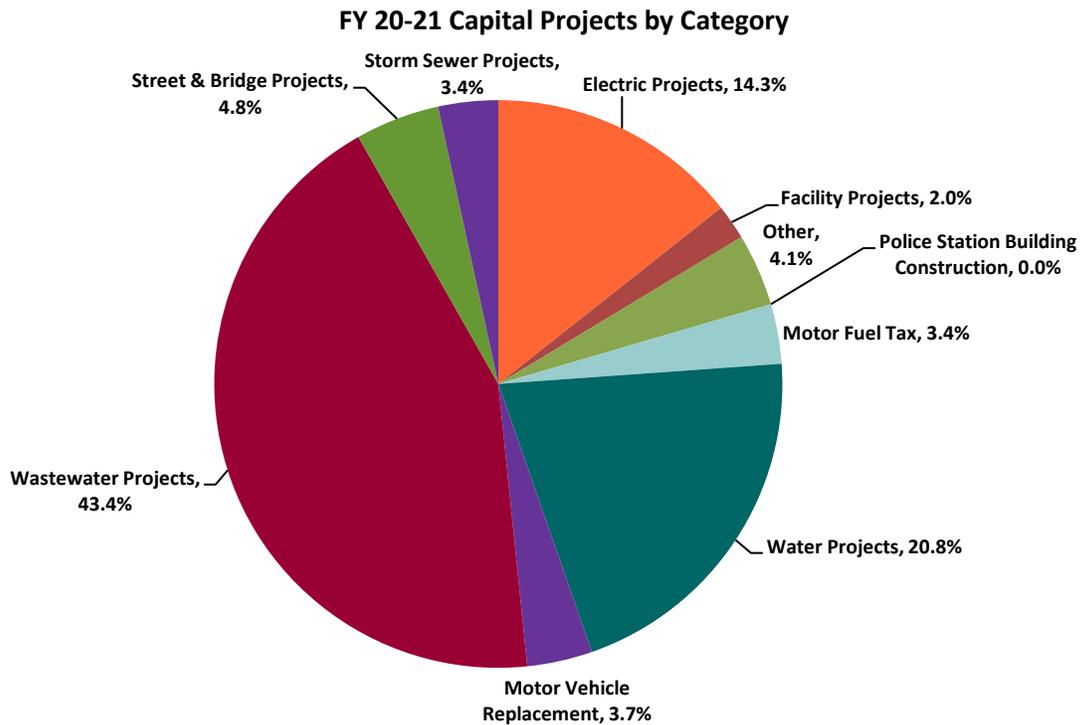
The number of full-time equivalent positions (FTEs) budgeted for FY 20-21 is 275.47 (excluding elected officials, crossing guards, meter readers, overtime and EMA personnel), which is an increase of 2.3 FTE’s over the number budgeted in FY 19-20. The Police department is adding one patrol officer to their ranks in FY 20-21. This mid-year hire and the full-year salaries of the four officers added during FY 19-20 result in a 1.59 increase in Police FTE’s. In FY 20-21, the Fire department is upgrading a part-time position to full-time and adding a full-time Administrator position to oversee Tri-City Ambulance services. These Fire department additions total 1.28 FTEs. Wage and benefit costs related to the Tri-City Ambulance Administrator will be reimbursed by this organization. The Community & Economic Development department is reducing its staff by 1 FTE and the Finance department is downgrading a full-time position to part-time.

**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

Full Time Equivalent (FTE) Employees by Department			
Department	Budgeted FY 19/20	Proposed FY 20/21	Net Change
City Administration	5.99	6.05	0.06
Information Systems	11.99	12.64	0.65
Human Resources	6.01	6.01	0.00
Finance	13.49	13.11	-0.38
Police	71.33	72.92	1.59
Fire	49.45	50.73	1.28
Community & Economic Development	16.00	14.88	-1.13
Public Works	98.90	99.13	0.23
Total FTE	273.17	275.47	2.30

Capital Projects

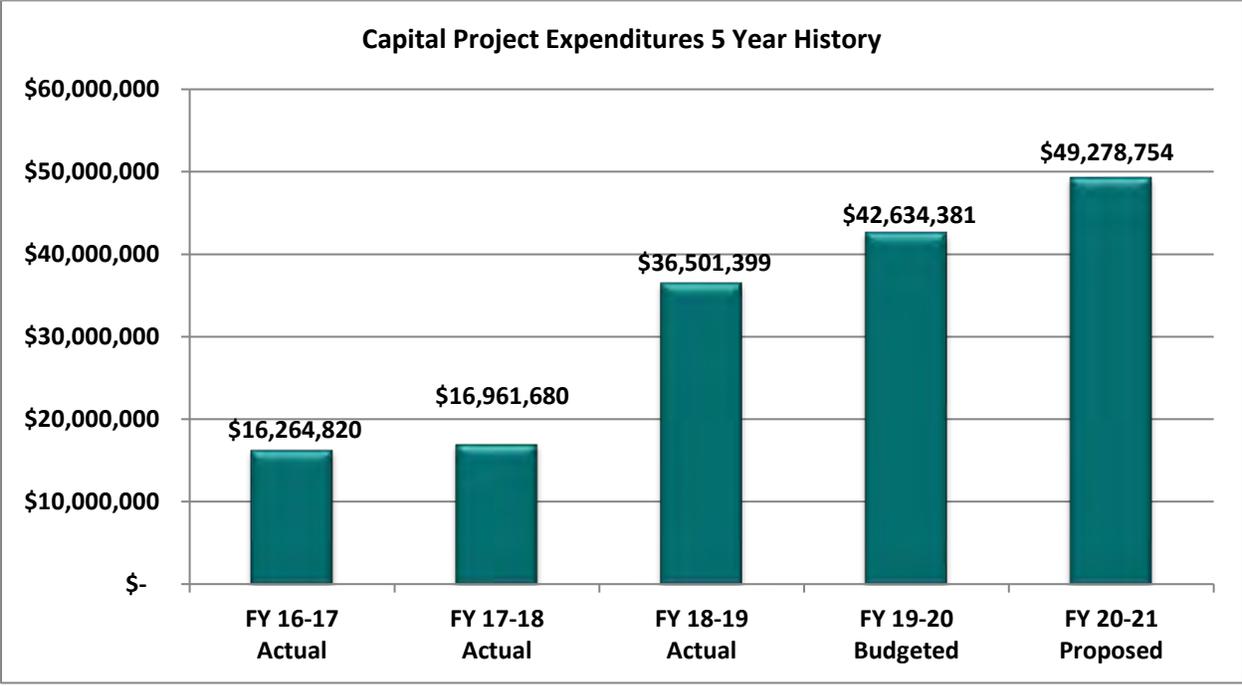
The City will initiate approximately \$49.3 million in capital projects in FY 20-21. Of this amount, \$38.7 million is budgeted for projects within the City’s three major enterprise funds – Electric, Water, and Wastewater.



**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

Major capital initiatives budgeted for FY 20-21 include:

West Plant Expansion	\$17,760,000
Connect Well #7 to Well #13	\$5,291,010
Replace L13156 from Kirk Road to Substation 5	\$1,750,000
Second & Delnor Street Improvements	\$2,315,776
Electric Overhead System Replacements	\$1,200,000
Advanced Meter Infrastructure (AMI)	\$1,593,770
Purchase of Fire Ladder Truck	\$1,251,100
East Plaza Expansion	\$1,000,000
MFT Annual Resurfacing Program (includes utility repairs)	\$2,210,000



**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

Debt Summary

The City remains committed to utilizing bond funds only for projects that exceed \$500,000 in total costs. Adhering to this policy, the City plans to issue a total of \$34.6 million of General Obligation (GO) Bonds and Illinois Environmental Protection Agency (IEPA) low interest loans. The new debt being issued is financing capital projects included in the FY 20-21 capital budget. Projects to be financed by debt and IEPA low interest loans include:

- West Plant Expansion
- Connect Well #7 to Well #13
- Replace L13156 from Kirk Road to Substation 5
- Second & Delnor Street Improvements
- Advanced Meter Infrastructure (AMI)

The table below is a projection of the principal that will be outstanding as of April 30, 2021, should the City issue the level of debt as proposed in the budget.

FY 20-21 Debt Summary (includes IEPA loans)				
Fund	Outstanding 5/1/2020	Proposed New Issues	Retirements	Outstanding 4/30/2021
General	\$ 59,887,977	\$ 2,376,383	\$ 4,557,803	\$ 57,706,556
TIF	26,090,000	-	685,000	25,405,000
Electric	9,755,884	3,660,730	576,012	12,840,602
Water	14,962,100	8,692,536	928,355	22,726,281
Wastewater	32,577,544	19,891,621	2,539,800	49,929,365
TOTAL	\$ 143,273,504	\$ 34,621,270	\$ 9,286,969	\$ 168,607,805

City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget

Enterprise Funds Summary

The City's Enterprise Funds – so named because they operate much like separate business units or enterprises – are intended to be fully self-supporting, receive no tax subsidy, and operate exclusively on the revenue generated from the rates paid by customers. The FY 20-21 budget projects a \$921,602 surplus in the Electric Fund, a \$24,372 deficit in the Wastewater Fund and a \$1,129,344 deficit in the Water Fund. The City will be utilizing previously accumulated reserves to offset the operating deficits in the Water and Wastewater Funds.

Enterprise Funds FY20/21 Budget			
	Electric	Water	Wastewater
Revenues			
User Charges	\$ 63,363,257	\$ 7,600,519	\$ 11,752,200
Other Operating Revenues	1,386,455	425,820	430,005
Capital Financing Proceeds	3,660,730	8,692,536	19,891,621
Connection Charges	30,000	62,000	110,000
Transfers In	301,664	-	-
Total Revenues	68,742,106	16,780,875	32,183,826
Expenses			
Personal Services	\$ 4,178,185	\$ 1,738,328	\$ 2,553,719
Other Operating	53,325,344	3,017,475	3,320,269
Allocations from Other Funds	1,834,812	1,358,364	1,384,032
Capital	7,068,730	10,245,736	21,399,121
Debt Retirement	991,183	1,361,958	3,239,162
Transfers Out	422,250	188,358	311,895
Total Expenses	67,820,504	17,910,219	32,208,198
Revenues Over/(Under) Expenses	921,602	(1,129,344)	(24,372)

Due to declining consumption levels and eroding financial performance of the three utilities, the City contracted with a nationwide consulting firm in late 2010 to conduct a comprehensive rate study. The rate study, which was accepted by the City Council on May 2, 2011, contained many suggestions for changes to the City's utility rate structure that would allow for long term financial sustainability of the City's utilities. Several of these changes were implemented beginning in the 2011-2012 fiscal year and each year thereafter. In conjunction with the preparation of the annual budget, City staff updates the assumptions utilized in the rate study and proposes a rate structure for the next fiscal year. The resulting rates consider the latest data regarding financial performance and reserve levels of each of the individual utilities. The City is currently engaged in a new rate study to determine if any adjustments to the rate structure are necessary.

After seven fiscal years of rate adjustments, the utility funds are realizing some of the goals and objectives detailed in the rate study. The Electric Fund is consistently generating surpluses and the reserves are anticipated to continue in a positive position throughout the budget projection period. The rate structure will allow for much more moderate rate adjustments to keep pace with the City's anticipated changes in its wholesale power costs. Based on the current cost structure, these rate adjustments should allow for continued positive financial performance within the Electric utility.

City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget

The are no changes proposed to the Electric utility's rate structure for fiscal year 20-21. For the City's residential electric customers:

- The monthly service charge will hold steady at \$17.50.
- The base residential rate for kWh consumed will remain flat at 12.08 cents per kWh year-round.
- There will be no change made to the summer month premium rate of 13.66 cents charged for kWh consumed in excess of 1,200.

Targeted rate adjustments to address specific areas of concern within the utility are a relatively recent addition to the City's approach. Previously, annual rate increases typically happened "across the board" and applied to all rate, seasonal, and customer classes. There will be no changes in the rate structure for the City's non-residential electric customers for FY 2020-2021.

Rates will be adjusted in the Water and Sewer utilities during FY 20-21. The City had historically followed a practice of utilizing non-rate revenues to subsidize the operations of these utilities. Therefore, the rate structure has been adjusted over time to realize the long-term goal of providing adequate funding for the costs of water and sewer service to the City's utility customers.

For the water utility, a 9.0% increase in rates and monthly customer charges will be implemented on May 1 and will first appear on utility bills mailed out in June. It is anticipated that these changes will result in an average monthly increase of \$4.17 for a typical residential customer. Despite seven years of annual increases, the water utility's current rate structure does not provide adequate funding given the amount of capital improvements that must be undertaken to ensure the stability of the water system. These improvements include water well development and rerouting water from one well to another so that it can be properly treated before distribution to customers. In addition to expanding water capacity and improving the treatment processes as noted above, various improvements will be made to water system components, such as SCADA system upgrades, water tower painting, and AMI implementation. In total, staff estimates approximately \$37.3 million in water system and infrastructure improvements over the next four (4) fiscal years. The aggressive capital improvements program is the primary reason for the rate increase.

Fiscal Year 2016-2017 was the first year that fundamental changes in the rate structure for the wastewater utility were implemented. There are significant capital projects anticipated within the wastewater utility, as many systems within the sewage treatment plant are near the end of their operational lives. During FY 19-20 the wastewater treatment plant was upgraded to comply with new phosphorus standards, as promulgated by the Illinois Environmental Protection Agency (IEPA).

The IEPA has mandated more stringent removal of phosphorus from the effluent of the wastewater treatment plant discharged to the Fox River. The City has devised a plan to comply with those standards, but that compliance comes at a cost. In order to fund the equipment required for compliance with the new mandate, the City instituted an "EPA Compliance Assessment" during FY 16-17 that consisted of a fixed charge of \$0.45 per customer per month. In FY 17-18, FY 18-19 and FY 19-20, the EPA Compliance Assessment fee was increased to \$0.90, \$1.35 and \$1.70 per customer per month, respectively. For FY 20-21, the EPA Compliance Fee will increase to \$2.15 per month. Additionally, the fixed monthly service rate and the volumetric charge rate will each incorporate a 5.0% increase. These rate changes reflect the recommendations outlined in the rate study. Future increases to the EPA Compliance Assessment are

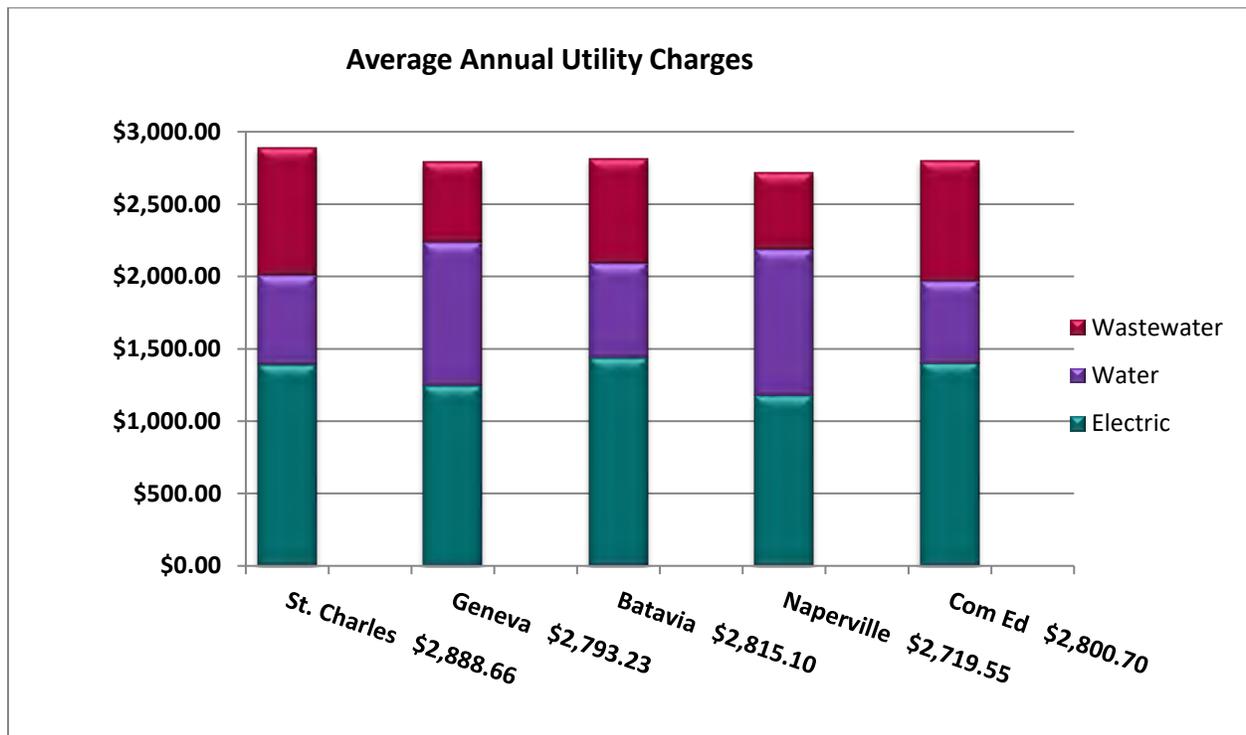
**City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget**

contemplated to provide adequate funding for the City to comply with ever more stringent EPA regulations.

The City will also be performing repair, maintenance and replacement work on the digester equipment at the wastewater treatment facility. These improvements are nearing the end of their operational lives and require repairs. In addition to improving the treatment processes as noted above, various improvements will be made to the wastewater collection system components, such as maintenance of lift stations and various improvements to prevent infiltration of groundwater and stormwater into the collection system. In all, staff currently anticipates approximately \$58.6 million in wastewater system and infrastructure improvements over the next four (4) fiscal years.

The goal of the utility rate study is to assure that the City’s rate structure is adequate to finance the costs of providing utility service and also to assure that the rate structure matches the manner in which those costs are incurred. The proposed changes will help to meet that goal and also to assure that the utilities remain fully self-supporting, are funded entirely by rates paid by customers, and receive no tax revenue support. The second goal of the City’s rate structure is to assure that adequate resources exist to make necessary improvements and upgrades to the City’s utility infrastructure so that residents continue to receive the reliable, high quality utility service that they demand.

As shown on the following chart, even with these changes to the utility rate structure, the City’s proposed utility rates for FY 20-21 will result in annual utility charges that are comparable to those in other area communities.



City of St. Charles
Budget Message and Summary
FY 2020-2021 Budget

Conclusion

Developing a balanced budget requires the City's team of elected officials and dedicated directors and chiefs to choose amongst many worthy programs and projects. The formation of the FY 20-21 budget was extremely challenging as a result of levelling revenue streams and changes in the actuarial industry which increased pension contribution funding requirements. After much evaluation and the implementation of one-time budget measures, the proposed General Fund budget projects that expenditures will be \$1,163,583 greater than revenues. As a means of balancing the budget, the City will be utilizing previously accumulated reserves to offset the operating deficit.

We want to thank all City departments for taking the time to closely scrutinize their budgets and prioritize their operating needs. We must also recognize the efforts of staff in the Finance Department who helped to facilitate the budget preparation. Colleen Lavery, Jill Ghiotto, Terry Barth, Kim Diehl, Carylie Forte, and Alpa Patel all worked diligently so that this document could be presented.

The proposed budget continues to sustain a very high level of service to the community. It maintains a service delivery framework that balances resources with needs. It reflects financial investments that are made based on the strategic priorities of the Mayor and City Council.

We submit this budget for the consideration of the City Council, and recommend its approval.



Raymond P. Rogina
Mayor



Mark Koenen
City Administrator



Christopher A. Minick
Director of Finance

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City of St. Charles
Budget Process
FY 2020-2021 Budget

Budgetary Controls

The City's budgetary operations are governed by the Budget Act as provided for in the Illinois Compiled Statutes and administered by the Director of Finance. Under the Budget Act no appropriation is required to be passed and an annual budget must be adopted prior to the year the funds will be expended. St. Charles' fiscal year begins May 1. The City adopts annual budgets for the General, Special Revenue, Debt Service, Enterprise, Internal Service, and Capital Projects Funds. Budget reports are run at various levels to allow for analysis, from very broad (by Fund) down to a detail object basis. The City also maintains an encumbrance accounting system as one technique of accomplishing budgetary control.

Review & Development

Each year in November or December, the Staff presents a "Mid-Year Budget Update" to the Government Operations Committee. During this review, the financial results of the first six months of the current fiscal year are discussed. Staff then develops the parameters and establishes the objectives for the upcoming fiscal year budget.

In November, Department Directors prepare their individual departmental budgets in conjunction with the parameters developed. The budgets are then entered into the budgeting and planning software by departmental staff. Typically, budgets must be entered by the first week of January. The budget data is compiled and budget meetings are held with the City Administrator, Finance Director and the individual Department Directors. During this meeting, major operating changes, departmental goals and requests for capital expenditures are discussed. Also, efforts to coordinate and combine requests and identify more efficient methods to accomplish the department's and City's objectives are evaluated. Any unjustified items are eliminated from the budget at this time.

In mid to late February, a budget retreat is held to present the proposed budget to City Council. The City Council discusses any concerns that they may have. The budget is then revised based on these conversations.

Adoption

The City must make the tentative budget available for public inspection at least ten days prior to passage, and notice of a public hearing must be published in a newspaper having general circulation at least one week prior to the hearing. After the public hearing is held, additional revisions to the budget can be made and the budget passed without any further inspection, notice or hearing. St. Charles' budget is usually passed at the second Council meeting in April.

Revisions

After the budget is passed, a change may become necessary. The same guidelines are followed whether there is an increase, decrease or lateral line item transfer. A written request is submitted or a budget revision form is filled out listing the type of request and justification for the revision. The Finance Director must then approve the revision form. Revisions are presented to the City Council monthly and require a two-thirds vote of approval. No revision is made to increase the budget in the event funds are not available to effectuate the purpose of the revision.

**City of St. Charles
Budget Timeline
FY 2020-2021 Budget**

Date	
October 15, 2019	Finance department begins to prepare the budgeting system for entry and sets the standard projections for the 4-year budget cycle
November 18, 2019	Budgeting system opens for department entry
January 13, 2020	Budgeting system is closed for department entry
January 14, 2020	Department Directors meet with Finance Director and City Administrator to discussed proposed staffing
January 20, 2020	Department budget meetings with Finance Director and City Administrator begin
January 31, 2020	Department budget meetings completed
February 14, 2020	Preliminary budget draft completed
February 22, 2020	Council Retreat – Budget review with aldermen
March 16, 2020	Budget Presentation at Government Operations Committee
March 25, 2020	Notice of Public Hearing for the Budget is published in the Daily Herald
March 30, 2020	Distribution of budget books to City Council
April 6, 2020	Public Hearing on Budget
May 1, 2020	Beginning of budget year

City of St. Charles
Fund Balance Disclosures
FY 2020-2021 Budget

Governmental Fund Balance Categorizations

Governmental funds' equity (difference between assets and liabilities) is classified as fund balance. Fund balance is further classified as nonspendable, restricted, committed, assigned and unassigned. These categories are described as follows:

Nonspendable Fund Balance

Represents fund balances which are either not in spendable form or legally or contractually required to be maintained intact.

Restricted Fund Balance

Represents fund balances which are constrained by legal restrictions from outside parties for use for a specific purpose, or externally imposed by outside entities or self-imposed by enabling legislation.

Committed Fund Balance

Represents fund balances that have self-imposed limitations put in place by formal action by the City Council. Formal actions include resolutions and ordinances approved by City Council.

Assigned Fund Balance

Represents fund balances that have limitations due to being earmarked for an intended use. Authority to assign fund balances is designated to City staff as disclosed in a later section.

Unassigned Fund Balance

Represents total General Fund balance in excess of nonspendable, restricted, committed and assigned fund balances. The categorization only applies to the General Fund. Unassigned fund balance is available and expendable for any General Fund purpose. Unassigned Fund Balance typically designates the "Reserve Level" of the General Fund. By City Council policy, Unassigned Fund Balance (Reserves) must be maintained at a minimum level of 25% of Annual Expenditures and Transfers Out. Deficit fund balances in any other governmental fund will also be reported as unassigned.

Governmental Fund Flow Assumptions

The City's flow assumptions are based on GASB 54 definitions. The City will spend the most restricted fund balances first thus providing the most financial flexibility. Funds are spent in the following order:

1. Restricted
2. Committed
3. Assigned
4. Unassigned

Authority to Assign Governmental Fund Balances

In accordance with GASB 54, and by adoption of the FY 20-21 budget, the authority to determine assigned fund balances is conveyed to both the Finance Director and the City Administrator.

City of St. Charles
Financial Policies
FY 2020-2021

Policy Goals

Prior to May 1 of each year, the City Council adopts a formal budget for the upcoming fiscal year and estimates revenues and expenditures for three subsequent years. The City adheres to a number of policies when developing the budget. These policies can be categorized into four types; General, Operational, Debt, and Budgetary. The following policy goals explain how the City determines “what” to include in its budget.

General Policies

Policy goal: Create an economic environment that will encourage businesses to locate in St. Charles and create opportunities for existing businesses.

St. Charles has long been recognized as a desirable place to live, work and recreate. This is evidenced by the steady growth in population and sales tax revenue. It is important for the City to continue to develop an environment that will encourage economic development. Without meaningful economic development, and economic revitalization, property taxpayers will need to absorb more of the burden to support City services.

Implementation: The City is taking an operative role in its economic development. The Economic Development Division actively markets St. Charles to developers, retailers, and commercial realtors. In an effort to keep in touch with the needs of local business, the Mayor, City Administrator, and Economic Development staff have been visiting various industries to listen to their input and learn more about their operations. Additionally, the City has passed an Economic Development Policy, and when advantageous, approves economic incentive packages for commercial and industrial entities within the City.

Policy goal: Seek a ratio of equalized assessed value equal to two thirds residential and one third commercial /industrial.

A community represents an ecological unit in many respects. Commercial businesses need customers, industrial businesses need workers, and residents rely on both. The balance among these elements will determine whether the community can remain viable over time. Therefore, it is important for the City to maintain the most optimum mix of residential and business segments.

Implementation: The City has maintained a balance of approximately 68% residential to roughly 22% commercial and 10% industrial for many years. It is anticipated that the next four years will maintain this ratio.

Policy goal: Investment practices should have avoidance of risk as the primary objective. Secondly, practices should provide for the liquidity, diversification, and lastly, yield.

Investment practices are driven by two countervailing principles and an investor must choose which controlling principle to use. Accepting a high risk generally means greater returns over the long run. However, the risk tolerance of a public agency is minimal and the first consideration must always be risk avoidance.

City of St. Charles
Financial Policies
FY 2020-2021

Implementation: The City maintains its own investment policy addressing these broad policy issues as well as other investment practices. In addition, the monthly Treasurer’s Report includes investment information about terms, portfolio breakdown, and yields.

Budgetary Policies

Policy goal: Maintain available fund balance (working capital) of at least 25% of operating expenditures for the General Corporate Fund and 25% for the enterprise funds.

In order to allow for seasonal variances and funding emergencies the City has established a policy of always maintaining a working capital balance as described above. Available fund balance is defined as the difference between current assets, not including inventory (i.e. cash, investments, accounts receivable), and current liabilities (i.e. accounts payable, accruals, and contracts payable).

Implementation: The proposed budget will meet the above policy for the General Fund and Electric Fund. Challenges have been encountered over the last several years in maintaining this policy over the long term for the City’s water and wastewater enterprise funds. However, the City is making strides to rectify this situation by implementing a rate structure that incorporates the findings of a rate study that took place in April 2011. The FY 20-21 budget represents the eighth year in a row that these rate changes have been made. An update to the 2011 rate study is currently in process. It is anticipated that the resulting rate structure will return all of the utilities to a self-sustaining status and the reserve requirements for the enterprise funds will be realized over the long term.

Policy goal: Prepare an annual budget for the upcoming year and a projection of revenues and expenditures for three subsequent years.

The City needs to understand the impact of current budget decisions on future years. Operating expenditures could be increased to financially imprudent levels and appropriate capital requests deferred if the long-term implications of budget decisions are not clearly understood.

Implementation: The proposed budget is for a four-year period and includes estimates of all operating and non-operating revenues and expenditures. Projections of revenues and expenditures are typically conservative for analysis purposes. Staff has a demonstrated history of taking the steps necessary to provide for a balanced budget and matching expenditures to corresponding revenue streams.

Policy goal: The budget, to the extent practical, shall be prepared on a basis consistent with generally accepted accounting principles (GAAP).

The budget is prepared on a basis consistent with GAAP except for certain items that are adjusted on the City’s accounting system at year-end. During the year, the City’s accounting system is maintained on the same basis as the adopted budget. This enables departmental budgets to be easily monitored via accounting system reports which are prepared on a monthly basis. The major differences between this budget and GAAP for governmental funds are: a) certain revenues and expenditures (e.g., compensated absences) are accrued (GAAP) but are not recognized for budgetary purposes; and b) self-insurance contributions are recognized as expenditures for budgetary purposes only.

City of St. Charles
Financial Policies
FY 2020-2021

Enterprise fund differences consist of the following: a) certain items (e.g., principal expenditures and capital outlay) are recorded as expenditures for budgetary purposes as opposed to adjustments of the appropriate balance sheet accounts (GAAP); and b) depreciation is recorded as an expense (GAAP) and not recognized for budgetary purposes.

Implementation: The proposed budget reflects the above method of accounting.

Policy goal: Submit a budget annually to the City Council that is within the City's ability to pay.

The City Council attempts to effectively review the budget in a short period of time. Through attendance at monthly committee meetings, the staff is well aware of council priorities and can prepare a budget within these priorities. In order to limit the Council's review to important policy issues, the staff shall submit a proposed balanced budget to the City Council. Upon submittal to the council, the budget can be changed in any manner desired by the Council.

Implementation: The proposed budget submitted to the City Council is within the City's ability to pay as the Revenues, Expenditures & Cash Balance Summary report indicates.

Although the FY 2019-2020 budget anticipates the use of previously accumulated reserves to fund the operations and capital purchases of several funds, the staff has presented a budget within the City's ability to pay.

Policy goal: A monthly treasurer's report shall be submitted to the City Council that will include a consolidated balance sheet, summarized statement of revenues and expenditures, analysis of investments, and a narrative explaining any significant variances.

It is difficult for the Council to review the City's financial activities in great detail; however, it is imperative that they are made aware of any unusual occurrences throughout the year. The Treasurer's Report is the means by which this can be done.

Implementation: A monthly treasurer's report is provided with all of the reports indicated. Additionally, staff presents an update of financial results at a committee meeting on a quarterly basis. Significant variations from expectations are discussed and analyzed for the Council's information.

Policy goal: Estimate revenues and expenditures realistically considering those that have a high degree of elasticity.

Revenues and expenditures should be estimated realistically, however, care must be taken to understand the changes that can occur because of unforeseen economic events.

Implementation: The budget plan followed this guideline. For example, connection fees and building permit revenue are estimated very conservatively. Likewise, consumptive taxes are highly elastic and must be budgeted conservatively. The current FY 20-21 budget draft incorporates this philosophy specifically to two major revenue generating entities. The revenue projections have been adjusted to incorporate discontinued business operations at these two entities during FY 20-21. Additionally, in the past the City Council has directed Staff to evaluate and prioritize services and programs offered in response to anticipated revenues shortfalls caused by prevailing economic conditions at those times. In other words, the City has prioritized services and adjusted budgeted expenditure levels to equal anticipated revenue streams.

City of St. Charles
Financial Policies
FY 2020-2021

Operational Policies

Policy goal: Assess user fees wherever the cost of service can be logically associated with the user of a service and the implementation of a user fee is economically justified.

In line with the City's policy to maintain tax rates as low as possible, it shall assess user fees for those services which can be identified as benefiting a specific group of users. User fees will only be used where the cost to assess the fee is not economically excessive.

Implementation: This budget anticipates continued adjustments to the City's utility rate structure. Ongoing changes to the utility rate structure will occur in future years to implement the results of the utility rate study. The City has also enacted a Power Cost Adjustment Factor (PCAF) charge to remove applicable elements of risk related to the generation price of wholesale electricity purchases. Any adjustments to the rate structure will seek to match the revenue stream to the amount and the method in which the utility incurs expenses.

Policy goal: Pay current operating expenses from current revenues.

Only revenues that will be annually available will fund ongoing expenses. Services will not be expanded beyond the City's level of current operating revenues.

Implementation: The proposed budget will meet the above policy. The FY 20-21 budget does anticipate the use of approximately \$1.160 million in accumulated reserves, a portion of which will finance the cost of debt service related to First Street.

During the 4th quarter of 2019 the City became aware that two businesses would be ceasing operations in the City. These businesses generate significant amounts of consumptive tax revenues for the City. When the use of these reserves is taken into account, projections for FY 20-21 indicate that the City will still have a reserve of approximately 35%, or 10% above the minimum reserve threshold of 25%.

During FY 2020-2021, the City anticipates an evaluation of its service delivery model and plans to incorporate financially prudent measures to match service levels to anticipated revenues on a consistent basis, resulting in a structurally sound service delivery model.

Debt Policies

Policy goal: Confine long term borrowing to a time period not to exceed the useful life of the equipment or project.

Extending financing beyond the useful life of a project is a clear sign of financial trouble and is indicative of an organization that is living beyond its means. Additionally, extending financing beyond the useful life of the asset violates IRS guidelines for tax exempt borrowing.

Implementation: The City has been financing improvements and equipment in accordance with the anticipated useful life of the asset acquired. Financing terms do not exceed the useful life of the assets acquired and the City remains conservative in determining estimated useful lives. In the recent past, the City has issued debt or certain portions of bond issues have been amortized over periods shorter than 20 years to reflect this policy.

Policy goal: The City will fully disclose information in its financial reports and official statements.

City of St. Charles
Financial Policies
FY 2020-2021

The attitude of full disclosure must pervade all financial reporting in order to maintain public trust and the confidence of investors and rating agencies.

Implementation: This has always been the City’s practice and is required by State and Federal law.

Policy goal: The City will restrict current activities to a point where all bond covenants will be met.

It is important to meet all obligations of the bond covenants, both from an ethical and legal standpoint. Our ability to meet these covenants will also reflect on how rating agencies view the City.

Implementation: The City is currently meeting all bond covenants.

Policy goal: Debt service should not exceed 10% of operating expenditures for the General Corporate Fund and 15% for the enterprise funds.

The City has recognized a stated level of debt it believes can be managed. If the City approaches any amount beyond the established levels, then it could signal the City is “living beyond its means.”

Implementation: For the General Fund, the City currently meets this standard for the upcoming budget year as well as the two subsequent years. Preliminarily, year four of the proposed budget has the General Fund debt ratio at just above the 10% goal. The Electric Fund does meet this goal for the upcoming budget year as well as the three subsequent years. The Water Fund and Wastewater Fund do not currently meet this goal. This is primarily the result of additional debt service related to the financing of significant capital projects within these funds, including the development of a new water well, the Wastewater phosphorus removal and digester improvements project, the West Plant Expansion, as well as previous debt issuances related to a third water tower, a major water line replacement, and the construction of facilities to comply with mandated radium standards. Both the Water and Wastewater Funds have adequate reserves to assist in debt service payments if necessary.

Policy goal: Capital expenditures of less than \$500,000 will not be financed.

We have determined the City should be able to “pay as we go” for any capital item of less than \$500,000. Issuance and administrative costs, portions of which are fixed, added to the interest rate obligation, become excessive at levels below \$500,000.

Implementation: Although there may be financing proceeds of less than \$500,000, this is only the result of a continuation of projects that totaled more than \$500,000 and crossed fiscal years. When determining costs applicable to the project, the City will bond for related design, engineering and legal costs as applicable, and if there is a greater chance than not that the project will proceed. In addition, the City will comply with IRS regulations for design, engineering, and legal cost thresholds if the debt is being issued on a tax-exempt basis. The City remains committed to utilizing bond funds only for projects that exceed \$500,000 in total costs.

City of St. Charles
Trend Analysis
FY 2020-2021 Budget

Trend Analysis

In order to prosper, municipalities must be keenly aware of their financial health. Local officials must monitor, analyze, and respond to changing environments in order to insure their municipality's present and future viability. The City has demonstrated a history of recognizing and appropriately reacting to changing financial conditions to minimize adverse impacts to residents, services and programs.

Trend analysis allows the City of St. Charles to monitor changes and anticipate future problems. This section identifies the factors that affect financial condition and rationally arranges them to facilitate analysis and measurement. This information serves as a management tool by pulling together information from City documents and combining it with relevant economic and demographic data. The end result is a report based on a series of financial indicators that, when plotted over time, can be used to monitor changes in financial condition and alert City officials to future problems. This report contains indicators that are grouped together into six categories:

Community Growth Trends

These indicators were developed to provide information about trends in the community that influence the financial performance of the City. A community that is growing will have certain pressures placed upon it, as well as the financial gains it may realize as a result of this growth. Conversely, a community that has stagnated may have difficulty generating new revenues to keep pace with rising operational and capital costs.

Comparative Trends

This data compares the financial health of the City to its "comparable communities." St. Charles competes with other municipalities for tax dollars. In addition, neighboring communities can place demands upon the City's infrastructure.

Revenue Trends

These revenue trends provide detailed analysis concerning the City's property and sales tax base. In addition, any other significant revenue sources are included in this section.

Expenditure Trends

Understanding the City's revenue trends only presents a portion of the City's financial picture. Expenditure trends are analyzed in conjunction with revenue in order to understand the relationship between the two.

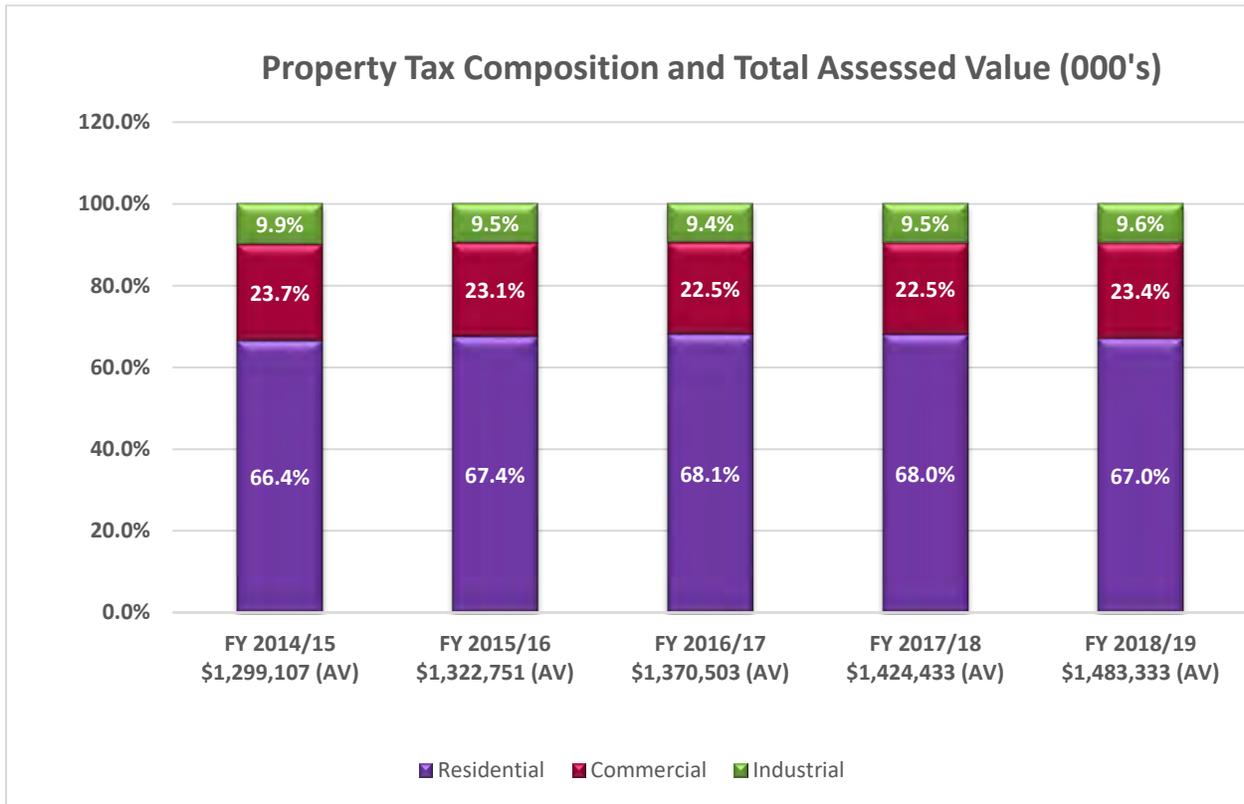
Enterprise Fund Trends

This information focuses on the City's business-type activities, also known as enterprise funds. Business-type activities include electric, water, sewer, and refuse services. These trends evaluate revenues, expenditures, and fund balances. Enterprise fund operations are intended to be financed entirely by user charges for the service provided. They are not anticipated to be subsidized by tax revenue.

Debt Service Trends

Debt service trends provide an overview of the City's debt picture by including charts that illustrate general obligation debt and overlapping debt from other jurisdictions. These indicators monitor how the City is faring in both regards.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



Indicator Description

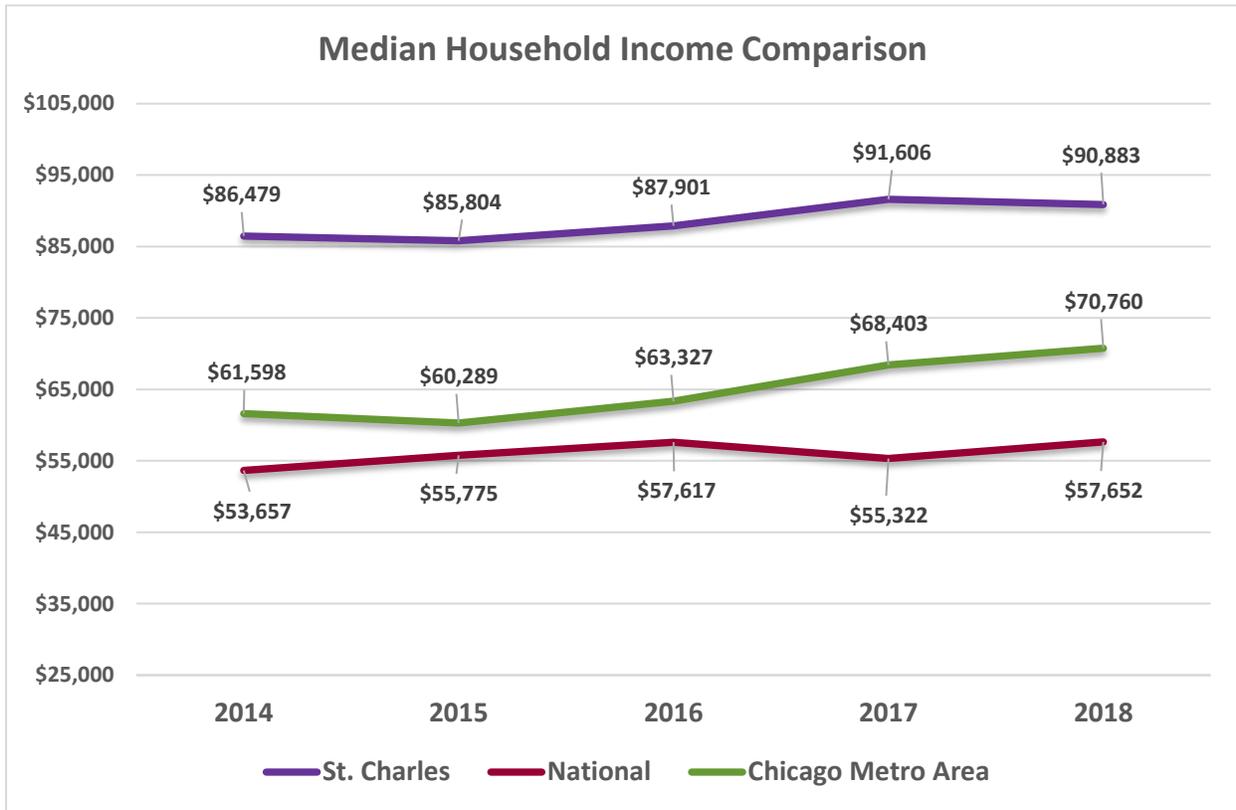
Property in Illinois is assessed at 1/3 of its fair market value and the assessed value (AV) is the base upon which the property tax rate is applied. Residential property comprises approximately 67% of the City's total equalized assessed value, compared with 23.4% for commercial properties and 9.6% for industrial sites.

Trend Analysis

Assessed valuations for St. Charles have increased approximately 12.2% for the five-year period under review. The City's assessed valuations fell to 1,299,106,833 in FY 2014-15 after reaching its peak of 1,648,526,358 in FY 2008-09. The 2019 tax levy assumes that property values will increase 5.0% to \$1,557,499. This assumption is consistent with the property value increases realized during FY 2016-17, FY 2017-18 and FY 2018-19 which have been 3.5%, 3.8% and 4.0%, respectively.

Traditionally, St. Charles has been able to maintain a well-diversified tax structure, because sales tax could be relied on as a major funding source. While sales tax revenues have risen over the past five years, increased competition from neighboring communities for sales tax dollars has increased the City's reliance on other revenue sources to maintain and enhance current services. The City should maintain a diversified tax and revenue structure for overall sustainability and continued financial health.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



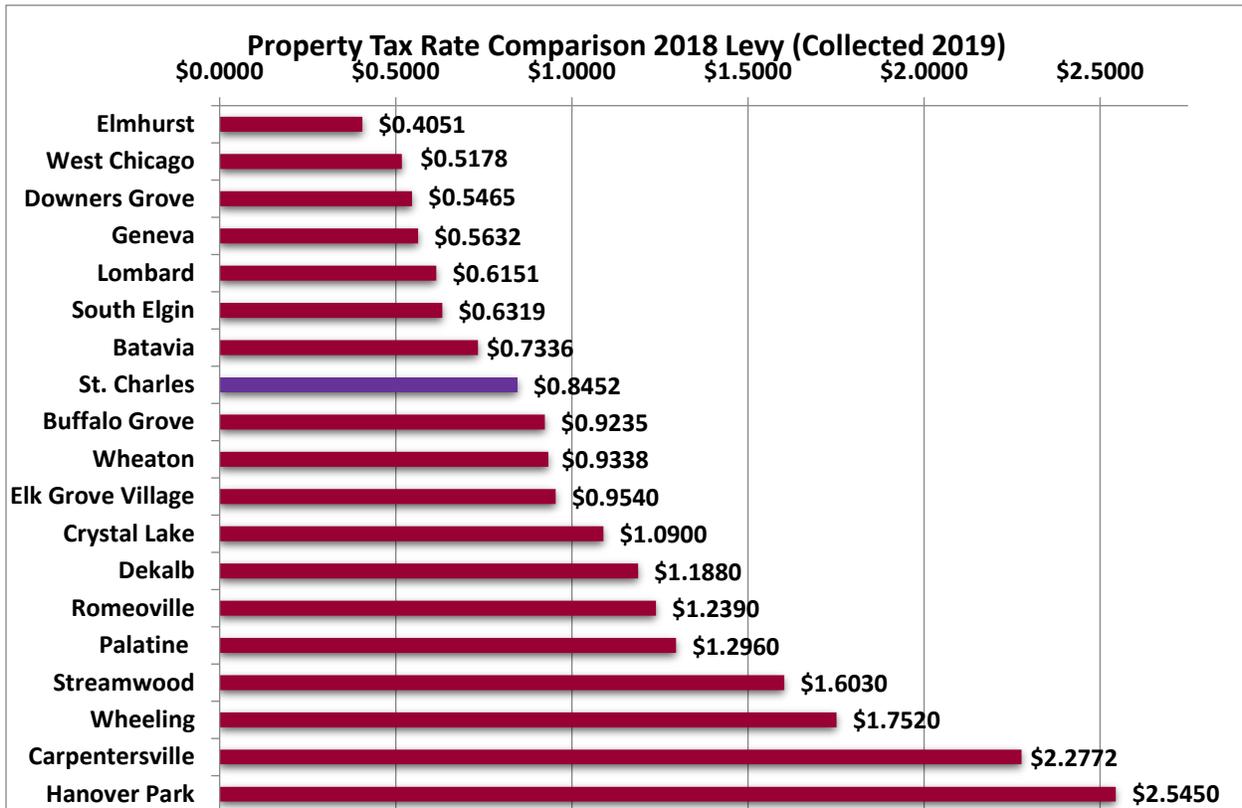
Indicator Description

Median household income is one measure of a community's ability to pay taxes: in theory, the higher the household income, the greater the ability to pay taxes. Credit rating agencies use this indicator as one measure of a local government's ability to repay debt. These agencies compare income with per resident governmental expenditures to determine whether growth in income is keeping pace with growth in expenditures. The median income in St. Charles remains well above average when compared to national and regional estimates.

Trend Analysis

At \$90,883, median household income for the City of St. Charles is considerably higher than the national average of \$57,652 and the Chicago Metro average of \$70,760, which provides for a stable tax base. St. Charles has not relied exclusively on its residents for revenues. In FY 18-19, sales, hotel, local fuel and alcoholic beverage tax revenues accounted for approximately 48% of General Fund revenue and are imposed on visitors as well as residents.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



Indicator Description

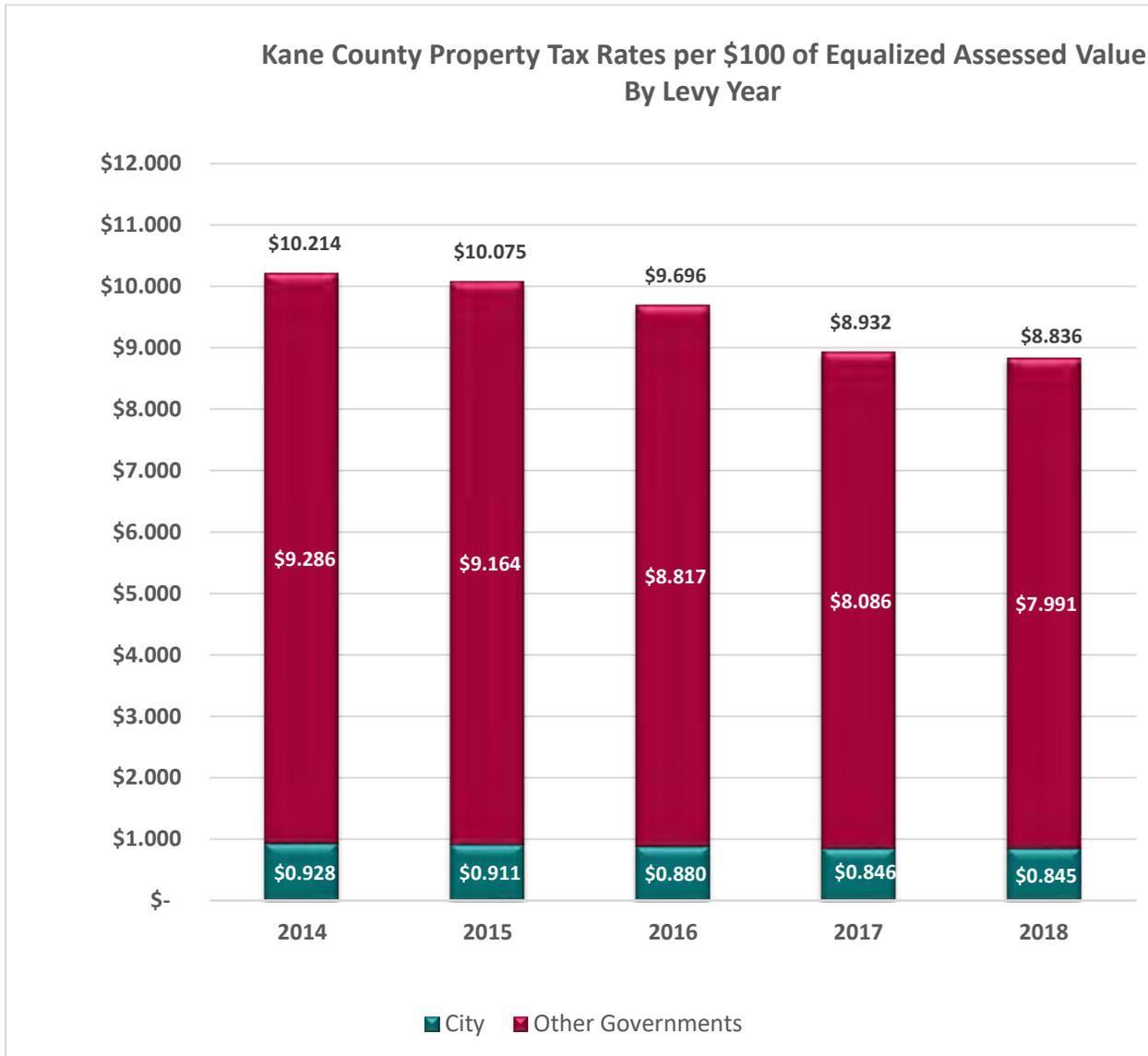
The City maintains a policy of levying property taxes at a rate which keeps it comparable to neighboring communities. If necessary, the property tax rates shown above have been adjusted to reflect all the services provided by the City of St. Charles. To illustrate, a community’s fire protection district is included when a City does not provide its own fire service.

Trend Analysis

The City remains mindful of the total local tax burden it places on its residents. For this reason, the City’s property tax levy had been frozen at \$12,055,117 for nine years beginning in 2009 and ending in 2017. For 2018, the tax rate was maintained at 2017, rates which increased the levy in an amount proportionate to the rise in the City’s EAV. This provided the City with additional property tax revenue. The tax levy amount for 2019 is estimated to increase 1.9% or \$238,206 compared to the prior year. This 1.9% increase is commensurate with the increase in the Consumer Price Index (CPI).

To better manage property tax increases the City continues to diversify revenue sources. In FY 2018-2019, the City added a two-cent local fuel tax and increased alcohol taxes and hotel taxes by one percent. Other actions taken by the City include expanding its commercial tax base in order to generate additional sales tax revenue, carefully monitoring user fees to ensure related costs are recovered, aggressively collecting all revenue owed, and maximizing investment income while adhering to City investment policies.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



Indicator Description

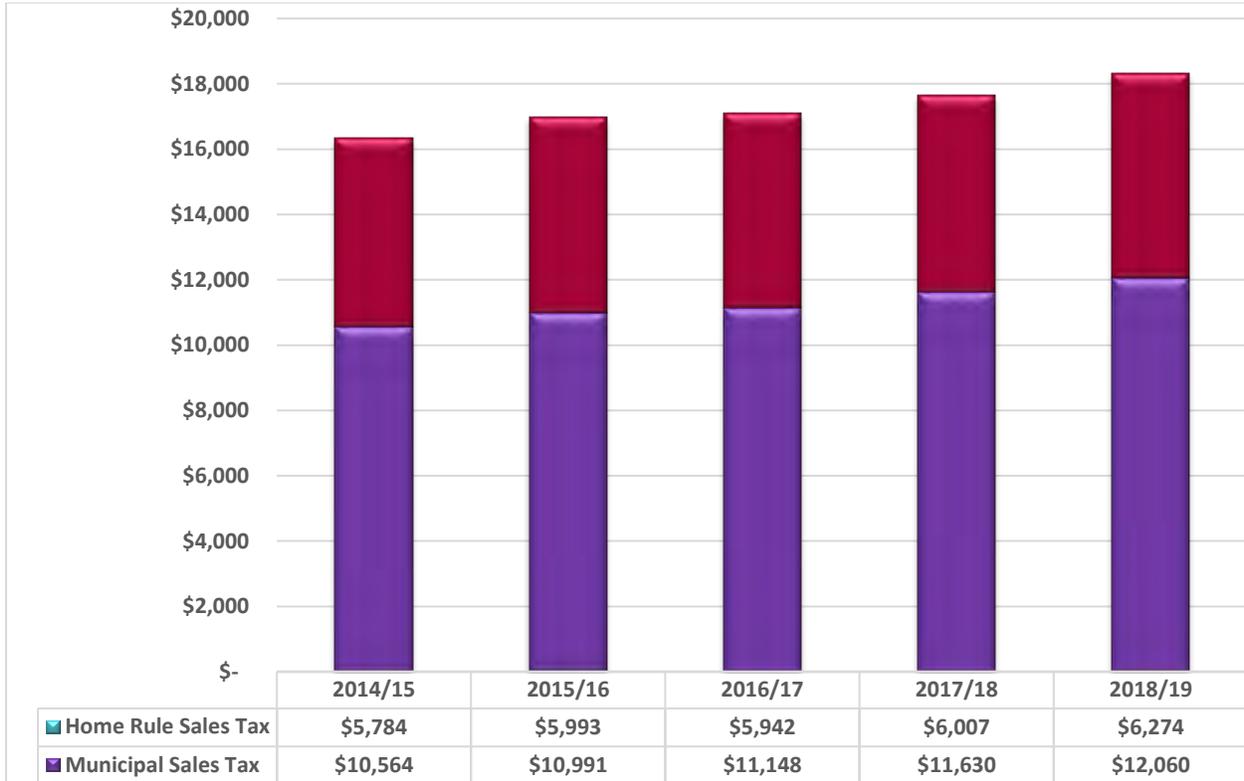
The above chart illustrates the City’s portion of the property tax rate as compared to the total community tax rate which includes the rates of overlapping governments (i.e.: County, school district, park district, library district, etc.). Decisions related to tax levies take into consideration the total community tax rate. The City’s portion of the total property taxes levied in 2018 was 9.56%.

Trend Analysis

The City’s tax rate has declined 8.9% during the period under review. This reduction is a function of rising equalized assessed values (EAV) coupled with freezing the amount of the property tax levied. After nine years of maintaining the same levy dollar threshold, the 2018 property tax levy amount was increased in a sum proportionate to the rise in the City’s EAV. This action did not increase the tax rate. The 2019 tax rate is projected to decline by approximately 3% from \$0.845 to \$0.820 because the City’s EAV is expected to grow 5.0% but the City is only increasing the levy dollars by 1.9%.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

Sales Tax Receipts (000's)



Indicator Description

Sales tax is an elastic source of revenue, meaning it is highly dependent on local economic conditions. It is important that the City have a diverse portfolio of revenue sources that include non-elastic revenue streams to reduce the impact of an economic decline. An important attribute of sales tax is that a large portion of it is paid by non-residents.

Trend Analysis

The City approved a 0.25 percent home rule sales tax in 1996, an additional 0.25 percent in 1997 and another .50 percent in 2004. The 1.0 percent home rule sales tax is included in the above table and applies to all general merchandise, excluding groceries, pharmaceutical drugs, and titled vehicles. Fiscal Year 2008 was the first time that sales tax revenue declined in the City. Further decreases were experienced in fiscal years 2009 and 2010. These reductions were primarily the result of the recessionary economic conditions. Starting in fiscal year 2011 the City has experienced a steady growth in sales tax revenue. It should be noted that beginning on July 1, 2017, the State of Illinois began charging a 2.0 percent administrative fee which is applied to Home Rule sales tax receipts. This fee is accounted for as a reduction of home rules sales tax. The City budgeted a modest growth in its sales tax revenue stream into fiscal year 2020-2021.

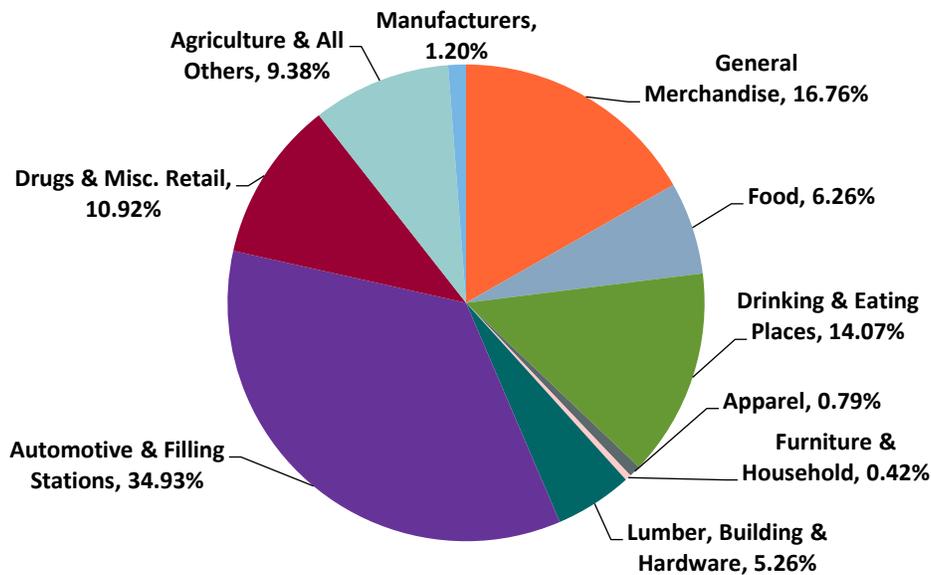
**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

Business Type	2015 Amount	2016 Amount	2017 Amount	2018 Amount	2019 Amount
General Merchandise	\$ 3,310,733	\$ 3,201,074	\$ 3,100,863	\$ 3,184,788	\$ 3,110,959
Food	1,075,718	961,677	1,069,463	1,161,626	1,162,181
Drinking & Eating Places	2,166,866	2,290,079	2,406,612	2,532,569	2,611,454
Apparel	73,714	72,288	78,590	121,409	147,405
Furniture & Household	112,504	137,846	69,541	69,781	77,455
Lumber, Building & Hardware	915,433	958,563	977,509	966,423	976,151
Automotive & Filling Stations	5,249,517	5,419,558	5,968,988	6,521,631	6,481,867
Drugs & Misc. Retail	1,671,688	2,022,839	2,014,841	1,789,312	2,025,890
Agriculture & All Others	1,950,539	1,662,249	1,712,199	1,691,574	1,740,773
Manufacturers	206,683	237,790	195,271	207,662	222,402
Total	\$ 16,733,395	\$ 16,963,963	\$ 17,593,877	\$ 18,246,775	\$ 18,556,539

Indicator Description

The City's sales tax revenue is generated from a variety of business sectors as shown in the table above. The information is presented by calendar year, rather than fiscal year, because it is only available from the Illinois Department of Revenue in this manner. Awareness of what percentage certain retail goods constitute of the whole can provide City officials with a sense of how diverse the City's sales tax base is as well as how that diversification is able to withstand economic downturns.

Percentage Sales Tax by Business Type for Calendar Year 2019

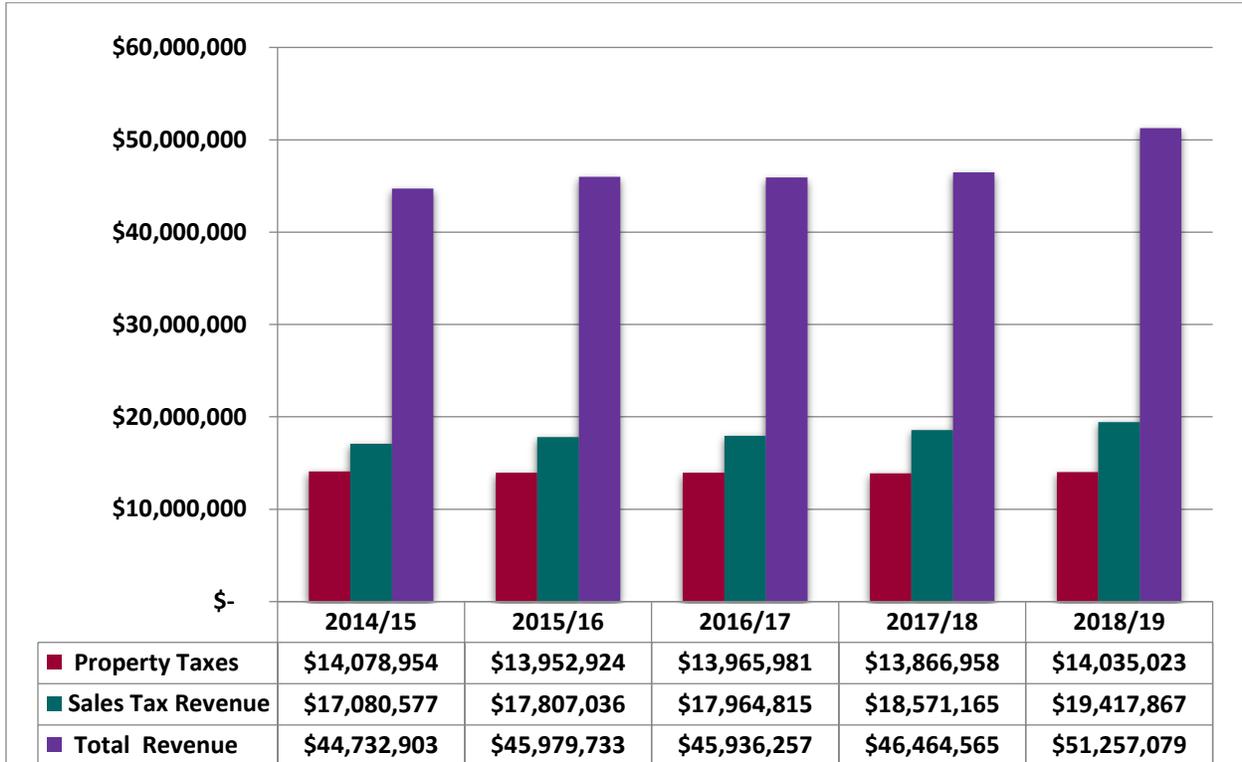


Trend Analysis

The largest source of sales tax revenue for the City comes from automotive and filling stations (34.93%), which include new and used car dealers, auto and home supply stores, gas and service stations, as well as automotive repair. The City realized a significant increase in automotive generated sales tax revenue in 2017 due in large part to the opening of Fox Valley Volkswagen. The second largest provider of sales tax revenue is general merchandise (16.76%). Drinking and eating places (14.07%) ranks third as a sales tax revenue stream. This demonstrates the City's reputation as a dining destination and reflects the growth in the number of eating establishments.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

**Property Tax Revenue and Sales Tax Revenue
Compared to Governmental Funds Operating Revenue**



Indicator Description

This indicator compares property tax revenue, including SSA and TIF property tax revenue, and sales tax revenue (includes state sales tax, home rule sales tax, municipal use tax, and state auto rental tax) to governmental operating revenues, which are revenues from the general fund, debt service funds, and special revenue funds. This graph highlights the degree of dependence on property taxes to fund services such as police, fire protection, and street repair.

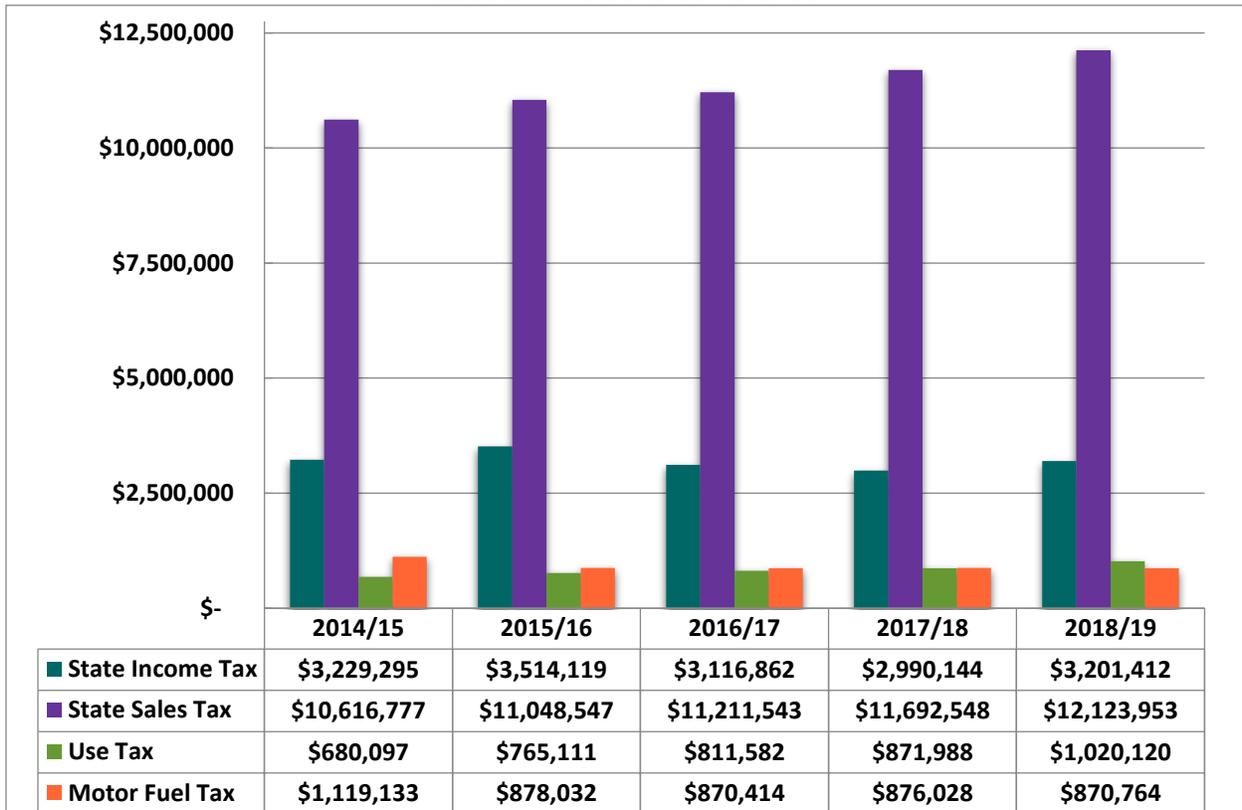
Trend Analysis

Property Tax as a percentage of governmental funds' operating revenue has remained relatively stable over the last ten fiscal years. During this time period, property tax as a percentage of governmental operating revenues has averaged 31.4%, with a high of 33.9% in FY 2009-10 and a low of 27.4% in FY 2018-19. The flat trend in the graph reflects the City's policy of keeping the property tax levy consistent over the last several fiscal years.

Sales tax remains the key revenue source for most of the City's core operations. During the past five fiscal years, sales tax revenue as a percentage of governmental operating revenue, has averaged 38.8%, with a high of 40.0% in FY 2017-18 and a low of 37.9% in FY 2018-19. Sales taxes are often paid by non-residents and increase during healthy economic periods which makes them a desirable source of revenue. In contrast, having a significant portion of operating revenue reliant on consumer purchases makes the City more susceptible to economic fluctuations. Property taxes are traditionally less dependent on the economy so they provide a relatively stable revenue stream.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

State of Illinois Shared Revenue



Indicator Description

The above chart depicts revenue sources that the City does not collect locally. Rather, these revenues are administered by the State of Illinois and shared with local governments. The State Income Tax and State portion of the Sales Tax are the most significant intergovernmental revenues that the City receives.

Trend Analysis

Income tax distributions are based on a funding formula set by the State of Illinois. The amount of revenue is impacted by the city's population as well as overall economic health and income levels. On July 1, 2017, the State of Illinois instituted a 10% reduction in income tax allotments, which negatively impacted the City's revenue stream in FY 2017-18. The State had communicated that the 10% reduction would be removed after one year, making municipalities whole with respect to Income Tax disbursements. However, the State implemented a 5% reduction in allotments on July 1, 2018, which impacted City revenues during Fiscal Year 2019-2020.

The City experienced a year after year decline in State sales tax receipts in fiscal years 2008 and 2009. These reductions were primarily the result of recessionary economic conditions. Beginning in fiscal year 2010, the trend was reversed with sales tax revenues on the upswing. The City expects moderate increases in sales tax revenues in the near term.

Use tax is a form of sales tax designed to distribute the tax burden fairly among consumers and ensure fair competition between in-state and out-of-state businesses. Illinois imposes a 6.25% use tax on the privilege of using goods within its borders as a complement to sales tax. The Illinois Department of Revenue (IDOR) requires taxpayers to voluntarily report and pay use tax. Illinois has been aggressively focusing on collecting use tax by implementing various laws. These include:

City of St. Charles
Trend Analysis
FY 2020-2021 Budget

October 1, 2018 – the Marketplace Fairness Act became effective in the State of Illinois requiring remote retailers, who make 200 or more annual transactions or \$100,00 or more in annual gross receipts, to collect and remit Use Tax on purchases made for use and consumption in Illinois.

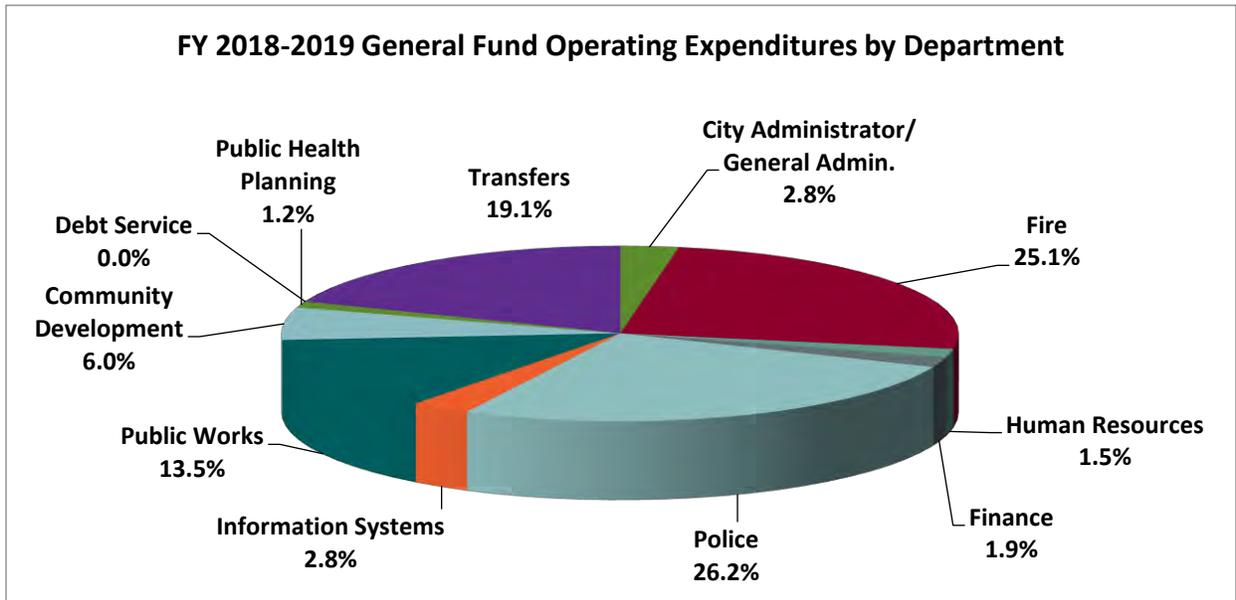
November 14, 2019 – the Leveling the Playing Field for Illinois Act was passed, requiring both Remote Retailers (retailer which does not have physical presence in IL) and Marketplace Facilitators (companies that provide platform for 3rd party sellers. Example: Amazon or eBay) to collect and remit the state and local Retailer’s Occupation Tax (ROT aka Sales Tax) based on the product delivery destination.

January 1, 2020 – Remote Retailers and Marketplace Facilitators will be required to collect and remit Use Tax to the IDOR for all Illinois sales that meet the threshold of 200 annual transactions or \$100,000 annual gross receipts.

January 1, 2021 - Remote Retailers and Marketplace Facilitators, that meet the threshold, will be required to collect and remit the state and applicable local ROT (sales tax) rather than the Use Tax.

Motor Fuel Tax (MFT) disbursements are based on a per capita formula determined by the state. Revenue from this tax is restricted to funding maintenance and construction of City streets and rights-of-way. Effective July 1, 2019, the State increased the motor fuel tax from \$0.19 per gallon to \$0.38 per gallon of gasoline and from \$0.215 per gallon to \$0.455 per gallon of diesel fuel. This was the first increase in the MFT rates since 1990. This action by the State is having a positive impact on MFT revenues which is budgeted to continue throughout the forecasted period.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



Indicator Description

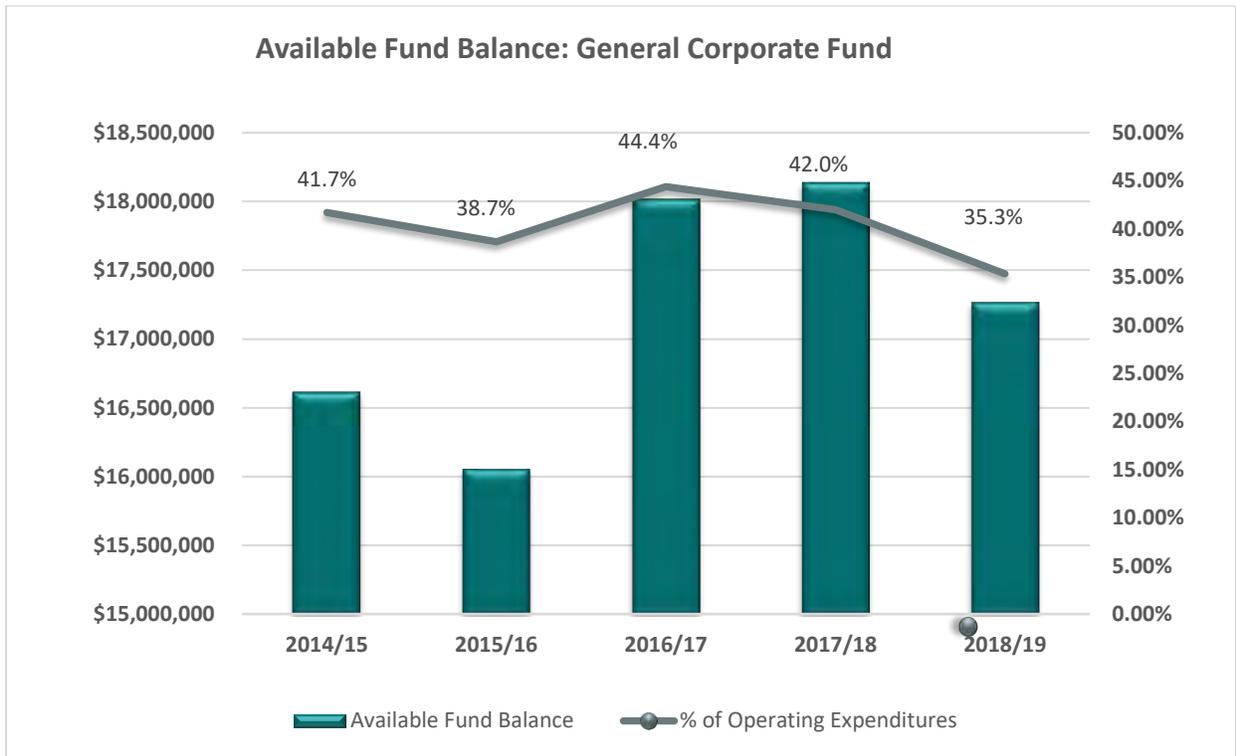
The above chart displays the expenditures of each city department as a percentage of total General Fund expenditures. The chart below details the per resident cost of each city department.

Trend Analysis

In fiscal year 2018-19, approximately \$1,479 was spent per resident in the provision of City services. This reflects an increase of \$159.26 or 12.07% compared to the prior fiscal year. Approximately 66% of the municipality's expenditures are for Public Works and Public Safety (Police and Fire). The per capita cost increase in the fire department was due to the purchase of a radio system that was funded at 90% by a federal grant. During FY 2018-19 the police department added two patrol officers and two school liaison officers (SLO) to the ranks which increased wage and benefit expenditures. The school district is reimbursing the City 75% of the cost of the SLO's. The amount of outgoing transfers was inordinately high in FY 2018-19 due to a \$3.0 million transfer to the Police Building Capital Fund. Public Works reimbursements from other funds grew in FY 2018-19 resulting in a reduction of per capita costs.

Department	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY2018-19	FY Change
City and General Administration	\$ 32.24	\$ 32.11	\$ 31.61	\$ 33.87	\$ 41.08	\$ 7.21
Fire	286.36	286.82	295.73	318.22	\$ 370.44	\$ 52.22
Human Resources	13.83	12.25	14.33	16.48	\$ 22.52	\$ 6.04
Finance	15.27	13.71	15.40	17.03	\$ 28.36	\$ 11.34
Police	324.30	322.24	338.73	368.10	\$ 387.12	\$ 19.02
Information Systems	33.27	33.14	33.10	31.96	\$ 41.90	\$ 9.94
Public Works	217.81	213.34	201.08	226.51	\$ 199.77	\$ (26.74)
Community/Economic Develop	84.93	70.14	80.59	79.16	\$ 88.40	\$ 9.24
Public Health Planning	15.65	15.14	15.69	16.92	\$ 17.07	\$ 0.15
Debt Service	0.14	0.14	0.14	0.14	\$ 0.14	\$ (0.00)
Transfers	173.34	241.61	186.27	210.94	\$ 281.78	\$ 70.84
Total	\$ 1,197.13	\$ 1,240.65	\$ 1,212.67	\$ 1,319.33	\$ 1,478.58	\$ 159.26

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



Indicator Description

The size of the City's General Fund available fund balance affects its ability to withstand financial emergencies. In addition, available fund balance can be utilized to accumulate funds for capital purchases, thereby eliminating the need to issue debt. Additionally, strong reserve levels help to lower interest costs when the City does issue debt. The City's policy is to maintain a minimum available General Fund balance of 25% of operating expenditures.

Trend Analysis

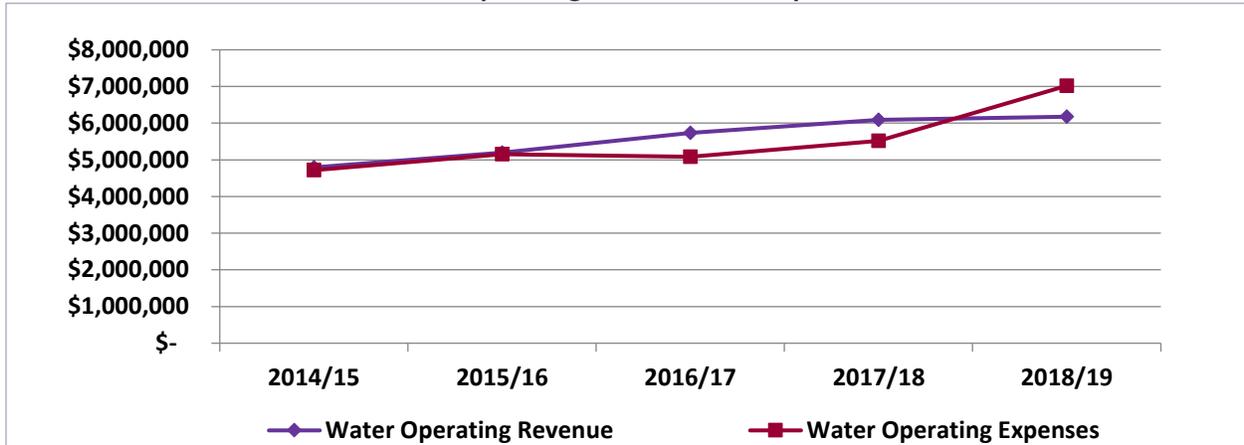
The City has consistently maintained well above the required 25% available General Fund balance of operating expenditures since instituting this threshold in 2004. The available fund balance decreased in FY 2015-16 and FY 2018-19. These declines were due to the City transferring \$2.0 million and \$3.0 million from the General Fund to the Capital Projects Fund and Police Building Capital Fund to finance capital improvements.

St. Charles remains in a relatively strong economic position to handle unexpected expenditures or revenue shortfalls, such as the recent reductions to Income Tax Allotments.

The healthy level of available fund balance also reflects the City's policy of living within its means by matching expenditure levels to revenue streams.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

Water Operating Revenues and Expenses



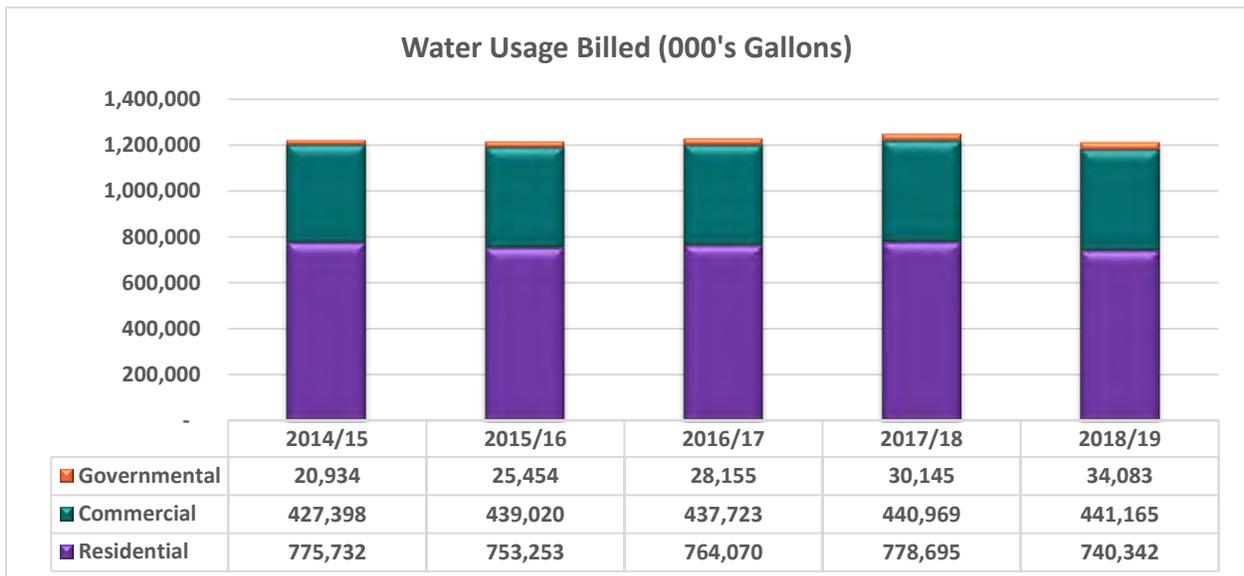
Indicator Description

This chart displays the amount of total revenue (primarily generated by user fees) and expenses (including depreciation) for the water fund. Rates for use of these services are set by determining current operating needs as well as needs for future system maintenance and expansions. In order for an enterprise fund to achieve self-sufficiency, revenues must match current levels of expenses. The City completed a utility rate study in 2011. The study reflected that current revenues were not covering operating and capital expenses. Changes in the rate structure have been enacted in the past several years to enable the fund to be self-sustaining in the long-term. A new rate study is underway to determine if rate structures are adequate, considering today's environment and future capital needs.

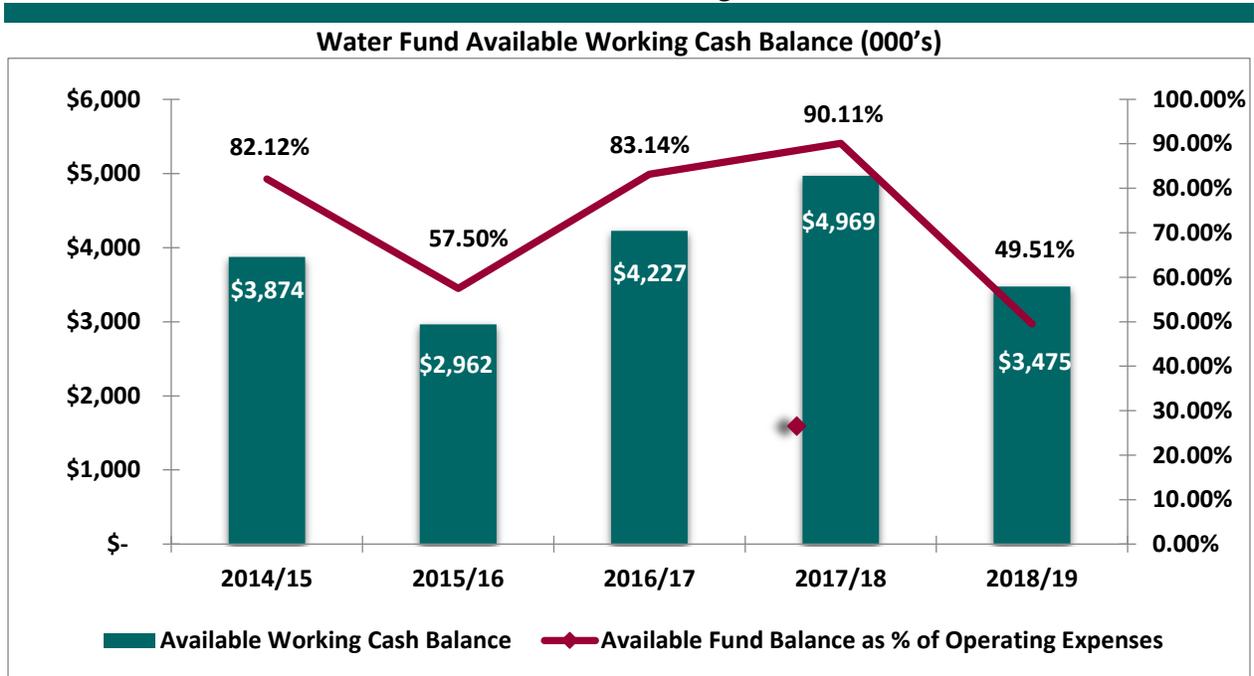
Trend Analysis

Total water usage has averaged 1,227,000 thousand gallons over the period presented, with a high of 1,249,809 thousand gallons in FY 2017-18 and a low of 1,215,590 thousand gallons in FY 2018-19. Revenues have risen over time as a result of water rate increases. Operating expenses increased significantly in FY 2018-2019 which resulted in an operating loss. The Water Fund incurred approximately \$940,000 in costs to paint and repair the Campton Hills water tower and replace water main.

Water Usage Billed (000's Gallons)



City of St. Charles
Trend Analysis
FY 2020-2021 Budget



Indicator Description

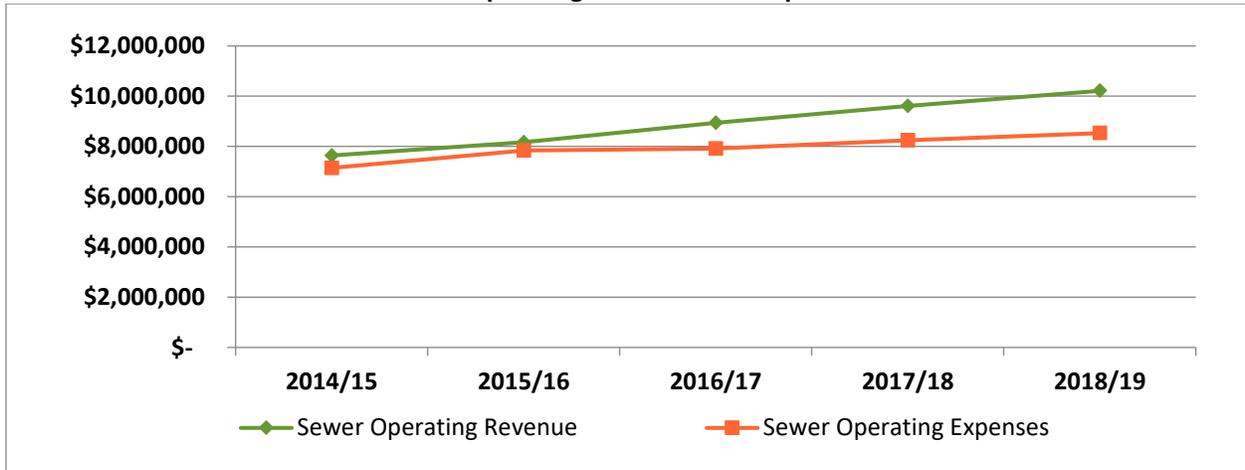
The water utility is a business-type activity of the City, and is intended to recover the cost of providing services to the users of the system. In contrast to general governmental funds, enterprise funds such as the water fund are financed primarily through user charges. The policy goal is to maintain an available working cash balance (current assets-current liabilities) of at least 25% of operating expenses.

Trend Analysis

The Water Fund has been able to maintain a current ratio of available current assets well above the suggested policy level when compared to current liabilities. This practice allows the City to contend with mandates from the federal and state governments. The maintenance of water infrastructure is a priority, so that these costs are not a burden to future system users. Future changes to the Water utility rate structure are probable in order to create a more financially stable and self-sustaining fund.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

Sewer Operating Revenues and Expenses



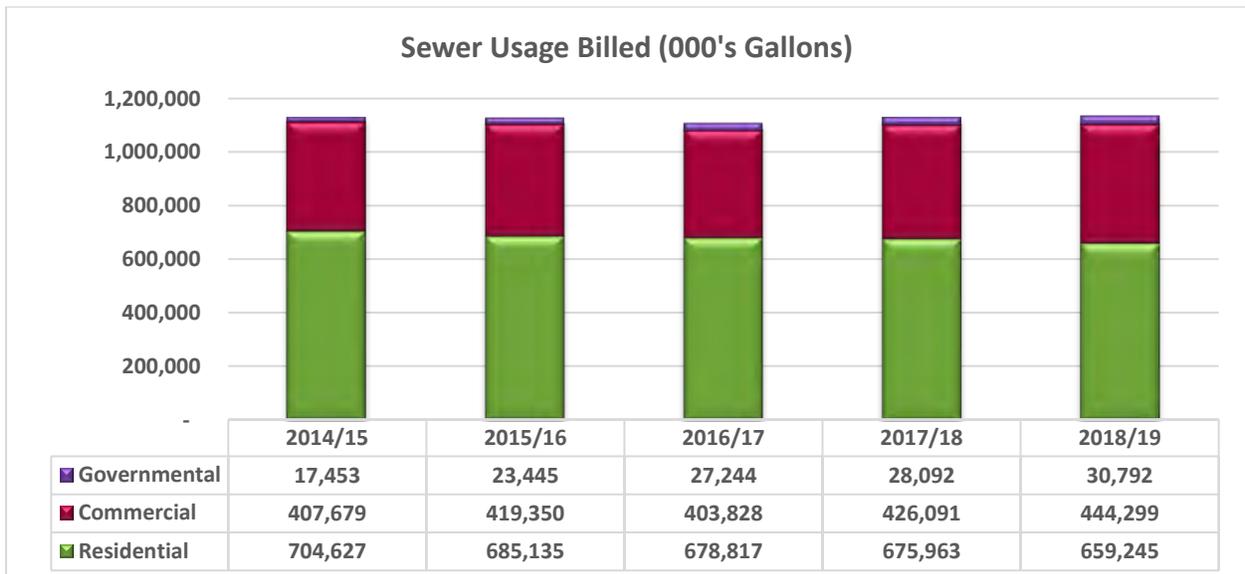
Indicator Description

This chart displays the amount of total revenue (mainly user fees) and expenses (including depreciation) for the sewer fund. In order for an enterprise fund to achieve self-sufficiency, the utility rate charged must generate the revenues needed to finance all operating and capital expenses incurred to provide this service. The City completed a utility rate study in 2011. The study reflected that current revenues were not covering operating and capital expenses and recommended changes to the rate structure. Accordingly, rate adjustments have been enacted over the past several years to enable the fund to be self-sustaining in the long-term. A new study is underway to determine if the existing rate structure is adequate considering today's operating environment and the sewer system's capital needs.

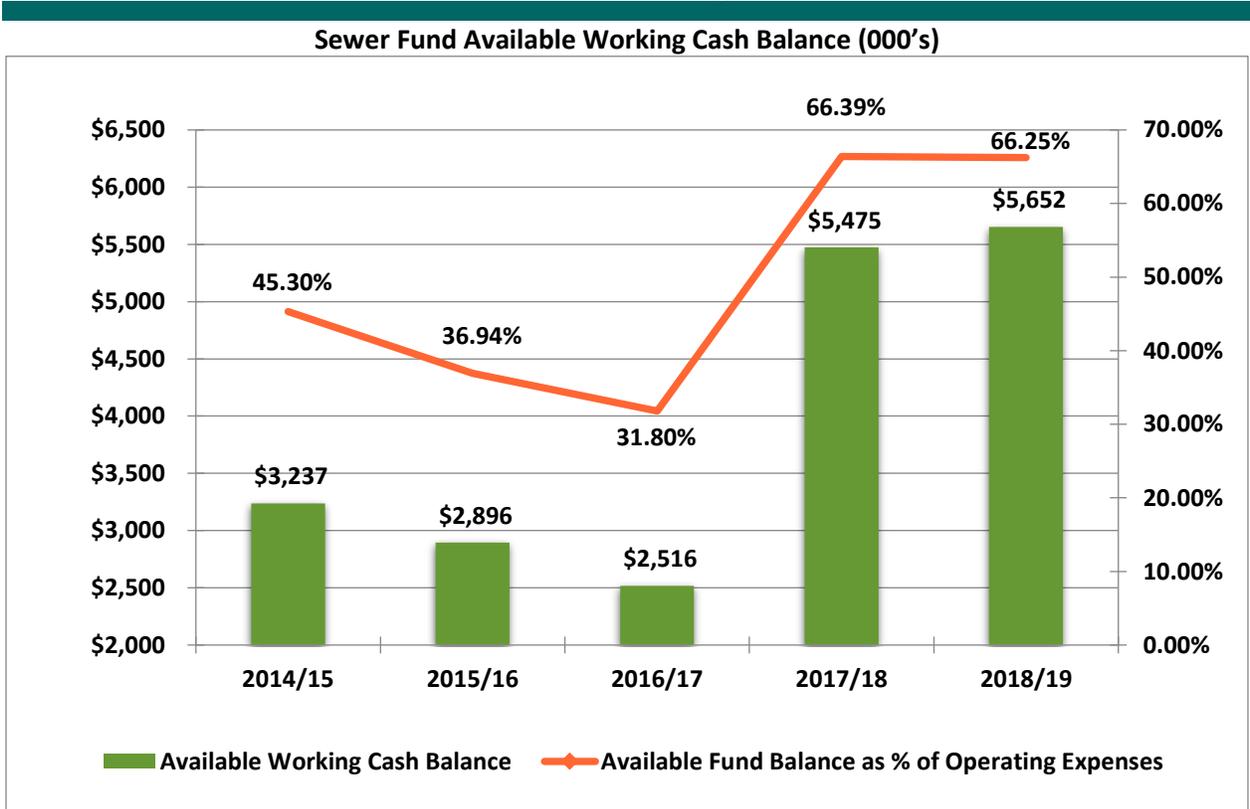
Trend Analysis

Sewer usage has remained fairly stable over the period represented. Sewer usage is based on water usage but is less volatile during the summer months because of the sewer rate cap applied to residential bills in the months of June, July and August. The steady rise in revenues is due to increases in sewer rates and additions to the number of meter connections. Expenses have grown an average of 4.1% per year during this five-year period but remain in-step with revenues.

Sewer Usage Billed (000's Gallons)



City of St. Charles
Trend Analysis
FY 2020-2021 Budget



Indicator Description

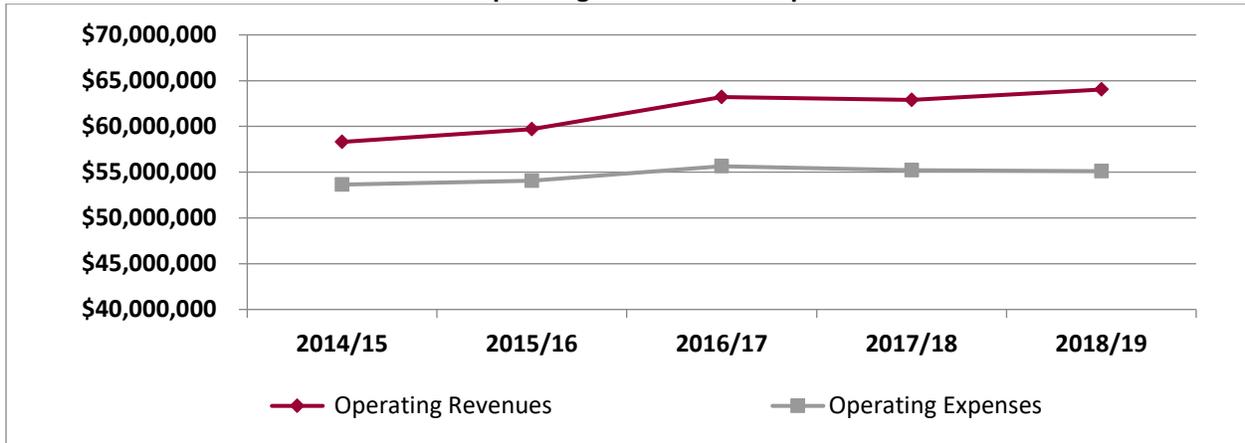
The sewer utility is a business-type activity of the City, and is intended to recover the cost of providing services to the users of the system. In contrast to general governmental funds, enterprise funds, such as the sewer fund, are financed primarily through user charges. The policy goal is to maintain an available working cash balance (current assets-current liabilities) of at least 25% of operating expenses.

Trend Analysis

The Sewer Fund has been able to maintain a current ratio of available current assets above the suggested policy level when compared to current liabilities. Such a practice allows the City to manage mandates from the federal and state governments. The maintenance of the sewer infrastructure is a priority, so that these costs are not a burden to future system users. Future changes to the Sewer utility rate structure may be required to create a more financially stable and self-sustaining fund.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

Electric Operating Revenues and Expenses



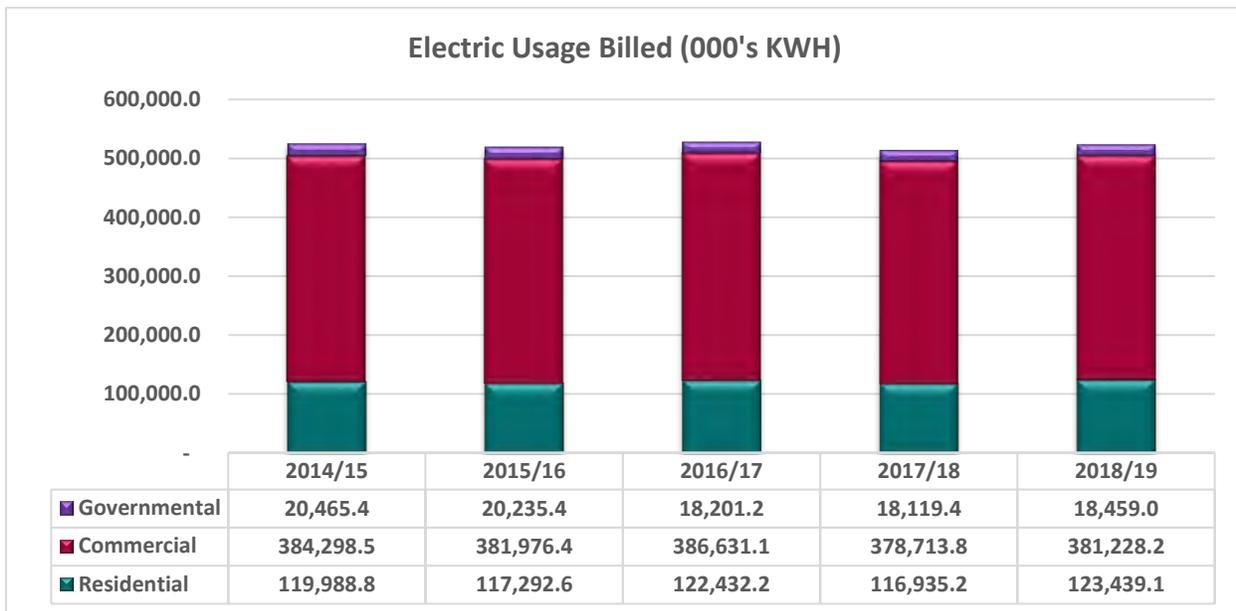
Indicator Description

This graph is an illustration of the operating revenues and expenses (including depreciation and less debt payments) for the electric enterprise fund for the last five years. The City’s financial policy requires that the Electric Fund be self-sustaining.

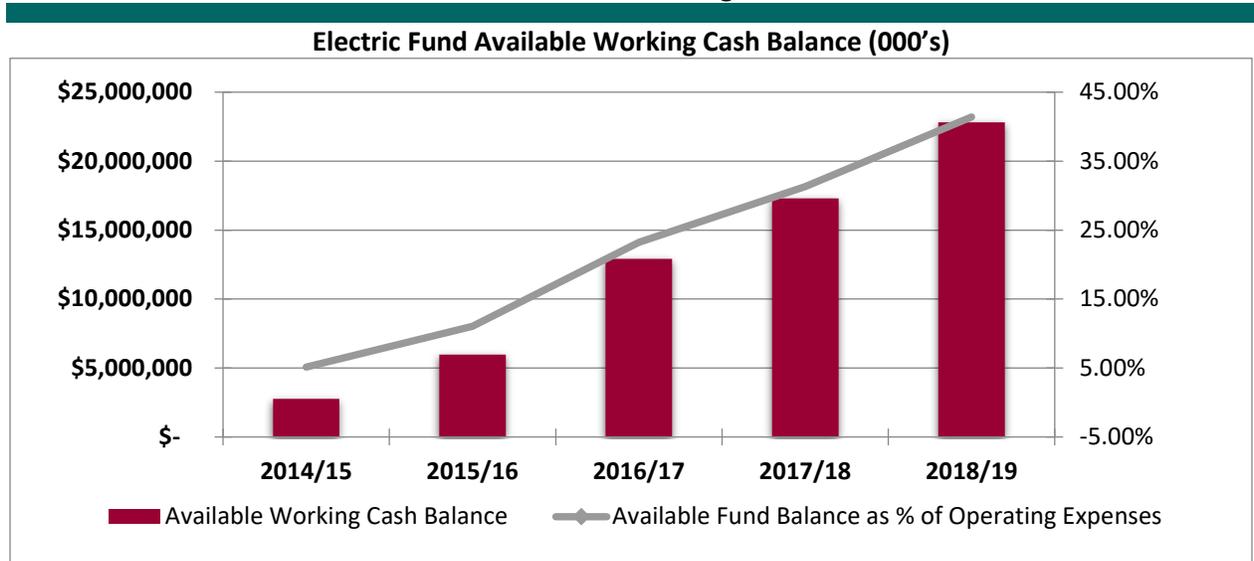
Trend Analysis

Prior to FY 2007/08, revenues (from user fees) collected exceeded the expenses incurred to maintain service and accommodate expansion. Beginning in FY 2007/08 and continuing into 2010/2011, expenses increased at a higher rate due to the costs of wholesale power purchases. Changes enacted in response to the rate study have reversed this trend.

Electric Usage Billed (000's KWH)



**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



Indicator Description

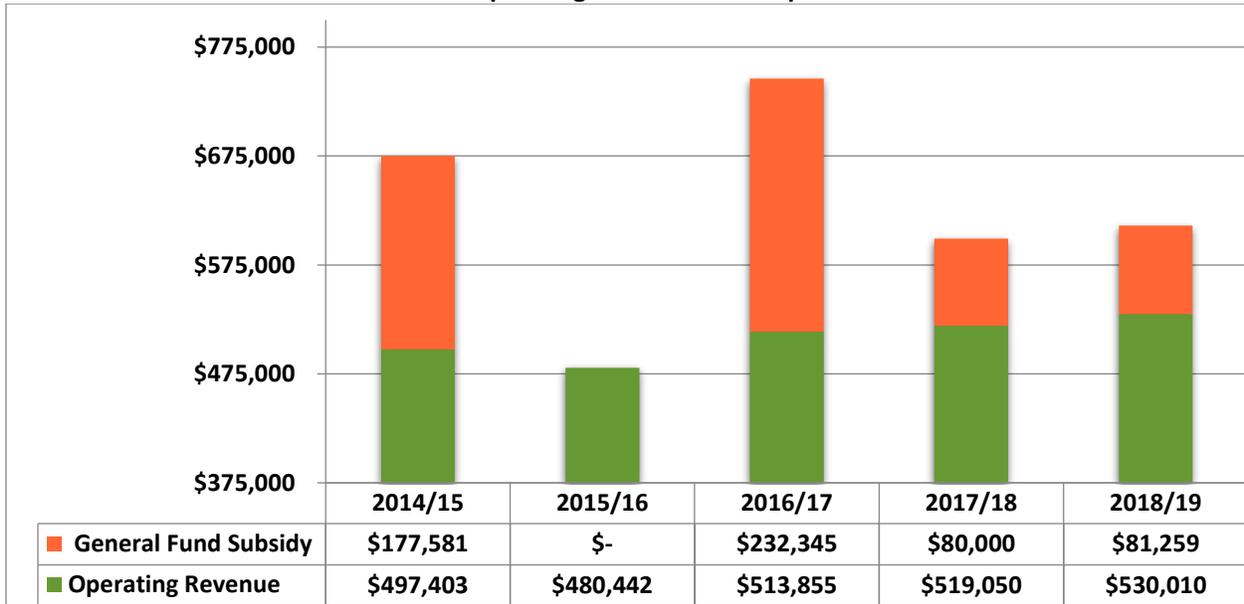
Cities often engage in business-type activities, where the intent is to recover the cost of providing goods or services to customers. The City's policy goal with respect to its business-type activities is to maintain an available working cash balance of at least 25% of operating expenses.

Trend Analysis

In FY 2017-18, the Electric Fund achieved a current ratio of available current assets to current liabilities in excess of 25%. The maintenance of the Electric infrastructure is a priority, so that these costs are not a burden to future system users. Over the long term, the City's projected rate structure plan provides adequate recovery of the utility's costs in keeping with the "business focus" of an enterprise utility fund. Future changes to the Electric utility rate structure may be required to create a more financially stable and self-sustaining fund.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**

Refuse Operating Revenues and Expenses



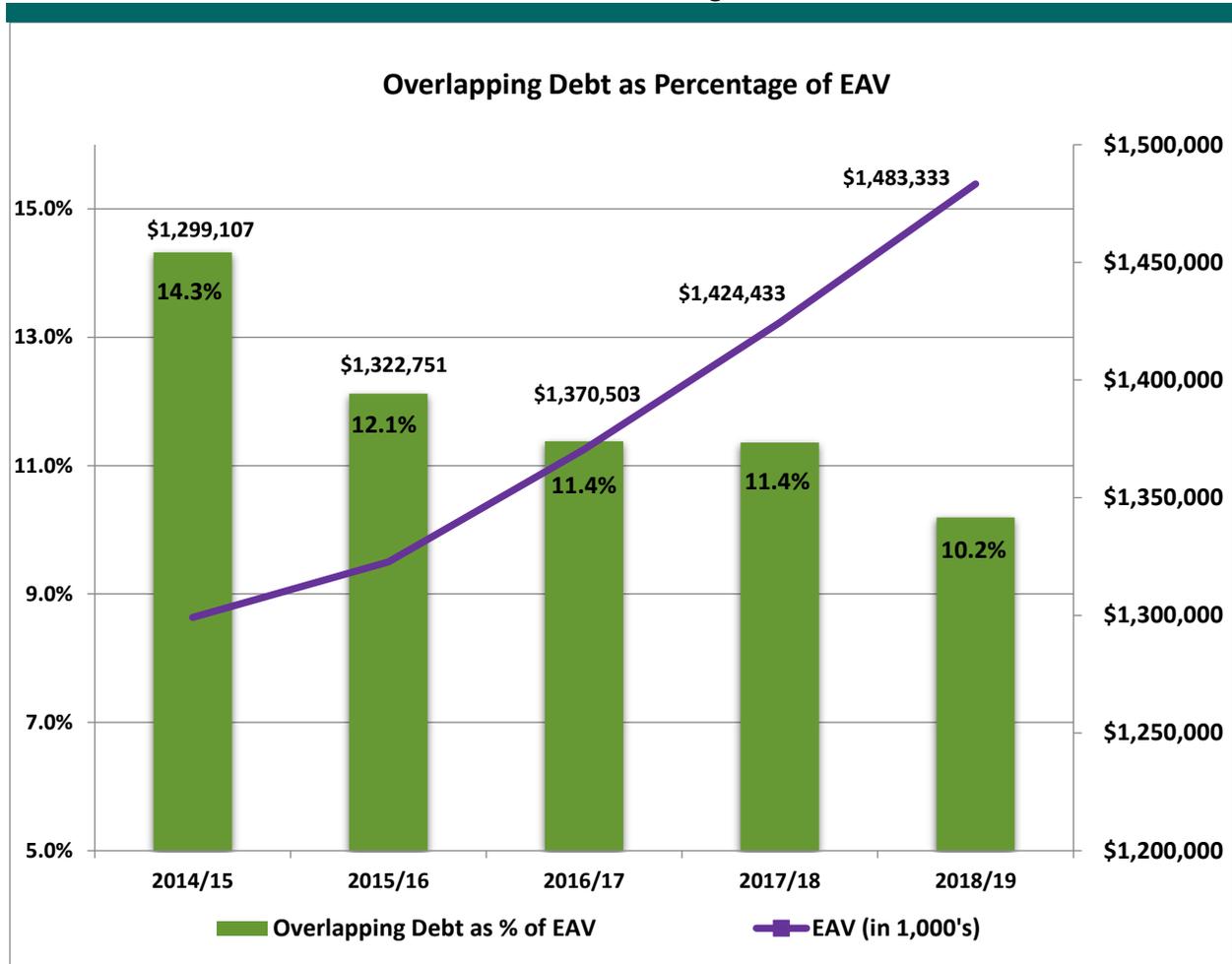
Indicator Description

The Refuse Fund is the fourth enterprise, or business-type activity of the City. As such, it should be self-sustaining and supported by revenues from rates charged to users. However, a policy decision was made which allows for a subsidy from the General Fund to support refuse collection.

Trend Analysis

Refuse collection and disposal services are provided to residents living within the City limits. Currently, residents have two payment options with respect to refuse service. They can pay a monthly rental fee based on the size refuse cart they utilize or may purchase refuse stickers or bags. Though revenues have grown, the fees collected are not enough to support services. Therefore, these services are supported by transfers from the General Fund. The Spring Clean-up Program was reinstated on a biennial basis which increased the General Fund subsidy in FY 14-15 and FY 16-17. The FY 20-21 budgeted General Fund transfer is \$160,000 to accommodate the costs of the Spring Clean-up Program.

City of St. Charles
Trend Analysis
FY 2020-2021 Budget



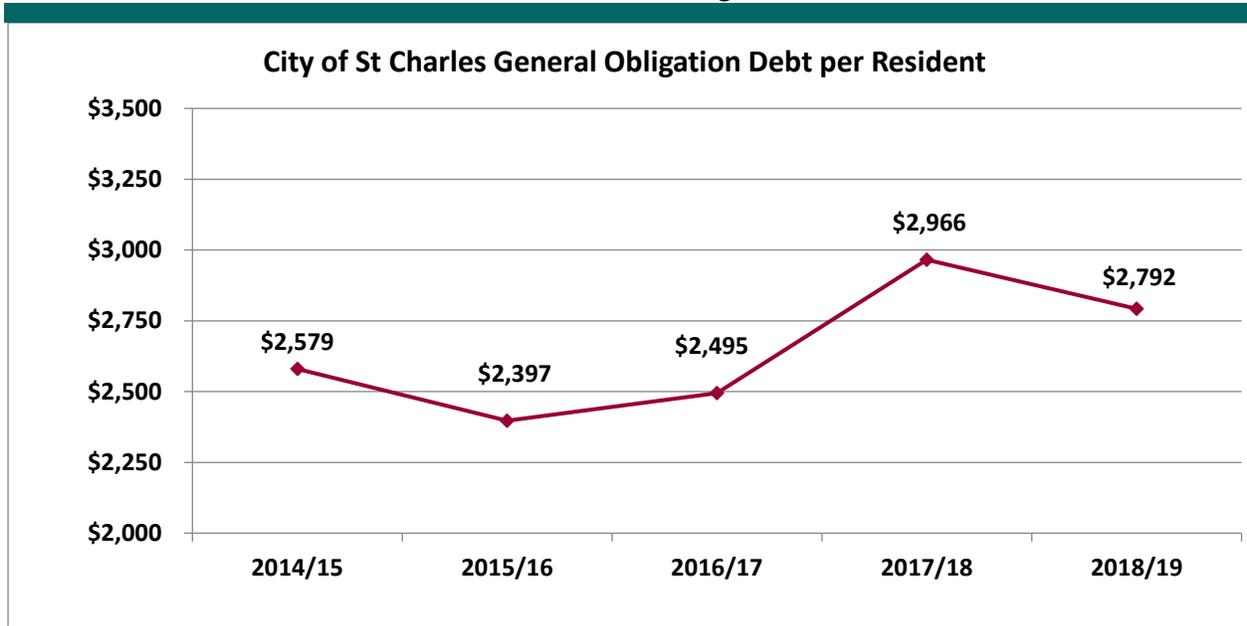
Indicator Description

Overlapping debt consists of the City's direct bonded debt and the debt of other governmental units that are within or overlap the City's boundaries (school districts, the park district, and the library district).

Trend Analysis

Growth in the area and replacement of aging infrastructure have resulted in the City issuing debt to finance capital improvements. Both the City and the school district have issued debt over the last five years. Debt issuance combined with lower property values due to economic conditions calculates into higher overlapping debt as a percentage of EAV. Over the past couple of years, property values have been increasing and that has reduced this ratio.

City of St. Charles
Trend Analysis
FY 2020-2021 Budget



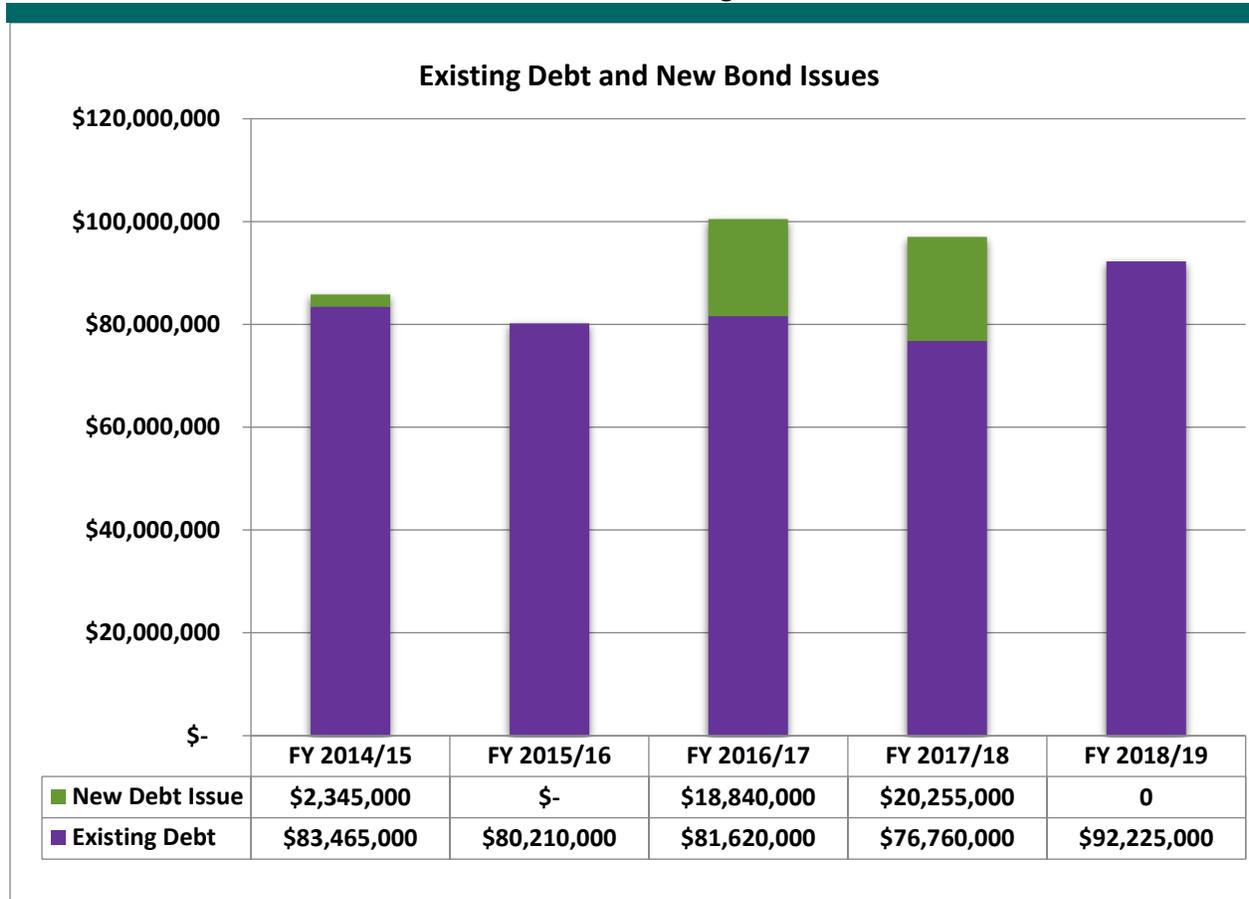
Indicator Description

This illustration of long-term debt does not include the overlapping jurisdictions or the low interest loans utilized to fund water and wastewater capital projects.

Trend Analysis

Debt per capita has been increasing because the City incurred additional amounts of debt for large scale capital projects, economic development, and land acquisition. In contrast to many other units of local government, the City does not levy property taxes to finance its debt but pays for principal and interest from the general revenue stream. The FY 16-17 and FY 17-18 debt per resident has risen due to bond issuances, primarily to finance the City's construction of the new police station. However, the FY 18-19 per capita debt fell because no new general obligation debt was issued and payments of principal on existing debt were made.

**City of St. Charles
Trend Analysis
FY 2020-2021 Budget**



Indicator Description

The above chart represents existing balances of General Obligation bond issuances, and subsequently, any additional debt issued, per year for the last five years. The amount of bond issues varies drastically by number and types of projects being financed.

Trend Analysis

Following is a list of projects corresponding to new bond issues in the five-year period presented:

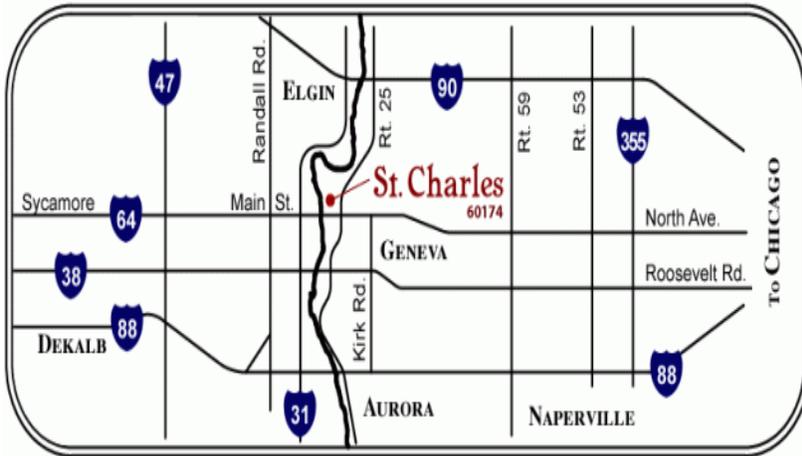
- 2014/15: City Hall Parking Lot Improvements, Tyler Rd (Il 64 to Kirk Rd) Improvements, Electrical System Improvements
- 2016/17: S. Tyler Rd Reconstruction, Illinois Bridge Repair, Police Building Design, Electrical System Improvements, N. Tyler Rd Watermain; Refunding Bonds
- 2017/18: New Police Station, 7th Avenue Creek Property acquisitions, Water and Wastewater SCADA replacement and Electrical System Improvements.

While not included in the chart above, it should be noted that on June 25, 2019 (FY2020), the City issued \$13,960,000 of GO Bonds, Series 2019, for the purpose of paying the costs related to certain capital improvements in and for the City.

**City of St. Charles
Community Profile
FY 2020-2021 Budget**

St. Charles - The Early Years

The initial settlers of St. Charles arrived in 1833 and built the first log cabin in 1834. They were attracted to the area because of the Fox River, which was a source of waterpower. The first industries in town were lumber mills, gristmills, and carding mills, all powered by water wheels near the dam.

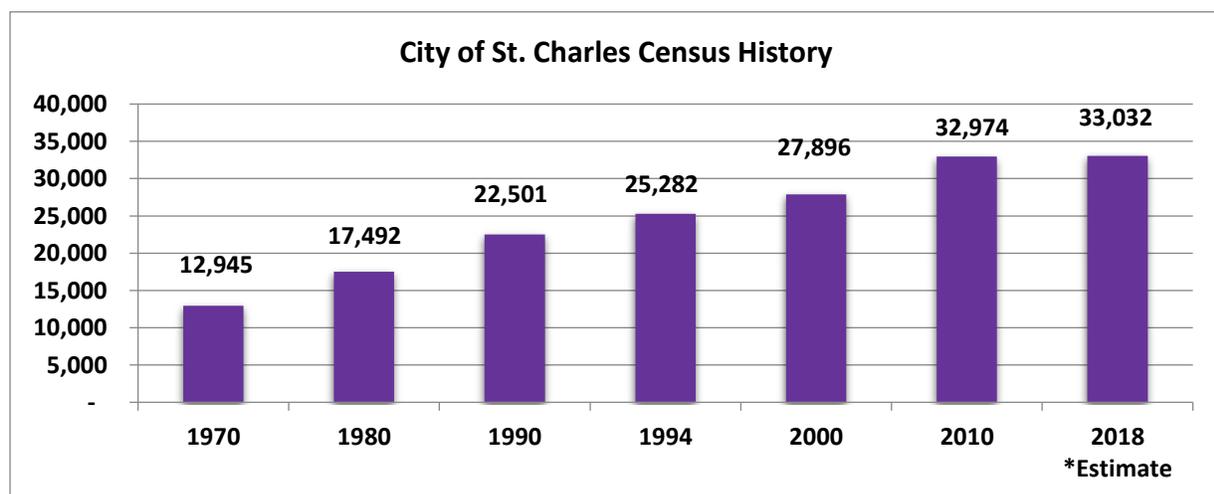


City of St Charles is 35 miles west of downtown Chicago. Located in both Kane & DuPage County

The first mayor of St. Charles, James K. Lewis, was elected in 1875. At that time there were 3 wards with 6 aldermen. The current structure of 5 wards and 10 aldermen was created by ordinance in May 1996. Our current Mayor, Raymond Rogina, was elected and sworn into office May 1, 2013. He was sworn into his second term on May 1, 2017. Previously, he had served on the St. Charles City Council as Alderman of Ward Three for two years. The elected officials and appointed officials are listed in the front of the budget summary section of this document.

Population

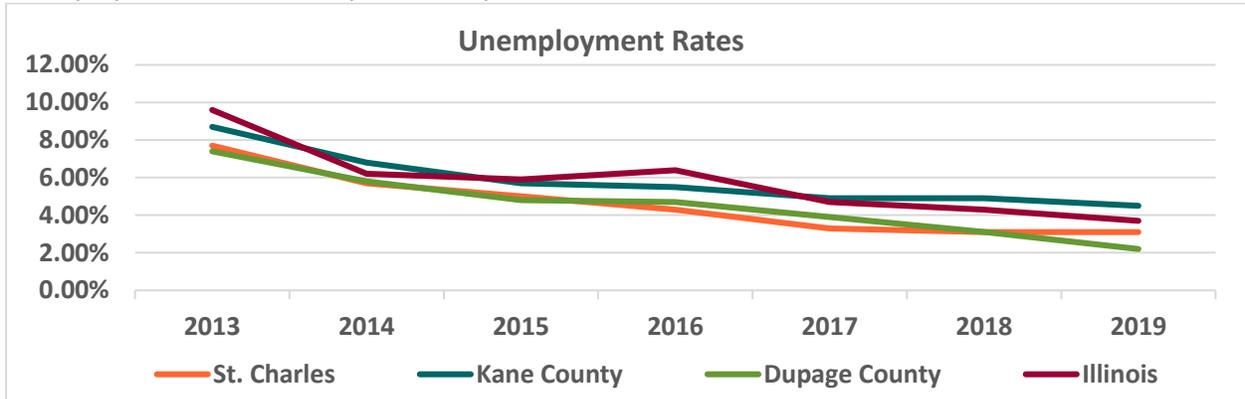
The City's population has a significant financial consequence. This is because State shared revenues, such as motor fuel taxes and Illinois income taxes, are distributed on a per capita basis. The count used for these purposes must be an official census certified by the Bureau of Census. The 2000 census results put the City at a population of 27,896. The 2010 census resulted in a growth of St. Charles' population to 32,974. The U.S. Bureau of the Census estimated the City's population to be 33,032 as of July 1, 2018.



Unemployment Rates

**City of St. Charles
Community Profile
FY 2020-2021 Budget**

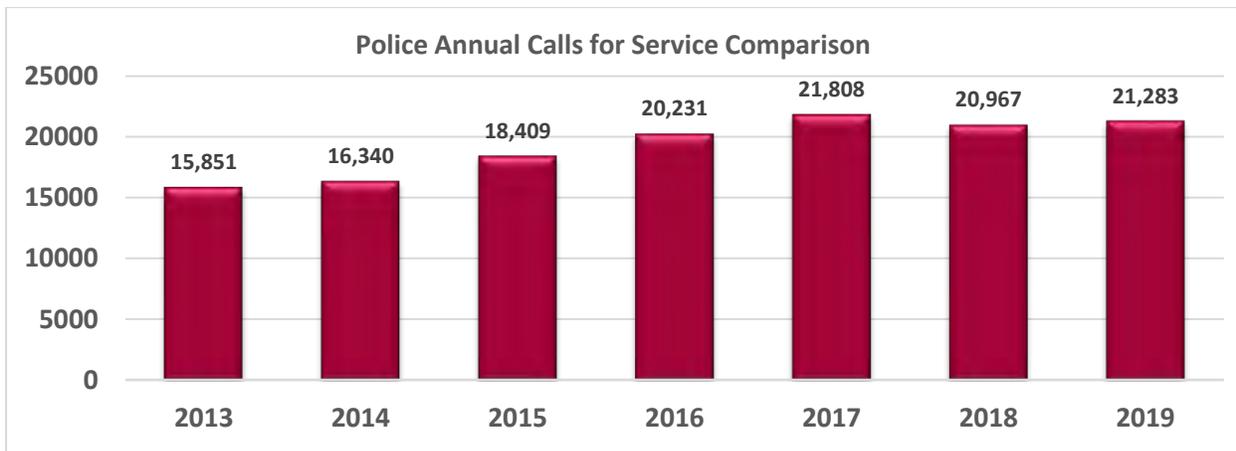
The latest unemployment rate (December 2019) for the City was 3.1%, which compares favorably to 4.5% for Kane County and to 3.7% for the State of Illinois, but is higher than the 2.2% for DuPage County. The City’s unemployment rate has historically been below Kane County and State levels and trended similar to DuPage County. The following chart displays the month of December’s unemployment rates for the past seven years.



Police Protection:

The St. Charles Police Department is comprised of dedicated officers and civilian personnel whose mission is to protect and serve the community with respect and a commitment to excellence. The number of sworn officers by rank are listed below as well as a comparison of calls for service over the past seven years.

Rank	Count
Police Chief	1
Police Deputy Chiefs	2
Section Commanders	3
Sergeants	6
Detectives	8
School Liaison Officers	4
Patrol Officers	33
Total Sworn Officers	57



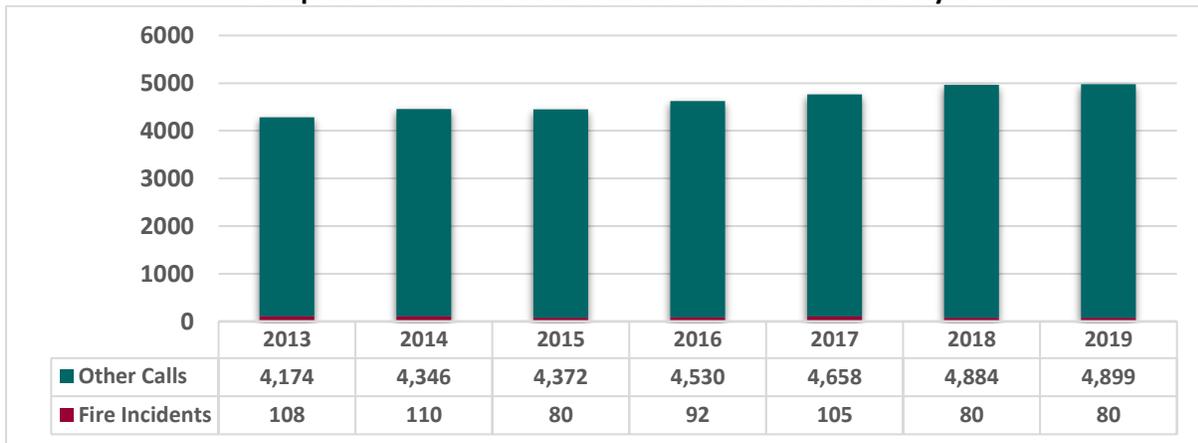
**City of St. Charles
Community Profile
FY 2020-2021 Budget**

Fire Protection

The St. Charles Fire Department is an accredited ISO Class 1 Fire Department. The department provides fire suppression, emergency medical services, hazardous materials response, technical rescue response, water rescue and recovery response as well as comprehensive fire prevention and public education programs. The Fire Department operates out of three fire stations. The number of sworn officers by rank are listed below.

Rank	Count
Fire Chief	1
Fire Assistant Chiefs	2
Battalion Chiefs	3
Captains	3
Lieutenants	11
Firefighters	27
Total Sworn Officers	47

Comparison of Fire Incidents and Total Calls for Service by Year



In 2019, there were 80 fires of all types and the Fire Department responded to 4,979 total calls. While the St. Charles Fire Department handles a wide spectrum of incident types, the largest numbers of alarms were emergency medical related with 3,237 calls.

Public Services Division

The St. Charles Public Services Division oversees a number of important functional areas including streets, facilities, storm sewers, fleet service, urban forestry and inventory control. The work performed by the streets department is highly visible and effects all commuters. Street operations encompass snow removal, street sweeping, street striping and signage, as well as concrete curb and sidewalk improvements. The number of miles maintained (center line miles) by Public Services is shown below.

Type	Miles
Residential	132.8
Industrial	11.2
County	5.7
State	18.2
Total Miles	167.9

**City of St. Charles
Community Profile
FY 2020-2021 Budget**

Environmental Services Division

The Environmental Services Division maintains, operates and administers the public water supply, wastewater treatment, sanitary sewer, and the collection and disposal of solid waste (including recycling).

The City’s Water Division is accountable for providing safe water to the 35,000 customers. Operations include maintaining seven water supply wells, six storage reservoirs, 233 miles of water main, over 3,000 valves, and 2,800 fire hydrants as well as 12,337 domestic service connections and meters. Presently, water usage averages about 4.5 million gallons per day.

The City’s Wastewater Treatment Division is responsible for ensuring that all wastewater produced by City residents is properly treated and disinfected prior to its return to the environment. This division operates and maintains fourteen intermediate pumping stations, two wastewater treatment facilities and 16 lift stations. The treatment facilities are capable of treating up to 9.7 million gallons of wastewater daily.

Water	Volume
Storage Capacity	6,700,000
Maximum Day Consumption	6,425,000
Wastewater	Volume
Gallons of wastewater – daily flow	6,530,538
Treated at Main Plant	2,128,738,000
Treated at West Plant	255,268,413

Electric Utility

This Electric Utility serves nearly 16,000 customers and at peak production generates 130 megawatts. The electric engineering group is responsible for system design, system mapping, maintenance programs and adherence to codes and standards. The electric line area constructs and maintains the electric infrastructure and the metering group installs and maintains metering equipment. The City has a long-term power purchase agreement with the Illinois Municipal Electric Agency (IMEA) that is in force until 2035.

Operations	
Number of Substations	9
Average monthly kWh billed	43,662,983
Total kWh billed in FY 2018/2019	523,955,799
Miles of Electrical Conduit	286

Transportation

The City of St. Charles is located in Kane and DuPage Counties on the Fox River, approximately 34 miles directly west of the City of Chicago. The City has convenient access to all points throughout the Chicago metropolitan area utilizing various methods of transportation.

**City of St. Charles
Community Profile
FY 2020-2021 Budget**

Modes of Transportation	Distance
East-West Tollway (I-88)	9 miles south
Northwest Tollway (I-90)	15 miles north
O'Hare International Airport	20 miles northeast
Midway Airport	35 miles southeast
DuPage Airport	Eastern boarder
Union Pacific Railroad	1.5 miles south

Community & Economic Development

The Community and Economic Development Department oversees all new construction projects throughout the City of St. Charles. Projects range from downtown development activity, industrial construction/additions, single and multi-family residential construction and commercial developments. Below is a summary of new construction activity for the past seven years.

Fiscal Year	New Commercial Construction*		New Business Construction*		New Residential Construction		Total Value
	# of Permits	Value	# of Permits	Value	Dwelling Units	Value	
2012/13	-	---	1	824,000	24	4,716,101	39,246,875
2013/14	-	---	2	2,489,083	35	8,314,796	40,274,648
2014/15	1	1,100,000	3	1,785,000	22	6,120,084	43,652,518
2015/16	2	6,764,178	4	8,880,000	39	8,477,666	70,248,020
2016/17	-	---	4	12,500,000	34	11,801,652	49,608,619
2017/18	-	---	10	35,594,963	251**	37,912,738	133,399,227
2018/19	-	---	3	21,544,363	129**	16,502,004	115,591,433

* Total permits issued include new construction, alterations, additions and repairs.

** Total "New Residential Construction" includes 25, 10 units apartment buildings within the Prairie Winds project.

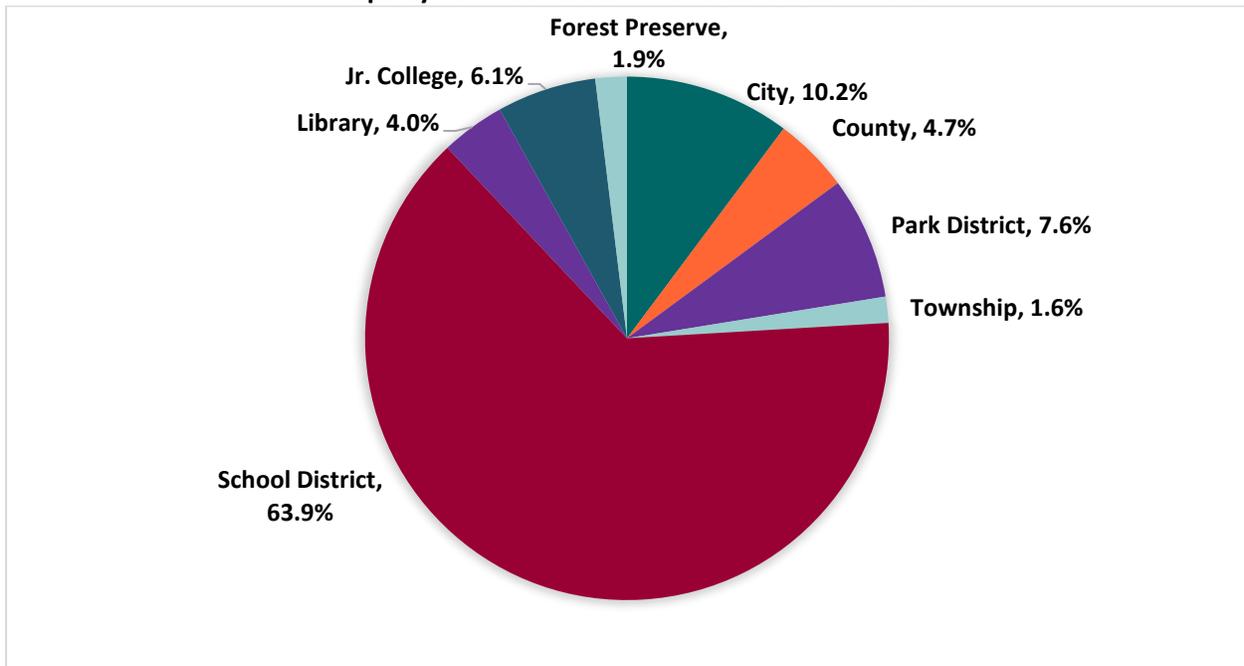
Property Tax Rate

The City's 2018 levy year property tax rate and those levied by other units of government expressed as a dollar for each \$100 of equalized assessed value is presented below.

Government Unit	Amount
City of St. Charles	\$0.8452
Kane County	0.3877
Forest Preserve	0.1607
Township	0.1337
Cemetery	0.0158
Park District	0.6254
Library	0.3273
School District #303	5.2912
Junior College #509	0.5075
Total Tax Rate	\$8.2945

**City of St. Charles
Community Profile
FY 2020-2021 Budget**

Property Tax Distribution - 2018 Collected in 2019



A common misconception about property tax is that all of the money a property tax owner pays is remitted to the City. As indicated by the graphic above, the City of St. Charles received 10.2 percent of every dollar of property tax levied in 2018. The remaining portion of each dollar, 89.80 cents, was allocated to other taxing districts. This important revenue source pays the City’s employer contributions to the Police pension and Fire pension funds as well as supports public safety and public works services.

The top ten taxpayers of the City in terms of equalized assessed value are detailed in the table below.

Tax Payer	2018 EAV
LEGIA St. Charles Assoc. LLC	\$20,950,229
Q Center LLC	17,010,465
AMVF at St. Charles	7,468,949
FLT Park Shore LLC	7,072,974
Axiom St. Charles LLC	6,896,055
IAVF Windy City Fox Run LLC	6,785,739
St. Charles Country Club	6,521,271
Prairie Winds LLC	6,263,651
Main St. Commons LLC	5,630,736
St. Charles IL Senior Property LLC	5,364,906
Costco Wholesale Corp	5,295,726

**City of St. Charles
Community Profile
FY 2020-2021 Budget**

Sales Tax Rate

The City of St. Charles became a Home Rule community in 1995 due to a special census count conducted in 1994, which resulted in a population of 25,282. As a result of this Home Rule status, the City is able to impose a home rule sales tax. The total sales tax rate in St. Charles is 8.0% and is comprised of four different components as follows:

Sales Tax Components	Rate
State of Illinois	5.00%
City of St. Charles (Municipal & Home Rule)	2.00%
County	0.25%
RTA	0.75%
Total	8.00%

The City's website is www.stcharlesil.gov. The City endeavors to provide a variety of useful information to the internet user. This information is monitored and updated regularly. Financial documents accessible on the City's website include the Comprehensive Annual Financial Report(s), Auditor's Management Letter, Popular Annual Financial Report and Fiscal Year Approved Budget(s). In addition, agendas for all City related meetings are posted weekly. Other information on the web includes active job openings, City newsletters, a listing of aldermen with a ward map, council committees, the City mission statement, a brief descriptions of each service area, construction information and a complete listing of E-mail addresses for contacting City employees.

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City of St. Charles
Fund Reports
FY 2020-2021 Budget

The accounts of the City are organized on the basis of funds and account groups, each of which is considered a separate accounting entity. The operations of each fund are accounted for with a separate set of self-balancing accounts that comprise its assets, liabilities, fund equity, revenues and expenditures or expenses, as appropriate. Government resources are allocated to and accounted for in individual funds based upon the purposes for which they are to be spent and the means by which spending activities are controlled. For financial reporting purposes, the various funds are further grouped into three broad fund categories and seven generic fund types. A description of the City's funds and fund structure is provided prior to the various fund reports.

The Summary of Revenue and Expenditures (Expenses) Report is presented by individual fund. The previous year's actual results, current year's forecasted results, the proposed budget, and a three-year projection are provided for each fund. These reports present revenues and expenditures (expenses) by major revenue source and expenditure/expense groups.

The Revenues, Expenditures & Fund Balance Summary Report provides the reader with a perspective of each fund's projected financial position at the beginning of the budget year, the level of activity during the period, and what resources will be available at the end of the year. The City's policy is to try to maintain an available fund balance of at least 25% of operating expenditures for the corporate fund. It is important to maintain this level of reserves in order to provide for unforeseen events. It also provides a "cushion" for transition through cyclical changes. Additionally, a strong reserve level helps to lower interest costs when the City issues debt.

The Revenues, Expenditures & Cash Balance Summary Report provides the reader with a perspective of each fund's projected available cash position at the beginning of the budget year, the level of activity during the period, and the cash position at the end of the year. The City's policy is to attempt to maintain a working cash balance of 25% of operating expenses in each of the enterprise funds. The availability of cash affects the funds ability to withstand financial emergencies. In addition, available cash can be utilized for capital purchases, thereby eliminating the need to issue debt.

City of St. Charles
Description of Funds
FY 2020-2021 Budget

General Description

For accounting purposes, a state or local government is not treated as a single, integral entity. Rather, a government is viewed instead as a collection of smaller, separate entities known as “funds”. The Governmental Accounting Standards Board’s (GASB) Codification of Governmental Accounting and Financial Reporting Standards (Codification), Section 1300, defines a fund as:

A fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities or balances, and changes therein, which are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions or limitations.

All of the funds used by a government must be classified into one of seven “fund types”. In addition, governmental financial reporting for state and local governments classify individual funds as either “Major” or “Nonmajor”. The impact of this distinction is that the financial activity of nonmajor funds is reported in specific instances in the audited financial statements in a consolidated format while major funds are reported separately. The General Corporate Fund, Police Building Capital Fund, Electric Fund, Water Fund and Wastewater Fund are considered “major” funds and the remaining City funds are considered “nonmajor” funds. It is useful to provide an overview of the City’s fund structure since the budget is prepared, organized and presented on a fund basis. The following fund types and each fund budgeted by the City which falls into that fund type classification, are further described.

Governmental Funds

Four fund types are used to account for governmental-type activities. These are the general corporate fund, special revenue funds, debt service funds, and capital project funds.

General Corporate Fund

This fund is used to account for most of the current day to day operations of the City which are financed through property taxes and other governmental revenues. Activities financed by the general corporate fund include police protection, fire protection, highway and street maintenance and improvements, administration and central support.

Special Revenue Funds

Special Revenue Funds are used to account for revenues derived from specific taxes or other earmarked revenue sources which, by law, are designated to finance particular functions or activities of government and which therefore cannot be diverted to other uses. Special Revenue Funds of the City include:

Tax Increment Financing District One Fund: This fund is used to account for revenues and expenditures associated with the revitalization of the Hotel Baker. Financing is provided by incremental property tax, sales tax and hotel tax revenues generated from the project area.

Tax Increment Financing District Two Fund: This fund is used to account for revenues and expenditures associated with the revitalization of the Moline Foundry. Financing is provided by incremental property tax generated from the project area.

City of St. Charles
Description of Funds
FY 2020-2021 Budget

Tax Increment Financing District Three: This fund is used to account for revenues and expenditures associated with the revitalization of the St. Charles Mall. Financing is provided by incremental property tax generated from the project area.

Tax Increment Financing District Four: This fund is used to account for revenues and expenditures associated with the revitalization of a section of First Street. Financing is provided by incremental property tax generated from the project area.

Tax Increment Financing District Five: This fund is used to account for revenues and expenditures associated with the revitalization of a section known as the St. Charles Manufacturing property. Financing is provided by incremental property tax generated from the project area.

Tax Increment Financing District Six: This fund is used to account for revenues and expenditures associated with the revitalization of a section known as the Lexington Club property. Financing is provided by incremental property tax generated from the project area.

Tax Increment Financing District Seven: This fund is used to account for revenues and expenditures associated with the revitalization of a section of the Central Downtown. Financing is provided by incremental property tax generated from the project area.

Motor Fuel Tax Fund: This fund was established to underwrite the cost of major street and bridge improvements. These improvements are subject to approval by the State of Illinois. Revenues for this program are disbursed to municipalities on a per-capita basis based on fuel sales within the State of Illinois.

Debt Service Funds

The Debt Service Funds are used to account for the payment of interest and principal on general and special obligation debts other than those payable from special assessments and debt issued for and serviced by a governmental enterprise. The City currently has thirteen general obligation bond issues outstanding and one sales tax revenue bond issue outstanding.

Capital Project Funds

The Capital Projects Funds account for all resources used for the acquisition and/or construction of capital equipment and facilities by the City except those financed by the Special Assessment, Enterprise and Internal Service Funds.

Capital Projects Fund: This fund was established to account for the various capital equipment purchases and capital project expenditures of the City's General Fund departments, including Police, Fire, Public Services, Information Systems and Finance.

Capital Levy Fund: This fund accounts for the resources used for projects financed by a five-cent property tax levy.

Police Building Capital Project Fund: This fund was established to account for the construction of the new police facility.

City of St. Charles
Description of Funds
FY 2020-2021 Budget

Central Downtown Capital Project Fund: This fund accounts for the City funded public improvements within Tax Increment Financing District Seven which include a parking deck as well as streetscape and river walk renovations.

First Street/East Plaza Capital Projects Fund: This fund was established to account for the design, engineering and construction of the East Plaza expansion into the One West Main Street site formally the Manor Hotel.

Equipment Replacement Fund: This fund is used to account for the resources assigned for replacing various equipment throughout the City including computers and peripherals as well as copiers.

Proprietary Funds

Two fund types are used to account for a government's business-type activities (activities that receive a significant portion of their funding through user charges). These are the enterprise funds and the internal service funds.

Enterprise Funds: The operations of Enterprise Funds are accounted for in such a manner as to show a profit or loss similar to comparable private enterprises. The City has established six enterprise funds.

Electric Fund: This fund accounts for the revenues and expenses related to the provision of electric services to residents and businesses. The operations of the electric fund encompass the acquisition, maintenance, and daily administration of City owned electric power facilities. The fund is self-supported by user charges. There are nine electric substations throughout the City that serve 13,686 residential and 2,276 commercial and industrial customers.

Water Fund: This fund accounts for the revenues and expenses related to the provision of water services to residents and businesses. The operations of the water fund include the acquisition, maintenance, and daily administration of City owned water facilities. The fund is self-supported by user charges and fees. The City operates seven wells which collectively pump an average of 4,100,000 gallons of water per day.

Water Connection Fund: The water connection fund was established to account for the fees collected when the City allows entities to connect with the city water systems.

Wastewater Fund: This fund accounts for the revenues and expenses resulting from the provision of wastewater services to residents and businesses. The operations of the wastewater fund entail the acquisition, maintenance, and daily administration of City owned wastewater facilities. This includes sewerage treatment and sanitary sewers. The average daily flow of wastewater treated approximates 6,530,000 gallons.

Wastewater Connection Fund: The wastewater connection fund was established to account for the fees collected when the City allows entities to connect with the city sewer systems and tributary to the wastewater treatment facilities.

City of St. Charles
Description of Funds
FY 2020-2021 Budget

Refuse Fund: The refuse fund is used to account for the City's waste disposal program. The fund is supported through user charges, refuse bag sales, rental income and operating transfers from the general fund. Various programs are run through the refuse fund including brush pickup and leaf pickup. The operations of this fund also include a biennial Spring Clean-up Program.

Internal Service Funds: Internal Service Funds are used by state and local governments to account for the financing of goods and services provided by one department or agency to other departments or agencies, and to other governments, on a cost-reimbursement basis. The City has established five internal service funds.

Inventory Fund: This fund is used to account for the acquisition and temporary storage of materials and supplies inventory provided to various city funds on a cost reimbursement basis. The City has a centralized inventory of approximately \$4 million which is administered by the Public Services Department.

Vehicle Replacement Fund: This fund is used to account for the maintenance and replacement of all existing motor vehicles and motorized equipment for governmental funds. This fund also includes the fleet management department. The cost of parts and labor provided by fleet personnel are charged back to the respective fund or department utilizing these services.

Health Insurance Fund: The City is self-insured and this fund is used to account for the premium and claim payments associated with the health insurance, dental insurance and life insurance plans provided to City employees. Individual funds and departments are charged based on the employees enrolled in these plans.

Workers Compensation/Liability Fund: This fund accounts for the self-insurance activity related to workers compensation insurance and liability insurance for property, casualty and crime for governmental service funds.

Communications Fund: The Communications Utility operates the City's fiber system and other communications equipment which provide services to all City departments. These services are reimbursed by means of a chargeback to individual departments.

Trust Funds

These funds are classified as Fiduciary Funds and are used when a government holds or manages financial resources in a fiduciary or an agent capacity. The City budgets for two Pension Trust Funds:

Police Pension Fund: This fund provides for retirement and disability payments to St. Charles police officers. Funding is provided by investment income, police member contributions and property taxes. The amount that the City contributes from the corporate property tax levy is determined by an annual independent actuarial study. Employee contribution rates and retirement and disability benefits are set by Illinois state statutes.

Fire Pension Fund: This fund provides for retirement and disability payments to St. Charles firefighters. Funding is provided by investment income, fire member contributions and property taxes. The amount that the City contributes from the corporate property tax levy is determined by an annual independent actuarial study. Employee contribution rates and retirement and disability benefits are set by Illinois state statutes.

City of St. Charles
Summary of Revenue and Expenditures (Expenses)

	Actuals FY 18/19	Forecast FY 19/20	Proposed FY 20/21	*****Projected***** FY 21/22	*****Projected***** FY 22/23	*****Projected***** FY 23/24
General Fund						
Revenues						
Property Tax	12,395,460	12,893,492	13,231,170	13,495,124	13,764,347	14,038,947
Sales & Use Taxes	18,397,083	18,533,034	19,181,237	19,442,018	19,699,000	19,953,920
State Income Tax	3,201,412	3,454,845	3,587,919	3,659,677	3,732,871	3,807,528
Electric Franchise Fee	3,073,470	2,884,119	2,978,561	3,008,347	3,038,430	3,068,814
Hotel Tax	2,312,716	2,367,768	2,101,863	2,303,913	2,342,981	2,404,681
Telecommunication Tax	798,088	751,243	728,000	721,000	715,000	700,000
Alcohol Tax	1,671,462	1,884,693	1,808,169	1,998,170	2,032,124	2,066,117
Local Fuel Tax	241,547	481,333	475,000	475,000	475,000	475,000
Other Revenues	5,169,237	3,822,317	3,347,570	3,360,756	3,379,579	3,348,518
Transfers In	165,000	289,981	660,000	220,000	225,000	-
	47,425,475	47,362,825	48,099,489	48,684,005	49,404,332	49,863,525
Expenditures						
Personnel Services	30,767,822	31,528,557	34,409,366	35,873,931	37,106,137	38,349,922
Materials and Supplies	1,402,747	1,525,990	1,607,220	1,596,869	1,607,454	1,639,718
Contractual Services	9,635,058	9,223,922	10,034,374	10,136,384	9,935,971	10,133,523
Other Operating	1,278,781	1,724,388	1,350,494	2,130,878	2,185,132	2,222,580
Departmental Allocations	(5,157,192)	(5,260,212)	(5,082,588)	(5,184,240)	(5,287,894)	(5,393,697)
Capital	1,601,108	295,012	156,700	123,600	120,200	127,700
Debt Service	4,586	4,586	4,586	4,586	4,586	4,586
Transfers Out	9,307,688	7,360,687	6,782,920	9,252,510	8,555,809	8,199,904
	48,840,598	46,402,930	49,263,072	53,934,518	54,227,395	55,284,236
Electric Fund						
Revenues						
Property Tax	35,000	34,833	35,000	35,000	35,000	35,000
User Charges	63,141,325	59,005,973	63,363,257	64,329,648	65,311,878	66,624,424
Connection Charges	38,140	38,435	30,000	30,000	30,000	30,000
Reimbursement for Projects	719,781	440,933	300,000	300,000	300,000	300,000
Other Revenues	1,086,288	1,237,116	1,051,455	1,062,630	1,072,387	1,082,437
Bond Proceeds	-	1,352,471	3,660,730	2,230,170	3,822,715	3,281,830
Transfers In	250,918	401,664	301,664	301,664	301,664	301,664
*Audit Reclass	(61,664)	-	-	-	-	-
	65,209,788	62,511,425	68,742,106	68,289,112	70,873,644	71,655,355
Expenses						
Personnel Services	3,651,468	3,843,974	4,178,185	4,393,131	4,547,882	4,705,115
Materials and Supplies	185,419	252,061	270,946	273,015	270,691	275,198
Contractual Services	42,675,262	43,377,953	46,069,056	47,134,393	49,303,167	49,478,639
Other Operating	5,701,220	5,545,760	6,985,342	7,114,962	7,263,542	7,414,836
Departmental Allocations	1,763,592	1,798,812	1,834,812	1,871,520	1,908,956	1,947,144
Capital	4,538,033	7,257,331	7,068,730	5,381,170	7,048,115	6,186,530
Debt Service	862,407	947,322	991,183	1,260,976	1,424,870	1,716,962
Transfers Out	365,805	423,374	422,250	423,852	428,190	297,109
*Audit Reclass	(3,589,811)	-	-	-	-	-
	56,153,395	63,446,587	67,820,504	67,853,019	72,195,413	72,021,533
Water Fund						
Revenues						
User Charges	6,148,299	6,363,503	7,600,519	8,273,921	9,009,749	9,819,441
Other Revenues	458,446	365,144	425,820	378,805	382,274	385,847
Contributed Capital	1,026,199	-	-	-	-	-
Bond/IEPA Proceeds	-	2,773,039	8,692,536	5,085,795	18,081,255	388,150
	7,632,944	9,501,686	16,718,875	13,738,521	27,473,278	10,593,438

City of St. Charles
Summary of Revenue and Expenditures (Expenses)

	Actuals FY 18/19	Forecast FY 19/20	Proposed FY 20/21	*****Projected***** FY 21/22	*****Projected***** FY 22/23	*****Projected***** FY 23/24
Expenses						
Personnel Services	1,481,823	1,481,315	1,738,328	1,817,755	1,889,075	1,965,082
Materials and Supplies	576,956	527,932	750,978	703,646	716,450	728,876
Contractual Services	1,181,994	1,248,002	2,027,529	2,022,281	2,090,868	2,113,320
Other Operating	177,766	138,157	238,968	191,973	197,057	202,244
Departmental Allocations	1,305,636	1,331,724	1,358,364	1,385,532	1,413,224	1,441,498
Capital	1,936,979	4,943,935	10,245,736	7,000,445	18,590,655	1,466,550
Debt Service	1,265,331	1,502,400	1,361,958	1,923,338	2,325,529	3,745,073
Transfers Out	193,211	189,095	188,358	188,157	189,191	162,027
*Audit Reclass	(435,306)	-	-	-	-	-
	7,684,390	11,362,560	17,910,219	15,233,127	27,412,049	11,824,670

Water Connection Fund

Revenues						
Connection Charges	66,181	70,690	60,000	60,000	60,000	60,000
Other Revenues	4,179	3,811	2,000	2,000	2,000	2,000
	70,360	74,501	62,000	62,000	62,000	62,000
Expenses						
None	-	-	-	-	-	-
	-	-	-	-	-	-

Wastewater Fund

Revenues						
User Charges	10,154,067	10,564,418	11,752,200	12,399,265	13,018,448	13,658,046
Other Revenues	510,256	582,243	427,505	422,063	426,967	432,017
Contributed Capital	1,121,739	-	-	-	-	-
Bond/IEPA Proceeds	7,994,588	3,895,753	2,021,621	10,685,750	3,518,950	8,552,500
Transfers In	458,172	-	-	-	-	-
*Audit Reclass	(7,994,588)	-	-	-	-	-
	12,244,234	15,042,414	14,201,326	23,507,078	16,964,365	22,642,563
Expenses						
Personnel Services	1,922,842	1,939,299	2,553,719	2,701,262	2,790,668	2,885,061
Materials and Supplies	293,066	421,752	532,103	547,819	559,967	548,409
Contractual Services	2,246,760	2,131,834	2,528,323	2,562,521	2,576,610	2,605,625
Other Operating	374,451	397,330	259,843	255,462	262,047	268,800
Departmental Allocations	1,330,296	1,356,876	1,384,032	1,411,704	1,439,932	1,468,739
Capital	10,287,001	4,253,747	3,529,121	12,740,129	4,749,644	9,977,436
Debt Service	2,295,790	3,261,800	3,239,162	4,044,258	4,788,116	5,755,477
Transfers Out	285,895	851,495	311,895	312,045	314,387	250,023
*Audit Reclass	(9,321,004)	-	-	-	-	-
	9,715,097	14,614,133	14,338,198	24,575,200	17,481,371	23,759,570

Wastewater Connection Fund

Revenues						
Connection Charges	118,715	141,017	110,000	110,000	110,000	110,000
Other Revenues	27,146	5,696	2,500	2,500	2,500	2,500
Bond Proceeds	-	1,245,000	17,870,000	930,000	8,856,000	-
Transfers In	-	538,440	-	-	-	-
	145,861	1,930,153	17,982,500	1,042,500	8,968,500	112,500
Expenses						
Capital	458,172	1,903,932	17,870,000	930,000	8,856,000	-
Transfers Out	458,172	-	-	-	-	-
*Audit Reclass	(458,172)	-	-	-	-	-
	458,172	1,903,932	17,870,000	930,000	8,856,000	-

City of St. Charles
Summary of Revenue and Expenditures (Expenses)

	Actuals FY 18/19	Forecast FY 19/20	Proposed FY 20/21	*****Projected***** FY 21/22	*****Projected***** FY 22/23	*****Projected***** FY 23/24
Refuse Fund						
Revenues						
User Charges	530,100	529,481	536,000	541,360	546,770	552,240
Other Revenues	28,947	18,096	19,060	19,460	19,860	19,860
Transfers In	81,259	80,000	160,000	80,000	240,000	80,000
	640,306	627,577	715,060	640,820	806,630	652,100
Expenses						
Materials and Supplies	3,557	6,243	6,368	6,495	6,625	6,758
Contractual Services	630,238	563,408	665,460	533,373	673,066	535,239
Other Operating	-	1,380	1,404	1,432	1,461	1,491
Departmental Allocations	105,900	108,024	110,208	112,416	114,660	116,959
	739,695	679,055	783,440	653,716	795,812	660,447
TIF Funds						
Revenues						
Property Tax	1,616,042	1,691,911	2,057,380	2,018,030	1,711,810	1,807,730
Other Revenues	8,884	8,945	7,400	7,400	3,400	3,400
	1,624,926	1,700,856	2,064,780	2,025,430	1,715,210	1,811,130
Expenditures						
Transfers Out	998,798	1,479,550	1,407,050	1,499,875	1,553,275	1,465,300
	998,798	1,479,550	1,407,050	1,499,875	1,553,275	1,465,300
Motor Fuel Tax Fund						
Revenues						
Motor Fuel Tax	870,764	1,138,298	1,376,760	1,397,411	1,418,373	1,439,650
Other Revenues	37,747	30,708	35,800	30,000	27,450	25,000
Transfers In	-	-	-	-	-	-
	908,511	1,169,006	1,412,560	1,427,411	1,445,823	1,464,650
Expenditures						
Capital	960,311	1,218,725	1,675,000	1,550,000	1,550,000	1,525,000
	960,311	1,218,725	1,675,000	1,550,000	1,550,000	1,525,000
Police Pension Fund						
Revenues						
Contributions	3,643,989	3,525,459	3,889,866	3,967,245	4,052,027	4,124,583
Other Revenues	1,732,607	537,206	1,253,712	1,278,540	1,316,544	1,355,676
	5,376,596	4,062,665	5,143,578	5,245,785	5,368,571	5,480,259
Expenses						
Personnel Services	2,988,502	3,259,339	3,396,008	3,488,052	3,582,852	3,680,508
Contractual Services	163,883	136,985	191,108	196,848	202,728	208,800
Other Operating	6,392	6,793	7,500	7,700	7,900	8,100
	3,158,777	3,403,117	3,594,616	3,692,600	3,793,480	3,897,408
Fire Pension Fund						
Revenues						
Contributions	2,495,337	2,442,895	2,762,157	2,822,574	2,884,346	2,947,514
Other Revenues	2,219,657	677,989	1,236,996	1,273,740	1,311,600	1,350,600
	4,714,994	3,120,884	3,999,153	4,096,314	4,195,946	4,298,114

City of St. Charles
Summary of Revenue and Expenditures (Expenses)

	Actuals FY 18/19	Forecast FY 19/20	Proposed FY 20/21	*****Projected***** FY 21/22	*****Projected***** FY 22/23	*****Projected***** FY 23/24
Expenses						
Personnel Services	1,996,188	2,172,099	2,383,232	2,448,860	2,516,432	2,586,056
Contractual Services	164,407	164,018	186,192	191,796	197,532	203,472
Other Operating	7,171	7,676	8,200	8,500	8,800	9,100
	2,167,766	2,343,793	2,577,624	2,649,156	2,722,764	2,798,628

Capital Projects Fund

Revenues						
Property Tax	23,522	24,321	25,000	25,000	25,000	25,000
Other Revenues	378,366	428,471	976,932	1,030,230	167,000	169,000
Bond Proceeds	-	4,780,328	2,376,383	4,390,939	8,857,794	3,232,129
Transfers In	1,807,500	1,820,071	2,363,252	3,143,246	2,008,878	1,525,750
	2,209,388	7,053,191	5,741,567	8,589,415	11,058,672	4,951,879
Expenditures						
Contractual Services	99,671	121,275	115,000	167,500	42,400	20,000
Other Operating	11,857	42,325	2,350	514,750	469,950	492,350
Capital	2,893,881	5,824,400	5,526,567	7,809,515	10,448,672	4,341,879
Transfers Out	530,384	97,650	1,767,418	97,650	97,650	97,650
	3,535,793	6,085,650	7,411,335	8,589,415	11,058,672	4,951,879

Capital Levy Fund

Revenues						
Other Revenues	11,618	7,449	-	-	-	-
Transfers In	711,455	740,109	600,597	606,473	603,617	604,340
	723,073	747,558	600,597	606,473	603,617	604,340
Expenditures						
Transfers Out	1,882,960	685,001	600,597	606,473	603,617	604,340
	1,882,960	685,001	600,597	606,473	603,617	604,340

Police Building Capital Project Fund

Revenues						
Property Tax						
Other Revenues	329,636	138,938	-	-	-	-
Bond Proceeds	-	5,064,605	-	-	-	-
Transfers In	3,000,000	-	-	-	-	-
	3,329,636	5,203,543	-	-	-	-
Expenditures						
Other Operating	-	80,507	-	-	-	-
Capital	14,114,492	10,576,308	-	-	-	-
Transfers Out	-	-	1,000,000	-	-	-
	14,114,492	10,656,815	1,000,000	-	-	-

Central Downtown Capital Project Fund

Revenues						
Other Revenues	20,713	19,517	-	-	-	-
Transfers In	1,281,942	81,903	-	-	-	-
	1,302,655	101,420	-	-	-	-
Expenditures						
Contractual Services	31,702	18,064	-	-	-	-
Capital	387,562	1,929,631	-	541,450	-	-
	419,264	1,947,695	-	541,450	-	-

City of St. Charles
Summary of Revenue and Expenditures (Expenses)

	Actuals FY 18/19	Forecast FY 19/20	Proposed FY 20/21	*****Projected***** FY 21/22	*****Projected***** FY 22/23	*****Projected***** FY 23/24
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First Street East Plaza Capital Project Fund

Revenues						
Other Revenues	-	600,448	100,000	-	-	-
Transfers In	-	236,157	1,000,000	-	-	-
	-	836,605	1,100,000	-	-	-
Expenditures						
Capital	-	1,025,587	1,000,000	-	-	-
	-	1,025,587	1,000,000	-	-	-

Equipment Replacement Fund

Revenues						
Other Revenues	12,057	296,580	391,115	429,091	428,104	428,104
Transfers In	283,719	-	-	-	-	-
	295,776	296,580	391,115	429,091	428,104	428,104
Expenditures						
Capital	84,407	126,731	100,000	100,000	100,000	100,000
Transfers Out	425,714	-	-	-	-	-
	510,121	126,731	100,000	100,000	100,000	100,000

Debt Service Funds

Revenues						
Sales & Use Taxes	1,020,784	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
Other Revenues	29,796	32,248	25,000	25,000	25,000	25,000
Transfers In	6,634,747	6,657,541	7,808,989	7,993,193	8,326,974	8,528,613
	7,685,327	7,789,789	8,933,989	9,118,193	9,451,974	9,653,613
Expenditures						
Contractual Services	4,273	3,220	4,300	4,300	4,300	4,300
Debt Service	7,593,198	7,618,936	8,769,989	8,952,593	9,288,573	9,486,013
	7,597,471	7,622,156	8,774,289	8,956,893	9,292,873	9,490,313

Internal Service Fund - Inventory

Revenues						
Other Revenues	4,312,535	3,468,756	4,053,406	4,115,519	4,219,722	4,295,136
	4,312,535	3,468,756	4,053,406	4,115,519	4,219,722	4,295,136
Expenses						
Personnel Services	508,169	535,544	517,805	548,450	579,209	607,051
Materials and Supplies	3,450,015	2,681,666	3,116,500	3,177,802	3,257,589	3,308,641
Contractual Services	62,877	57,090	64,557	65,917	64,664	65,898
Other Operating	17,991	17,131	27,399	28,326	28,775	29,235
Departmental Allocations	234,120	238,788	243,588	248,448	253,415	258,489
Capital	4,226	19,960	-	-	-	58,000
Transfers Out	14,755	-	-	-	-	-
*Audit Reclass	7,401	-	-	-	-	-
	4,299,554	3,550,179	3,969,849	4,068,943	4,183,652	4,327,314

Internal Service Fund - Vehicles

Revenues						
Other Revenues	2,400,748	2,503,879	2,132,291	2,907,594	2,891,394	2,948,793
Transfers In	60,000	97,650	97,650	97,650	97,650	97,650
	2,460,748	2,601,529	2,229,941	3,005,244	2,989,044	3,046,443

City of St. Charles
Summary of Revenue and Expenditures (Expenses)

	Actuals FY 18/19	Forecast FY 19/20	Proposed FY 20/21	*****Projected***** FY 21/22	*****Projected***** FY 22/23	*****Projected***** FY 23/24
Expenses						
Personnel Services	581,716	579,375	635,405	656,812	676,414	696,774
Materials and Supplies	387,749	386,462	422,125	425,435	428,315	434,537
Contractual Services	202,304	260,605	208,415	212,213	212,975	217,257
Other Operating	31,412	39,610	52,128	52,752	53,945	55,146
Departmental Allocations	271,956	277,380	-	-	-	-
Capital	711,194	1,165,565	1,849,600	733,000	1,259,000	1,289,200
Transfers Out	18,467	-	-	-	-	-
*Audit Reclass	71,240	-	-	-	-	-
	2,276,038	2,708,997	3,167,673	2,080,212	2,630,649	2,692,914

Internal Service Fund - Health Insurance

Revenues						
Other Revenues	4,297,395	4,492,512	4,514,495	4,656,400	4,763,980	4,878,980
	4,297,395	4,492,512	4,514,495	4,656,400	4,763,980	4,878,980
Expenses						
Personnel Services	22,224	21,190	37,310	37,310	37,310	37,310
Materials and Supplies	57	-	-	-	-	-
Contractual Services	868,670	944,496	1,033,175	1,143,555	1,181,435	1,238,885
Other Operating	3,488,550	3,331,886	3,388,780	3,600,480	3,685,660	3,761,600
Departmental Allocations	78,276	79,848	81,444	83,076	84,736	86,432
	4,457,777	4,377,420	4,540,709	4,864,421	4,989,141	5,124,227

Internal Service Fund - Workers Compensation & Liability

Revenues						
Other Revenues	1,255,608	1,033,110	976,000	976,000	976,000	976,000
	1,255,608	1,033,110	976,000	976,000	976,000	976,000
Expenses						
Contractual Services	562,789	598,019	573,900	597,550	623,580	651,777
Other Operating	262,079	622,244	261,000	261,000	261,000	263,020
Departmental Allocations	25,392	25,908	26,424	26,952	27,490	28,041
Transfers Out	195,000	-	450,000	-	-	-
	1,045,260	1,246,171	1,311,324	885,502	912,070	942,838

Internal Service Fund - Communications

Revenues						
Other Revenues	453,059	676,558	545,599	462,186	338,712	338,739
	453,059	676,558	545,599	462,186	338,712	338,739
Expenses						
Personnel Services	82,466	69,742	59,080	74,904	63,996	65,923
Materials and Supplies	5,186	2,723	7,720	7,990	8,190	8,220
Contractual Services	45,826	50,929	78,708	110,944	81,800	105,578
Other Operating	20,765	31,475	20,341	20,428	20,790	21,156
Departmental Allocations	42,024	42,852	43,716	44,592	45,481	46,395
Capital	106,257	525,912	217,000	133,500	10,000	10,000
Transfers Out	61,664	61,664	61,664	61,664	61,664	61,664
*Audit Reclass	(140,958)	-	-	-	-	-
	223,230	785,297	488,229	454,022	291,921	318,936

City of St. Charles
Revenues, Expenditures & Fund Balance Summary

FY 2020/21 Budget					
	Projected Beginning Fund Balance	Revenues & Other Financing Sources	Expenditures & Other Financing Uses	Operating Surplus (Deficit)	Projected Ending Fund Balance
GENERAL FUND	27,235,674	48,099,489	49,263,072	(1,163,583)	26,072,091
ENTERPRISE FUNDS					
Electric Fund	83,895,517	68,742,106	67,820,504	921,602	84,817,119
Water Fund	19,505,958	16,718,875	17,910,219	(1,191,344)	18,314,614
Water Connection Fund	515,064	62,000	-	62,000	577,064
Wastewater Fund	32,328,387	14,201,326	14,338,198	(136,872)	32,191,515
Wastewater Connection Fund	468,090	17,982,500	17,870,000	112,500	580,590
Refuse Fund	257,614	715,060	783,440	(68,380)	189,234
SPECIAL REVENUE FUNDS					
TIF District #1 - Hotel Baker	(53,458)	137,210	-	137,210	83,752
TIF District #2 - Moline Foundry	632,088	359,000	-	359,000	991,088
TIF District #3 - St. Charles Mall	(993,865)	350,100	222,450	127,650	(866,215)
TIF District #4 - First Street	(729,190)	461,300	460,900	400	(728,790)
TIF District #5 - St. Charles Manufacturing	(1,199,950)	203,340	188,300	15,040	(1,184,910)
TIF District #6 - Lexington Club	61,328	17,930	-	17,930	79,258
TIF District #7 - Central Downtown	495	535,900	535,400	500	995
Motor Fuel Tax Fund	1,828,377	1,412,560	1,675,000	(262,440)	1,565,937
TRUST FUNDS					
Police Pension Fund	36,842,889	5,143,578	3,594,616	1,548,962	38,391,851
Fire Pension Fund	41,703,286	3,999,153	2,577,624	1,421,529	43,124,815
CAPITAL PROJECTS FUNDS					
Capital Projects Fund	1,650,159	5,741,567	7,411,335	(1,669,768)	(19,609)
Capital Levy Fund	111,015	600,597	600,597	-	111,015
Police Building Capital Project Fund	2,449,698	-	1,000,000	(1,000,000)	1,449,698
Central Downtown Capital Project Fund	(772,261)	-	-	-	(772,261)
First Street/East Plaza Capital Project Fund	-	1,100,000	1,000,000	100,000	100,000
Equipment Replacement Fund	1,003,538	391,115	100,000	291,115	1,294,653
DEBT SERVICE FUNDS					
Series 2010C G.O. Refunding Bond Fund	-	222,450	222,450	-	-
Series 2011A G.O. Bond Fund	-	304,145	304,145	-	-
Series 2011C G.O. Refunding Bond Fund	-	474,175	474,175	-	-
Series 2011D G.O. Refunding Bond Fund	-	322,875	322,875	-	-
Series 2012A G.O. Bond Fund	-	660,485	660,485	-	-
Series 2012B G.O. Refunding Bond Fund	-	1,159,150	1,159,150	-	-
Series 2013A G.O. Refunding Bond Fund	-	894,200	894,200	-	-
Series 2013B G.O. Bond Fund	-	270,791	270,791	-	-
Series 2015A G.O. Bond Fund	-	98,439	98,439	-	-
Series 2016A G.O. Bond Fund	-	307,951	307,951	-	-
Series 2016B G.O. Refunding Bond Fund	-	1,029,955	1,029,955	-	-
Series 2018A G.O. Bond Fund	-	1,393,223	1,393,223	-	-
Series 2019 G.O. Bond Fund	-	671,150	671,150	-	-
Series 2016 Sales Tax Revenue Bond Fund	1,984,502	1,125,000	965,300	159,700	2,144,202
INTERNAL SERVICE FUNDS					
Inventory Fund	3,890,913	4,053,406	3,969,849	83,557	3,974,470
Vehicle Replacement Fund	9,428,434	2,229,941	3,167,673	(937,732)	8,490,702
Health Insurance Fund	3,196,717	4,514,495	4,540,709	(26,214)	3,170,503
Workers Compensation & Liability Fund	3,179,081	976,000	1,311,324	(335,324)	2,843,757
Communications Fund	921,406	545,599	488,229	57,370	978,776
TOTAL ALL FUNDS	269,341,506	208,228,136	209,603,728	(1,375,592)	267,965,914

City of St. Charles
Revenues, Expenditures & Cash Balance Summary

FY 2020/21 Budget					
	Projected Beginning Available Cash	Revenues & Other Financing Sources	Expenditures & Other Financing Uses	Operating Surplus (Deficit)	Projected Ending Available Cash
GENERAL FUND	14,662,587	48,099,489	49,263,072	(1,163,583)	13,499,004
ENTERPRISE FUNDS					
Electric Fund	20,469,989	68,742,106	67,820,504	921,602	21,391,591
Water Fund	2,079,496	16,718,875	17,910,219	(1,191,344)	888,152
Water Connection Fund	515,064	62,000	-	62,000	577,064
Wastewater Fund	5,236,202	14,201,326	14,338,198	(136,872)	5,099,330
Wastewater Connection Fund	520,898	17,982,500	17,870,000	112,500	633,398
Refuse Fund	189,012	715,060	783,440	(68,380)	120,632
SPECIAL REVENUE FUNDS					
TIF District #1 - Hotel Baker	367	137,210	-	137,210	137,577
TIF District #2 - Moline Foundry	632,088	359,000	-	359,000	991,088
TIF District #3 - St. Charles Mall	335	350,100	222,450	127,650	127,985
TIF District #4 - First Street	503	461,300	460,900	400	903
TIF District #5 - St. Charles Manufacturing	2,810	203,340	188,300	15,040	17,850
TIF District #6 - Lexington Club	61,328	17,930	-	17,930	79,258
TIF District #7 - Central Downtown	495	535,900	535,400	500	995
Motor Fuel Tax Fund	1,784,231	1,412,560	1,675,000	(262,440)	1,521,791
TRUST FUNDS					
Police Pension Fund	37,621,084	5,143,578	3,594,616	1,548,962	39,170,046
Fire Pension Fund	42,791,439	3,999,153	2,577,624	1,421,529	44,212,968
CAPITAL PROJECTS FUNDS					
Capital Projects Fund	1,528,768	5,741,567	7,411,335	(1,669,768)	(141,000)
Capital Levy Fund	111,016	600,597	600,597	-	111,016
Police Building Capital Project Fund	2,489,158	-	1,000,000	(1,000,000)	1,489,158
Central Downtown Capital Project Fund	-	-	-	-	-
First Street/East Plaza Capital Project Fund	7,767	1,100,000	1,000,000	100,000	107,767
Equipment Replacement Fund	1,003,538	391,115	100,000	291,115	1,294,653
DEBT SERVICE FUNDS					
Series 2010C G.O. Refunding Bond Fund	-	222,450	222,450	-	-
Series 2011A G.O. Bond Fund	-	304,145	304,145	-	-
Series 2011C G.O. Refunding Bond Fund	-	474,175	474,175	-	-
Series 2011D G.O. Refunding Bond Fund	-	322,875	322,875	-	-
Series 2012A G.O. Bond Fund	-	660,485	660,485	-	-
Series 2012B G.O. Refunding Bond Fund	-	1,159,150	1,159,150	-	-
Series 2013A G.O. Refunding Bond Fund	-	894,200	894,200	-	-
Series 2013B G.O. Bond Fund	-	270,791	270,791	-	-
Series 2015A G.O. Bond Fund	-	98,439	98,439	-	-
Series 2016A G.O. Bond Fund	-	307,951	307,951	-	-
Series 2016B G.O. Refunding Bond Fund	-	1,029,955	1,029,955	-	-
Series 2018A G.O. Bond Fund	-	1,393,223	1,393,223	-	-
Series 2019 G.O. Bond Fund	-	671,150	671,150	-	-
Series 2016 Sales Tax Revenue Bond Fund	1,853,881	1,125,000	965,300	159,700	2,013,581
INTERNAL SERVICE FUNDS					
Inventory Fund	217,941	4,053,406	3,969,849	83,557	301,498
Vehicle Replacement Fund	4,116,386	2,229,941	3,167,673	(937,732)	3,178,654
Health Insurance Fund	3,522,665	4,514,495	4,540,709	(26,214)	3,496,451
Workers Compensation & Liability Fund	3,892,581	976,000	1,311,324	(335,324)	3,557,257
Communications Fund	513,316	545,599	488,229	57,370	570,686
TOTAL ALL FUNDS	145,824,945	208,228,136	209,603,728	(1,375,592)	144,449,353

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City of St. Charles
Capital Improvements Budget
FY 2020-2021 Budget

A key component within the City's annual budget and three-year forecast are its capital expenditures and designated funding sources. The City will invest more than \$49.2 million in infrastructure improvements, equipment and computing systems during FY 20-21. These projects are budgeted in the six funds designated as capital project funds, as well as the Electric, Water, Wastewater, Motor Fuel Tax, Equipment Replacement, Motor Vehicle Replacement and Communications Funds.

The formation of the annual budget and three-year forecast is an opportunity to ensure that the City's infrastructure and capital needs meet the community's service levels and expectations. The City continually evaluates and analyzes the state of its infrastructure, equipment and business processing needs. In addition, Public Works staff maintain a 10-Year Capital Improvement Plan (CIP) which includes all capital projects with a value greater than \$20,000. The majority of these projects maintain, improve or expand the City's infrastructure which encompasses roads, sidewalks, bridges, public facilities as well as the electric, water, and wastewater systems. Investing in infrastructure is critical to maintaining a high quality of life, supporting public health and safety, and fostering economic growth, development and redevelopment.

The information provided in this section includes:

- Summary of capital projects by fund and funding sources
- Detail listing of each fund's capital projects and funding sources
- Project descriptions for those projects initiated in FY 20-21 with a cost greater than \$100,000

City of St. Charles
Capital Improvements Budget Summary by Fund

Fund	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
Electric	\$ 7,068,730	\$ 5,381,170	\$ 7,048,115	\$ 6,186,530
Water	10,245,736	7,000,445	18,590,655	1,466,550
Wastewater	3,529,121	12,740,129	4,749,644	9,977,436
Wastewater Connection	17,870,000	930,000	8,856,000	-
Motor Fuel Tax	1,675,000	1,550,000	1,550,000	1,525,000
Central Downtown Capital Project Fund	-	541,450	-	-
First Street/East Plaza Capital Project Fund	1,000,000	-	-	-
Capital Projects - Information Systems	481,000	417,400	15,000	15,000
Capital Projects - Finance	134,000	378,000	127,200	20,000
Capital Projects - Fire	-	850,000	1,000,000	-
Capital Projects - Street and Bridge	2,362,371	1,870,046	3,312,518	1,787,550
Capital Projects - Storm	1,679,196	3,566,829	2,083,954	1,348,329
Capital Projects - Special Services	985,000	867,000	3,930,000	476,000
Capital Projects - Community Development	-	540,140	490,000	1,205,000
Capital Projects - Debt Service	100,000	100,000	100,000	100,000
Equipment Replacement Fund	100,000	100,000	100,000	100,000
Inventory Fund	-	-	-	58,000
Motor Vehicle Replacement Fund	1,831,600	721,000	1,259,000	1,289,200
Communications Fund	217,000	283,500	10,000	10,000
Total All Funds	\$ 49,278,754	\$ 37,837,109	\$ 53,222,086	\$ 25,564,595

Funding Sources				
Issuance of Bonds	\$ 11,252,160	\$ 13,642,654	\$ 43,136,714	\$ 15,454,609
IEPA Loans	23,369,110	9,680,000	-	-
Prior Year Bond Proceeds and Earnings	1,593,770	1,202,770	-	-
Operating Revenues	8,175,682	9,161,405	6,038,572	5,601,886
Replacement Reserves	2,151,100	893,600	2,096,800	2,583,100
Motor Fuel Tax	1,675,000	1,550,000	1,550,000	1,525,000
Grant Revenue	761,932	865,230	-	-
TIF Increment	-	541,450	-	-
Developer Reimbursed	300,000	300,000	400,000	400,000
Total All Sources	\$ 49,278,754	\$ 37,837,109	\$ 53,222,086	\$ 25,564,595

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
Electric Fund				
200520-Electric Administration	\$ 368,500	\$ 283,500	\$ 356,650	\$ 15,000
56301-0-Capitalized Software	368,500	283,500	356,650	15,000
INT0001:EL1003: UB Software Replacement	268,000	-	-	-
INT0002:11002 : Work Order Project	-	-	261,250	-
INT0003:CP2204:Software Implementation	40,500	22,500	15,000	15,000
INT0003:CP2202:ERP Replacement-Financials/HR/PR	60,000	261,000	80,400	-
200521-Electric Operations	5,616,000	3,751,000	5,025,400	5,904,700
56001-0-Motor Vehicles - Replacements	-	-	569,400	412,000
EL2008 : Repl 1902 2009 IHC 7400 SFA	-	-	-	298,000
EL2012 : Repl 2158 2003 Sullair 185-H	-	-	32,400	-
EL2013 : Repl 2184 2006 Altec DB35	-	-	-	-
EL2021 : Repl 2006 Kobelco Mini Excavator	-	-	-	43,000
EL2024 : Repl 1785 2011 Ford F550 Dump	-	-	-	71,000
EL2027 : Repl 1933 2010 IHC Digger Derrice	-	-	260,000	-
EL2028 : Repl 1935 2010 IHC Aerial Truck	-	-	242,000	-
EL2031 : Repl 1882 2009 Ford F150	-	-	35,000	-
56101-0-Land Improvements	-	15,000	15,000	15,000
PRK0002:EL2015 : PW Facility Parking Lot Imp	-	15,000	15,000	15,000
56203-0-Substation Capital Improvemnts	880,000	930,000	2,130,000	3,030,000
ELE0006: Dunham Rd Upgrade Engineering	-	100,000	-	-
ELE0006: Dunham Rd Upgrade Land Acq & Const	-	-	1,000,000	3,000,000
ELE0007: East Side Upgrade Sub 7-9	-	500,000	-	-
ELE0009: Split 12kv Circuits Sub 3 Eng/Const	600,000	-	-	-
ELE0012: Substation Capital Unplanned Failures	30,000	30,000	30,000	30,000
ELE0013: Substation TR Replace - Age/Condition	-	-	800,000	-
ELE0044: Recloser replacements	-	100,000	100,000	-
ELE0047: Conservation Voltage Reduction Project	250,000	200,000	200,000	-
56204-0-Transmission Capital Improve	1,750,000	-	-	-
ELE0045: Replace L13156 from Kirk Road to Sub 5	1,750,000	-	-	-
56205-0-Distribution Imp-Developments	300,000	300,000	400,000	400,000
ELE0019: Emergent Reimbursable Projects	200,000	200,000	400,000	400,000
ELE0051: Prairie Center Electric	100,000	100,000	-	-
56206-0-Distribution Capital Improve	2,455,000	2,355,000	1,760,000	1,932,700
BRG0009:CP5039 : Piano Factory Bridge Repairs	-	-	-	322,700
ELE0022: Automation of 12kv lines	-	250,000	250,000	-
ELE0024: Cable Replacement/Reinforcement	100,000	300,000	300,000	300,000
ELE0025: Complete Woodwark Link West of Randall	-	-	-	-
ELE0027: Finish Duct to Dean St	-	-	-	-
ELE0029: Leaking & Failed Transformer Replace	200,000	200,000	200,000	200,000
ELE0030: O to U-514 behind Amlie-Kirk to Tyler	-	-	-	-
ELE0031: Overhead System Replacements	1,200,000	500,000	100,000	100,000
ELE0032: Power Factor Correction Equipment	45,000	45,000	-	-
ELE0033: Reconductor 316 Along Tracks Cedar-Tyler	-	200,000	-	-
ELE0034: Rotted SWGR Replacements	160,000	160,000	160,000	160,000
ELE0035: Station Exit Cable Replacement	200,000	200,000	200,000	200,000
ELE0036: Storm Hardening-Resident'l OvHD to UG	100,000	100,000	100,000	100,000
ELE0037: Sub 9 Circuits outside of Station	-	-	-	-
ELE0038: Unplanned UG Equip Failures	300,000	300,000	300,000	300,000
STM0001:CP5704 : 7th Ave Creek Imp	150,000	100,000	-	-
Future Distribution Projects	-	-	150,000	250,000

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
56207-0-Services/Upgrades	45,000	45,000	45,000	45,000
ELE0039: New Service Work	45,000	45,000	45,000	45,000
56208-0-St. Light/Traffic Signal Capital	186,000	106,000	106,000	70,000
ELE0042: Unplanned Concrete Pole Replacements	30,000	30,000	30,000	30,000
ELE0043: Unplanned Streetlight Replacements	40,000	40,000	40,000	40,000
ELE0053: First St Building 6 Streetscape	80,000	-	-	-
ELE0056: Repl Red Concrete with Frankenstein	36,000	36,000	36,000	-
200522-Electric Meter	1,084,230	1,346,670	1,666,065	266,830
56001-0-Motor Vehicles - Replacements	142,000	-	-	-
EL9007 : Repl 2009 Ford F550 XL Aerial	142,000	-	-	-
56002-0-Machinery and Equipment	-	-	-	-
ELE0055 : Repl Meter Test Bench	-	-	-	-
56004-0-Computer Equipment	942,230	1,346,670	1,666,065	266,830
ELE0049:EL9010: AMI - Implementation	942,230	1,346,670	1,666,065	266,830
Total Electric Fund	\$ 7,068,730	\$ 5,381,170	\$ 7,048,115	\$ 6,186,530

Funding:

Bonded Projects	\$ 3,660,730	\$ 2,230,170	\$ 3,822,715	\$ 3,281,830
Developer Reimbursed	300,000	300,000	400,000	400,000
Prior Bonded Projects	942,230	368,690	-	-
Replacement Reserves	142,000	-	569,400	412,000
Cash	2,023,770	2,482,310	2,256,000	2,092,700
Total Funding	\$ 7,068,730	\$ 5,381,170	\$ 7,048,115	\$ 6,186,530

Water Fund

210540-Water Administration	\$ 251,250	\$ 141,750	\$ 263,950	\$ 7,500
56301-0-Capitalized Software	251,250	141,750	263,950	7,500
INT0001:WA1003: UB Software Replacement	201,000	-	-	-
INT0002: 11002 : Work Order Project	-	-	216,250	-
INT0003:CP2204:Software Implementation	20,250	11,250	7,500	7,500
INT0003:CP2202:ERP Replacement-Financials/HR/PR	30,000	130,500	40,200	-
210541-Water Operations	9,342,946	5,065,200	15,948,400	1,078,400
56001-0-Motor Vehicles - Replacements	65,000	38,100	41,400	244,900
WA5089 : Repl Truck Body V#1926	40,000	-	-	-
WA5090 : Repl 2013 Trailer	25,000	-	-	-
WA5041 : Repl 1756 2011 Ford F-250	-	38,100	-	-
WA5029 : Repl 1752 2011 Ford F-250	-	-	41,400	-
WA5040 : Repl 1867 2011 JD Backhoe	-	-	-	140,000
WA5042 : Repl 1760 2011 JD Skidsteer	-	-	-	43,200
WA5066 : Repl 1926 2015 Ford F-550 SD	-	-	-	61,700
56002-0-Machinery and Equipment	300,000	100,000	-	35,000
WTR0001:WA5004 : SCADA Upgrade/Replacement	300,000	100,000	-	-
WTR0046:WA2055 : Chlorine Gas Equipment Replace	-	-	-	35,000

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
56101-0-Land Improvements	2,110,000	1,320,550	14,465,000	404,500
PRK0002:WA5034 : PW Facility Parking Lot Imp	-	15,000	15,000	15,000
STR0001:WA5019 : MFT Annual Resurf Program-Water	185,000	175,000	175,000	175,000
STR0003:WA5033 : Aintree Rd Resurf/Reconst	-	-	55,000	-
STR0015:WA5056 : Production Dr Resurf (Tyler-Kirk)	-	-	90,000	-
STR0021:WA5052: S. 7th Ave (Main St. to Division)	115,000	-	-	-
STR0022:WA5010 : Second & Delnor Improvements	440,000	-	-	-
STR0035:CP5094 : Swenson FDR (Kirk to Kautz)	-	-	-	84,500
WTR0005:WA5036 : Longmeadow Circle - Iroquois Ave	-	650,550	-	-
WTR0050:WA5079 : Annual Pressure Reduce Valve Repl	100,000	100,000	100,000	100,000
WTR0051:WA5080 : West Main, Walnut & 14th Alley	-	350,000	-	-
WTR0052:WA5081 : Tyler Rd & Rte 64 Main St Main	800,000	-	-	-
WTR0053:WA5082 : Water Well Development	-	-	14,000,000	-
WTR0055:WA2056 : Water Fac Beautification Plan	30,000	30,000	30,000	30,000
WA5088 : Water Main West WWTP	440,000	-	-	-
56150-0-Design Engineering - Capital	322,550	1,400,000	-	53,000
WTR0005:WA5036 : Longmeadow Circle - Iroquois Ave	58,550	-	-	-
WTR0022:WA2040 : Well #8 Electrical Eval/Conv	100,000	-	-	-
WTR0037:WA2048: Well #8 Filter&Softener Media Repl	44,000	-	-	-
WTR0051:WA5080 : West Main, Walnut & 14th Alley	32,000	-	-	-
WTR0036:WA2047 : Well #3/4 Filter & Softener Media	-	-	-	53,000
WTR0053:WA5082 : Water Well Development	-	1,400,000	-	-
WA5088 : Water Main West WWTP	88,000	-	-	-
56160-0-Construction Engineering - Capital	751,296	234,550	1,400,000	-
STR0022:WA5010 : Second & Delnor Improvements	33,086	-	-	-
WTR0005:WA5036: Longmeadow Circle - Iroquois Ave	-	58,550	-	-
WTR0011:WA2010 : Water Tower Painting - 10th St	-	-	-	-
WTR0014:WA2022 : Well #8 Generator	13,200	-	-	-
WTR0022:WA2040 : Well #8 Electrical Eval/Conv	-	100,000	-	-
WTR0029:WA2043 : Reservoir Repair WQ -#8	-	-	-	-
WTR0037:WA2048: Well #8 Filter&Softener Media Repl	-	44,000	-	-
WTR0051:WA5080 : West Main, Walnut & 14th Alley	-	32,000	-	-
WTR0052:WA5081 : Tyler Rd & Rte 64 Main St Main	136,000	-	-	-
WTR0053:WA5082 : Water Well Development	-	-	1,400,000	-
WTR0054:WA5084: Well #7 to Well #13 Incl Iron Treat	481,010	-	-	-
WA5088 : Water Main West WWTP	88,000	-	-	-
56170-0-Other Engineering Services - Capital	412,000	99,000	-	299,000
WTR0053:WA5082 : Water Well Development(Test Drill)	130,000	-	-	-
WA5086 : Pipe Integrity Inspection River Crossing	282,000	-	-	299,000
WA5087 : Water Utility Master Plan	-	99,000	-	-
56200-0-Structures and Improvements	20,000	30,000	-	-
WTR0043:WA2052 : Door Replacement Chlorine Rooms	-	10,000	-	-
OSHA Repairs	20,000	20,000	-	-

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
56209-0-Wells	5,362,100	1,843,000	42,000	42,000
WTR0015:WA2023 : Well #4 Convert - Pitless Adapter	300,000	-	-	-
WTR0016:WA2027 : Well #9 Preventive Maintenance	-	70,000	-	-
WTR0017:WA2028: Well #13 Preventative Maintenance	-	70,000	-	-
WTR0018:WA2029: Well #3 Preventive Maintenance	-	200,000	-	-
WTR0019:WA2031 : Well #4 Preventive Maintenance	200,000	-	-	-
WTR0022:WA2040 : Well #8 Electrical Eval/Conv	-	1,000,000	-	-
WTR0032:WA2037: Well #3/4 Booster Pump Maint BP #A	21,000	-	-	-
WTR0032:WA2037: Well #3/4 Booster Pump Maint BP #B	-	21,000	-	-
WTR0032:WA2037: Well #3/4 Booster Pump Maint BP #C	-	21,000	-	-
WTR0033:WA2044: Well #7 Booster Pump Maint BP #A	-	21,000	-	-
WTR0033:WA2044: Well #7 Booster Pump Maint BP #B	-	-	21,000	-
WTR0033:WA2044: Well #7 Booster Pump Maint BP #B	-	-	21,000	-
WTR0034:WA2045: Well #8 Booster Pump Maint #A	-	-	-	21,000
WTR0034:WA2045: Well #8 Booster Pump Maint #B	-	-	-	21,000
WTR0035:WA2046: Well #11 Booster Pump Maint BP #C	21,000	-	-	-
WTR0037:WA2048: Well #8 Filter&Softener Media Repl	-	440,000	-	-
WTR0045:WA2054 : Well House Master Meter Replace	10,000	-	-	-
WTR0054:WA5084: Well #7 to Well #13 Incl Iron Treat	4,810,100	-	-	-
210542-Water Meter	651,540	1,793,495	2,378,305	380,650
56001-0-Motor Vehicles - Replacements	-	-	51,000	-
WA7003 : Repl 1811 2011 Ford F350	-	-	51,000	-
56004-0-Computer Equipment	651,540	1,793,495	2,327,305	380,650
ELE0049:WA7004 : AMI - Implementation	651,540	1,793,495	2,327,305	380,650
56170-0-Other Engineering Services - Capital	-	-	-	-
ELE0049:WA7004 : AMI - Implementation Services	-	-	-	-
Total Water Fund	\$ 10,245,736	\$ 7,000,445	\$ 18,590,655	\$ 1,466,550

Funding:

Bonded Projects	\$ 3,401,426	\$ 5,085,795	\$ 18,081,255	\$ 388,150
IEPA Low Interest Loan	5,291,110	-	-	-
Prior Bonded Projects	651,540	834,080	-	-
Replacement Reserves	65,000	38,100	92,400	244,900
Cash	836,660	1,042,470	417,000	833,500
Total Funding	\$ 10,245,736	\$ 7,000,445	\$ 18,590,655	\$ 1,466,550

Wastewater Fund

220550-Wastewater Administration	\$ 251,250	\$ 141,750	\$ 263,950	\$ 7,500
56301-0-Capitalized Software	251,250	141,750	263,950	7,500
INT0001:WW1003: UB Software Replacement	201,000	-	-	-
INT0002: 11002 : Work Order Project	-	-	216,250	-
INT0003:CP2202:Software Implementation	20,250	11,250	7,500	7,500
INT0003:CP2202:ERP Replacement-Financials/HR/PR	30,000	130,500	40,200	-
220551-Wastewater Plant Operations	1,324,300	10,988,000	3,310,000	8,630,000
56002-0-Machinery and Equipment	344,000	138,000	25,000	55,000
WWP0001:WW2016 : SCADA Enhancements	250,000	100,000	-	-
WWP0017:WW2035 : Digester & Clarifier Exhaust	-	-	-	30,000
WW5012 : Wastewater Pump Replacement	94,000	38,000	25,000	25,000
56101-0-Land Improvements	75,000	136,000	30,000	30,000
WWP0020:WW2036 : WW Facilities Beautification Plan	75,000	136,000	30,000	30,000

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
56150-0-Design Engineering - Capital	382,000	160,000	495,000	-
SAN0019:WW5008 : Wildrose Lift Station Replacement	64,000	-	-	-
WWP0005:WW2026: UV Light Disinfection Replacement	-	160,000	-	-
WWP0006:WW2027: Excess Flow Filtration	-	-	495,000	-
WWP0010:WW5004 : Riverside Lift Station Replacemnt	318,000	-	-	-
56160-0-Construction Engineering - Capital	34,300	744,000	160,000	495,000
WWP0004:WW2025 : Primary Clarifier Rehabilitation	34,300	-	-	-
WWP0005:WW2026: UV Light Disinfection Replacement	-	-	160,000	-
WWP0006:WW2027: Excess Flow Filtration	-	-	-	495,000
WWP0010:WW5004 : Riverside Lift Station Replacemnt	-	680,000	-	-
SAN0019:WW5008 : Wildrose Lift Station Replacement	-	64,000	-	-
56170-0-Other Engineering Services - Capital	-	170,000	-	-
WW5013 : Wastewater Utility Master Plan	-	170,000	-	-
56200-0-Structures and Improvements	489,000	9,640,000	2,600,000	8,050,000
WWP0004:WW2025 : Primary Clarifier Rehabilitation	489,000	-	-	-
WWP0005:WW2026: UV Light Disinfection Replacement	-	-	2,600,000	-
WWP0006:WW2027: Excess Flow Filtration	-	-	-	8,050,000
WWP0010:WW5004 : Riverside Lift Station Replacemnt	-	9,000,000	-	-
SAN0019:WW5008 : Wildrose Lift Station Replacement	-	640,000	-	-
220552-Wastewater Collections	1,953,571	1,610,379	1,175,694	1,339,936
56001-0-Motor Vehicles - Replacements	12,500	34,500	76,000	479,000
WW6021 : Repl 1761 2009 Ford 550	-	-	76,000	-
WW6022 : Repl 1864 2009 Ford 550 4x4	-	-	-	-
WW6052 : Repl 1760 2011 JD Skidsteer (split w/Wtr)	-	-	-	39,000
WW6053 : Repl 1909 2009 JD Backhoe Loader	-	-	-	133,000
WW6056 : Repl 1708 2017 Sewer Cleaner	-	-	-	307,000
WW6057 : Repl 1833 2011 Ford F250	-	34,500	-	-
WW6069 : Repl 2013 Trailer	12,500	-	-	-
56002-0-Machinery and Equipment	25,000	-	-	-
SAN0005:WW6015 : Sanitary Sewer Flow Metering	25,000	-	-	-
56101-0-Land Improvements	1,529,000	1,222,350	852,165	627,936
PRK0002:WW6030 : PW Facility Parking Lot Imp	-	15,000	15,000	15,000
SAN0004:WW6007 : 4th & Indiana Sts - Heavy Flows	-	-	192,595	-
SAN0008:WW6031 : Dunham & Royal St George	-	350,000	-	-
SAN0009:WW6032 : N 3rd Ave & Delnor Glen Subdivis	-	15,000	-	-
SAN0010:WW6035 : Dunham & Muirfield-Drop Manhole	-	-	35,500	-
SAN0011:WW6034 : Indiana St. Btwn 13th & 14th	-	36,850	-	-
SAN0012:WW6033 : 3619 East Main St - Stein Mart	-	35,500	-	-
SAN0015:WW6051 : CMOM (Cap/Mgt/Op/Mnt) Prgm-Step3	394,000	406,000	418,000	431,000
SAN0015:WW6051 : CMOM SCO2 Prgm - Step 3	80,000	-	-	-
SAN0018:WW6062 : 7th St-Elm Back-Pitched Sewr Repl	-	214,000	-	-
SAN0021:WW6068 : 21" Trunk Line Lining 7th Ave	-	-	-	-
STR0001:WW6008 : MFT Annual Resurf Program-Sewer	170,000	150,000	150,000	150,000
STR0003:WW6026 : Aintree Rd Resurf/Reconst	-	-	6,750	-
STR0014:WW6063 : Patricia Ln FDR Via Veneto East	-	-	-	-
STR0015:WW6048 : Production Dr Resurf (Tyler-Kirk)	-	-	34,320	-
STR0021:WW6044 : S. 7th Ave (Main St. to Division)	10,000	-	-	-
STR0022:WW6028 : Second & Delnor Imp	875,000	-	-	-
STR0035:CP5094 : Swenson FDR (Kirk to Kautz)	-	-	-	31,936

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
56150-0-Design Engineering - Capital	313,000	221,529	207,000	213,000
SAN0004:WW6007 : 4th & Indiana Sts - Heavy Flows	-	17,334	-	-
SAN0008:WW6031 : Dunham & Royal St George	35,000	-	-	-
SAN0010:WW6035 : Dunham & Muirfield-Drop Manhole	-	3,195	-	-
SAN0011:WW6034 : Indiana St. Btwn 13th & 14th	20,000	-	-	-
SAN0012:WW6033 : 3619 East Main St - Stein Mart	20,000	-	-	-
SAN0015:WW6051 : CMOM Prgm-Flow Monitoring-Step 1	88,000	85,000	87,000	90,000
SAN0015:WW6051 : CMOM Prgm-SSES-Step 2	113,000	116,000	120,000	123,000
SAN0018:WW6062 : 7th St-Elm Back-Pitched Sewr Repl	37,000	-	-	-
56160-0-Construction Engineering - Capital	54,071	112,000	20,529	-
SAN0004:WW6007 : 4th & Indiana Sts - Heavy Flows	-	-	17,334	-
SAN0008:WW6031 : Dunham & Royal St George	-	35,000	-	-
SAN0010:WW6035 : Dunham & Muirfield-Drop Manhole	-	-	3,195	-
SAN0011:WW6034 : Indiana St. Btwn 13th & 14th	-	20,000	-	-
SAN0012:WW6033 : 3619 East Main St - Stein Mart	-	20,000	-	-
SAN0018:WW6062 : 7th St-Elm Back-Pitched Sewr Repl	-	37,000	-	-
STR0022:WW6028 : Second & Delnor Imp	54,071	-	-	-
56170-0-Other Engineering Services - Capital	20,000	20,000	20,000	20,000
SAN0015:WW6051 : CMOM Annual Update	20,000	20,000	20,000	20,000
Total Wastewater Fund	\$ 3,529,121	\$ 12,740,129	\$ 4,749,644	\$ 9,977,436

Funding:

Bonded Projects	\$ 1,703,621	\$ 1,005,750	\$ 3,518,950	\$ 8,552,500
IEPA Low Interest Loan	318,000	9,680,000	-	-
Prior Bonded Projects				
Replacement Reserves	12,500	34,500	76,000	479,000
Cash	1,495,000	2,019,879	1,154,694	945,936
Total Funding	\$ 3,529,121	\$ 12,740,129	\$ 4,749,644	\$ 9,977,436

Wastewater Connection Fee Fund

221553-Wastewater Connection Fee

56100-0-Land	\$ 100,000	\$ 100,000	\$ -	\$ -
SAN0020:WW6067 : Eastern Drainage Trunk Main	100,000	100,000	-	-
56101-0-Land Improvements	-	-	8,200,000	-
SAN0020:WW6067 : Eastern Drainage Trunk Main	-	-	8,200,000	-
56150-0-Design Engineering - Capital	-	820,000	-	-
SAN0020:WW6067 : Eastern Drainage Trunk Main	-	820,000	-	-
56160-0-Construction Engineering - Capital	1,260,000	-	656,000	-
WWP0007:WW4000 : West Plant Expansion Phase IIIA	1,260,000	-	-	-
SAN0020:WW6067 : Eastern Drainage Trunk Main	-	-	656,000	-
56170-0-Other Engineering Services - Capital	10,000	10,000	-	-
SAN0020:WW6067 : Eastern Drainage Trunk Main	10,000	10,000	-	-
56200-0-Structures and Improvements	16,500,000	-	-	-
WWP0007:WW4000 : West Plant Expansion Phase IIIA	16,500,000	-	-	-
Total Wastewater Connection Fee Fund	\$ 17,870,000	\$ 930,000	\$ 8,856,000	\$ -

Funding:

Bonded Projects	\$ 110,000	\$ 930,000	\$ 8,856,000	\$ -
IEPA Low Interest Loan	17,760,000	-	-	-
Cash	-	-	-	-
Total Funding	\$ 17,870,000	\$ 930,000	\$ 8,856,000	\$ -

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
Motor Fuel Tax Fund				
350500-Motor Fuel Tax	\$ 1,675,000	\$ 1,550,000	\$ 1,550,000	\$ 1,525,000
56101-0-Land Improvements	1,675,000	1,550,000	1,550,000	1,525,000
STR0001:MF1000 : MFT Annual Resurfacing Program	1,675,000	1,550,000	1,550,000	1,525,000
Total MFT Fund	\$ 1,675,000	\$ 1,550,000	\$ 1,550,000	\$ 1,525,000

Central Downtown Capital Projects Fund				
507665-TIF #7 Bldg 6 Cap Proj	\$ -	\$ 541,450	\$ -	\$ -
56101-0-Land Improvements	-	455,000	-	-
FIR0012:FS050: 1st St Bldg 6 Stscape	-	455,000	-	-
56150-0-Design Engineering - Capital	-	31,850	-	-
FIR0012:FS050: 1st St Bldg 6 Stscape	-	31,850	-	-
56160-0-Construction Engineering - Capital	-	31,850	-	-
FIR0012:FS050: 1st St Bldg 6 Stscape CE	-	31,850	-	-
56170-0-Other Engineering Services - Capital	-	22,750	-	-
FIR0012:FS050: 1st St Bldg 6 Stscape Const Mgt Fee	-	22,750	-	-
Total TIF #7 Downtown TIF Capital	\$ -	\$ 541,450	\$ -	\$ -

First Street/East Plaza Capital Projects Fund				
508667-First St Plaza East Project	\$ 1,000,000	\$ -	\$ -	\$ -
56101-0-Land Improvements	850,000	-	-	-
FS045 : East Plaza Expansion	850,000	-	-	-
56150-0-Design Engineering - Capital	75,000	-	-	-
FS045 : East Plaza Expansion	75,000	-	-	-
56160-0-Construction Engineering - Capital	75,000	-	-	-
FS045 : East Plaza Expansion	75,000	-	-	-
Total TIF #7 Downtown TIF Capital	\$ 1,000,000	\$ -	\$ -	\$ -

Capital Projects Fund				
513200-Capital Projects-IS	\$ 481,000	\$ 417,400	\$ 15,000	\$ 15,000
54256-0-IT Consulting	61,000	159,900	-	-
CP2003 : IT Project Management	-	2,500	-	-
CP2007 : Survey Monumentation	16,000	16,000	-	-
CP2011 : Website Redesign	-	95,000	-	-
CP2012 : Storage Area Network Repl	30,000	-	-	-
CP2013 : Computer Room Upgrades	-	19,000	-	-
CP2015 : Virtual Desktop Infrast (VDI) Implement	-	22,400	-	-
CP2016 : File Sharing	-	5,000	-	-
CP2017 : EOC and EMA Technology Upgrade	15,000	-	-	-
56004-0-Computer Equipment	420,000	90,000	15,000	15,000
CP2012 : Storage Area Network Repl	400,000	-	-	-
CP2013 : Computer Room Upgrades	-	75,000	-	-
CP2015 : Virtual Desktop Infrast (VDI) Implement	5,000	-	-	-
CP2017 : EOC and EMA Technology Upgrade	15,000	15,000	15,000	15,000
56301-0-Capitalized Software	-	167,500	-	-
CP2003 : IT Project Management	-	12,500	-	-
CP2011 : Website Redesign	-	40,000	-	-
CP2015 : Virtual Desktop Infrast (VDI) Implement	-	70,000	-	-

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
CP2016 : File Sharing	-	45,000	-	-
513220-Capital Projects-Finance	134,000	378,000	127,200	20,000
54256-0-IT Consulting	54,000	30,000	20,000	20,000
INT0003:CP2204:Software Implementation	54,000	30,000	20,000	20,000
56301-0-Capitalized Software	80,000	348,000	107,200	-
INT0003:CP2202:ERP Replacement-Financials/HR/PR	80,000	348,000	107,200	-
513400-Capital Projects-Fire	-	850,000	1,000,000	-
56200-0-Structures and Improvements	-	850,000	1,000,000	-
CP4011 : Fire Station #2 Addition	-	-	1,000,000	-
CP4012 : Replace Fire Training Tower	-	850,000	-	-
513500-Capital Projects-Street/Bridge	2,362,371	1,870,046	3,312,518	1,787,550
56100-0-Land	91,852	-	-	-
STR0030:CP5085 : Kautz Rd Reconstruct	91,852	-	-	-
56101-0-Land Improvements	1,500,000	953,750	1,530,750	918,750
PRK0002:CP5045 : PW Facility Parking Lot Imp	-	18,750	18,750	18,750
PRK0005:CP5099 : City Parking Lot Imp-Riverside	-	35,000	-	-
PRK0006:CP5100 : City Parking Lot Imp-Lot B	-	50,000	-	-
PRK0007:CP5101 : City Parking Lot Imp-Lot G	-	-	-	50,000
PRK0008:CP5102 : City Parking Lot Imp-Lot T	-	-	27,000	-
PRK0009:CP5103 : City Parking Lot Imp-Lot Q	-	40,000	-	-
PRK0010:CP5104 : City Parking Lot Imp-Lot R	-	-	45,000	-
PSV0001:CP5037 : Main St Bridge Alcove Repairs	-	150,000	-	-
STR0003:CP5032 : Aintree Rd Resurf/Reconst	-	-	450,000	-
STR0015:CP5071 : Production Dr FDR (Tyler-Kirk)	-	-	950,000	-
STR0021:CP5070 : S. 7th Ave (Main St. to Division)	900,000	-	-	-
STR0022:CP5040 : Second & Delnor Improvements	600,000	-	-	-
STR0030:CP5085 : Kautz Rd Reconstruct	-	500,000	-	-
STR0033:CP5092 : Guardrail Repl Prairie Brdg/River	-	125,000	-	-
STR0034:CP5093 : Rpl Barrier Fence Lot H (Wind Em)	-	-	40,000	-
STR0035:CP5094 : Swenson FDR (Kirk to Kautz)	-	-	-	850,000
STR0043:CP5109 : Riverside & Moore Bike Path	-	35,000	-	-
56150-0-Design Engineering - Capital	240,000	92,556	183,590	-
BRG0009:CP5039 : Piano Factory Bridge Repairs	-	-	173,590	-
BRG0014:CP5105 : 2nd and 3rd Ave Bridge Repairs	-	37,556	-	-
BRG0015:CP5106 : Prairie St Bridge Repairs	-	20,000	-	-
PSV0001:CP5037 : Main St Bridge Alcove Repairs	-	20,000	-	-
STR0003:CP5032 : Aintree Rd Resurf/Reconst	-	5,000	-	-
STR0015:CP5071 : Production Dr FDR (Tyler-Kirk)	-	10,000	-	-
STR0030:CP5085 : Kautz Rd Reconstruct	240,000	-	-	-
STR0035:CP5094 : Swenson FDR (Kirk to Kautz)	-	-	10,000	-
56160-0-Construction Engineering - Capital	135,519	215,000	226,556	248,800
BRG0009:CP5039 : Piano Factory Bridge Repairs	-	-	-	154,300
BRG0014:CP5105 : 2nd and 3rd Ave Bridge Repairs	-	-	37,556	-
BRG0015:CP5106 : Prairie St Bridge Repairs	-	15,000	-	-
STR0003:CP5032 : Aintree Rd Resurf/Reconst	-	-	54,000	-
STR0015:CP5071 : Production Dr FDR (Tyler-Kirk)	-	-	100,000	-
STR0021:CP5070 : S. 7th Ave (Main St. to Division)	96,000	-	-	-
STR0022:CP5040 : Second & Delnor Improvements	39,519	-	-	-
STR0030:CP5085 : Kautz Rd Reconstruct	-	200,000	-	-
STR0035:CP5094 : Swenson FDR (Kirk to Kautz)	-	-	-	94,500
TRF0001:CP5013 : Campton/Peck Traffic Signals	-	-	35,000	-

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
56170-0-Other Engineering Services - Capital	20,000	385,740	30,000	20,000
BRG0009:CP5039 : Piano Factory Bridge Repairs	-	250,740	-	-
STR0003:CP5032 : Aintree Rd Resurf/Reconst	-	-	10,000	-
STR0014:CP5072 : Patricia FDR (ViaVeneto E-Divisn)	-	-	-	-
STR0015:CP5071 : Production Dr FDR (Tyler-Kirk)	-	-	20,000	-
STR0021:CP5070 : S. 7th Ave (Main St. to Division)	10,000	-	-	-
STR0022:CP5040 : Second & Delnor Improvements	10,000	-	-	-
STR0023:CP5017 : Street Rating Evaluation	-	65,000	-	-
STR0025:CP5082 : Citywide Bike Plan	-	70,000	-	-
STR0035:CP5094 : Swenson FDR (Kirk to Kautz)	-	-	-	20,000
56200-0-Structures and Improvements	200,000	48,000	475,372	600,000
BRG0009:CP5039 : Piano Factory Bridge Repairs	-	-	-	450,000
BRG0012:CP5078 : Red Gate Bridge Painting Repairs	-	-	225,000	150,000
BRG0014:CP5105 : 2nd and 3rd Ave Bridge Repairs	-	-	250,372	-
BRG0015:CP5106 : Prairie St Bridge Repairs	-	48,000	-	-
PSV0005:CP5079 : West Side Salt Dome Roof Repl	200,000	-	-	-
56208-0-St. Light/Traffic Signal Capital	175,000	175,000	650,000	-
ELE0048:CP5098 : LED Streetlight Retrofits	175,000	175,000	350,000	-
TRF0001:CP5013 : Campton/Peck Traffic Signals	-	-	300,000	-
56301-0-Capitalized Software	-	-	216,250	-
INT0002: 11002 : Work Order Project	-	-	216,250	-
513501-Capital Projects-Storm	1,679,196	3,566,829	2,083,954	1,348,329
56100-0-Land	87,713	-	-	-
STM0001:CP5704 : 7th Ave Creek Imp-Prop Acq/Demo	87,713	-	-	-
56101-0-Land Improvements	1,319,876	3,282,067	1,876,855	1,266,717
STM0001:CP5704 : 7th Ave Creek Imp-Const	886,876	3,104,067	1,415,005	1,031,837
STM0010:CP5732 : 1336 IL31 Culvert Ext/Sidewlk Imp	3,000	3,000	-	-
STR0001:CP5700 : MFT Annual Resurf Program-Storm	180,000	175,000	175,000	175,000
STR0003:CP5032 : Aintree Rd Resurf/Reconst	-	-	22,500	-
STR0027:CP5760 : Tyler Road Basin	-	-	200,000	-
STR0015:CP5071 : Production Dr FDR (Tyler-Kirk)	-	-	64,350	-
STR0022:CP5723 : Second & Delnor Improvements	250,000	-	-	-
STR0035:CP5094 : Swenson FDR (Kirk to Kautz)	-	-	-	59,880
56150-0-Design Engineering - Capital	183,718	35,000	95,083	-
STM0001:CP5704 : 7th Ave Creek Imp-DE	183,718	-	95,083	-
STR0027:CP5760 : Tyler Road Basin	-	35,000	-	-
56160-0-Construction Engineering - Capital	87,889	249,762	112,016	81,612
STM0001:CP5704 : 7th Ave Creek Imp-CE	70,389	246,362	112,016	81,612
STM0010:CP5732 : 1336 IL31 Culvert Ext/Sidewlk Imp	3,400	3,400	-	-
STR0022:CP5723 : Second & Delnor Improvements	14,100	-	-	-
513511-Capital Projects-Special Svcs	985,000	867,000	3,930,000	476,000
56002-0-Machinery and Equipment	43,000	122,000	15,000	15,000
FAC0023:CP5845 : Snow Removal Equipment	15,000	15,000	15,000	15,000
PSV0020:CP5863 : Pull on V-Box V1794	-	35,000	-	-
PSV0021:CP5864 : Automated Brine Maker	28,000	-	-	-
PSV0022:CP5865 : Trailer Mounted Brine Tank	-	35,000	-	-
PSV0023:CP5866 : Hydraulic Breaker V1912	-	17,000	-	-
PSV0024:CP5867 : Large Steel Flat Saw	-	20,000	-	-
56101-0-Land Improvements	30,000	-	3,000,000	48,000
FAC0028:CP5851: Century Station Land Improve	-	-	-	48,000
RIV0001:CP5812: Fox River Retaining Wall Replce DE	-	-	3,000,000	-
RIV0005:CP5857 : Langum Park River Corridor	30,000	-	-	-

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
56150-0-Design Engineering - Capital	20,000	300,000	-	-
FAC0033:CP5858: Fleet Roof Replacement	20,000	-	-	-
PSV0025:CP5868 : Welcome Signs - Main Street	-	-	-	-
RIV0001:CP5812: Fox River Retaining Wall Replce DE	-	300,000	-	-
56160-0-Construction Engineering - Capital	-	-	340,000	-
RIV0001:CP5812: Fox River Retaining Wall Replce CE	-	-	340,000	-
56170-0-Other Engineering Services - Capital	60,000	20,000	-	-
FAC0035:CP5855: PW Facility Arc Flash	30,000	-	-	-
FAC0037:CP5861: PW Facility Storage	30,000	-	-	-
RIV0001:CP5812 : Fox River Retaining Wall Replce CE	-	20,000	-	-
56200-0-Structures and Improvements	832,000	325,000	575,000	413,000
FAC0003:CP5813 : PW Roof Replacement	-	-	-	175,000
FAC0005:CP5815 : PW Admin Bldg Roof Maintenance	-	-	200,000	-
FAC0006:CP5816 : IDOT Facility Roof Repairs	-	-	-	200,000
FAC0007:CP5817 : Century Station Roof Maintenance	-	200,000	-	-
FAC0018:CP5839 : Century Station Elevator Modem	-	-	75,000	-
FAC0027:CP5850 : Century Station Front Entrance	-	-	-	38,000
FAC0029:IN2014 : Fuel Island Rehab	372,000	-	-	-
FAC0031:CP5854 : Carpet Repl City Hall	-	-	60,000	-
FAC0032:CP5852 : Security Entrance City Hall	50,000	50,000	-	-
FAC0033:CP5858 : Fleet Roof Replacement	250,000	-	-	-
FAC0034:CP5862 : PW Garage Spray Foam	-	-	165,000	-
FAC0036:CP5856 : PW Facility Garage Doors	40,000	-	-	-
FAC0038:CP5859 : Fire Station 2 Kitchen	-	75,000	-	-
FAC0039:CP5860 : Fire Station 3 Kitchen	-	-	75,000	-
FAC0039:CP5869 : 1st St Parking Deck Improvements	120,000	-	-	-
56201-0-Remodeling and Renovation	-	100,000	-	-
FAC0023:CP5870 : HR Office Design/Relocation	-	100,000	-	-
513600-Capital Projects-Community Dev	-	540,140	490,000	1,205,000
55202-0-Other Governmental Taxes and Fees	-	490,000	490,000	490,000
CP6003 : IGA Randall Rd/Woodward Rd Imp	-	490,000	490,000	490,000
56301-0-Capitalized Software	-	50,140	-	715,000
CP6001 : City View Electronic Plans Review	-	50,140	-	-
CP2006 : CD Permitting Software Repl	-	-	-	715,000
Total Capital Projects	\$ 5,641,567	\$ 8,489,415	\$ 10,958,672	\$ 4,851,879
Capital Projects Debt Service	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Grand Total Expenditures Capital Projects	\$ 5,741,567	\$ 8,589,415	\$ 11,058,672	\$ 4,951,879

Funding:

Bonded Projects	\$ 2,376,383	\$ 4,390,939	\$ 8,857,794	\$ 3,232,129
Grants	761,932	865,230	-	-
Video Gaming Revenue	155,000	155,000	157,000	159,000
Other Funding Sources	75,000	25,000	25,000	25,000
Reimbursements for Active River (30%)	-	-	-	-
Transfer From General Fund	2,363,252	3,143,246	2,008,878	1,525,750
Interest Income	10,000	10,000	10,000	10,000
Total Funding	\$ 5,741,567	\$ 8,589,415	\$ 11,058,672	\$ 4,951,879

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
Equipment Replacement Fund				
520200-IT Equipment Replacement	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
56004-0-Computer Equipment	100,000	100,000	100,000	100,000
CO2000 : Computer Replacement Purchases	100,000	100,000	100,000	100,000
Total Equipment Replacement	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

Inventory Fund				
800223-Inventory	\$ -	\$ -	\$ -	\$ 58,000
56001-0-Motor Vehicles - Replacements	-	-	-	58,000
IN2003 : Repl 1714 Nissan Forklift	-	-	-	58,000
Total Inventory	\$ -	\$ -	\$ -	\$ 58,000

Motor Vehicle Replacement				
801300-Motor Vehicle-Police	\$ 33,000	\$ -	\$ 145,000	\$ 182,000
56001-0-Motor Vehicles - Replacements	33,000	-	145,000	182,000
MV3034 : Repl 1841 2011 Crown Vic (44)	33,000	-	-	-
MV3038 : Repl 1942 2016 Ford Interceptor	-	-	44,000	-
MV3041 : Repl 1988 Chevy Tahoe (PD 20)	-	-	55,000	-
MV3044 : Repl 1955 2016 Ford Interceptor	-	-	46,000	-
MV3021 : Repl 1998 2017 Ford Interceptor PD26	-	-	-	46,000
MV3039 : Repl 1984 (PD22) 2016 Ford Interceptor	-	-	-	45,000
MV3040 : Repl 1986 2016 Ford Explorer PD 23	-	-	-	45,000
MV3055 : Repl 1705 2017 Ford Interceptor PD32	-	-	-	46,000
801400-Motor Vehicle-Fire	1,251,100	-	75,600	213,700
56001-0-Motor Vehicles - Replacements	1,251,100	-	75,600	213,700
MV4023 : Repl 1728 Ladder Truck	1,251,100	-	-	-
MV4017 : Repl 1795 Ford Escape	-	-	37,800	-
MV4018 : Repl 1796 Ford Escape	-	-	37,800	-
MV4008 : Repl 1831 Brush Truck #102	-	-	-	79,500
MV4014 : Repl 1856 Chevy Tahoe	-	-	-	67,100
MV4015 : Repl 1857 Chevy Tahoe	-	-	-	67,100

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
801510-Motor Vehicle-PS-Const Svcs	547,500	650,000	1,015,000	668,500
56001-0-Motor Vehicles - Replacements	547,500	650,000	1,015,000	668,500
MV5016 : Repl 1865 2000 Cat Loader	59,000	-	-	-
MV5022 : Repl 1941 2007 IHC 7400 SFA 6x4	-	170,000	-	-
MV5023 : Repl 1943 2007 IHC 7400 SFA 6x4	170,000	-	-	-
MV5024 : Repl 1956 2008 Ford F550 V8	-	-	-	-
MV5027 : Repl 1860 2009 IHC 7400 4x2	-	168,000	-	-
MV5029 : Repl 1703 2008 Ford F350 SD	44,500	-	-	-
MV5030 : Repl 1794 2011 IHC 7400 SFA 4x2	-	-	-	171,000
MV5031 : Repl 1788 2008 Caterpillar Endloader	-	144,000	-	-
MV5032 : Repl 1825 2009 IHC 7400 6x4	224,000	-	-	-
MV5033 : Repl 1828 2009 IHC 7400 4x2	-	168,000	-	-
MV5034 : Repl 1775 2011 Ford F550 Dump	-	-	92,000	-
MV5035 : Repl 1793 2011 IHC 7400 6x4	-	-	173,000	-
MV5037 : Repl 1871 2009 Case 435 Skidsteer	-	-	58,000	-
MV5038 : Repl 1873 2009 Case 435 Skidsteer	-	-	-	48,000
MV5050 : Repl 1921 2015 JD Backhoe	-	-	-	115,500
MV5051 : Repl 1880 2012 Whirlwind Sweeper Yr2002	-	-	290,000	-
MV5052 : Repl 1815 2004 JD Snow Tractor	-	-	-	-
MV5053 : Repl 1822 2007 JD Snow Tractor	50,000	-	-	-
MV5702 : Repl 2172 TV Trailer	-	-	210,000	-
MV5704 : Repl 1713 2008 Ford F350SD	-	-	-	-
MV5707 : Repl 1759 2011 JD Backhoe	-	-	124,000	-
MV5708 : Repl 1708 2017 Sewer Cleaner	-	-	-	165,000
MV5000 : Repl 1876 2011 JD Wheel Loader	-	-	-	169,000
WW6022 : Repl 1864 2009 Ford F550 4X4	-	-	68,000	-
801511-Motor Vehicle-PS-Special Svcs	-	71,000	-	94,000
56001-0-Motor Vehicles - Replacements	-	71,000	-	94,000
MV5802 : Repl 1743 2006 Ford F350	-	71,000	-	-
MV5805 : Repl 1817 2011 Kubota Mini-Sweeper	-	-	-	94,000
801512-Motor Vehicle-Fleet Services	-	-	23,400	-
56001-0-Motor Vehicles - Replacements	-	-	23,400	-
FL5006 : Repl 1814 2011 Ford F150	-	-	23,400	-
801600-Motor Vehicle-Comm Develop	-	-	-	131,000
56001-0-Motor Vehicles - Replacements	-	-	-	131,000
MV6003 : Repl 1725 2008 Ford Escape	-	-	-	39,000
MV6004 : Repl 1732 2011 Ford Escape	-	-	-	29,100
MV6005 : Repl 1810 2013 Ford Escape	-	-	-	31,400
MV6006 : Repl 1835 2013 Ford Escape	-	-	-	31,500
Total Motor Vehicle Fund	\$ 1,831,600	\$ 721,000	\$ 1,259,000	\$ 1,289,200

City of St. Charles
Capital Improvements Budget Detail

	Proposed FY 20/21	Projected FY 21/22	Projected FY 22/23	Projected FY 23/24
Communications Fund				
804530-Communications-Fiber	\$ 217,000	\$ 283,500	\$ 10,000	\$ 10,000
56002-0-Machinery and Equipment	47,000	10,000	10,000	10,000
COM0003:CO3004 : PW Facility Key Scan	32,000	10,000	10,000	10,000
COM0005:CO3023 : Replace Splice Machine	15,000	-	-	-
56213-0-Fiber Optic System	170,000	273,500	-	-
COM0001:CO3000 : River Crossing Fiber	20,000	-	-	-
COM0012:CO3036 : Sub 2 to North High School	150,000	150,000	-	-
COM0018:CO3042: Sub 6 to Sub 8 via Route 38	-	123,500	-	-
Total Communications Fund	\$ 217,000	\$ 283,500	\$ 10,000	\$ 10,000

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name 2nd Avenue and Delnor Avenue Improvements Date 15-Jan-20
 Department/Division Public Works Department - Engineering Division Revised Date _____
 Account Number 513500-56101-CP5040 Project Number STR0030
 Project Type New Project Replacement Maintenance Operations Capital Prepared By KJ
 Previously Expended Funds \$ 190,840

Project Scope/Description:

(Please add additional narrative/pictures on next page):

The 2nd Avenue and Delnor Avenue Improvements project includes the full replacements of sanitary sewer main, water main and storm sewers, as well as the reconstruction of the roadway. Due to the wooded nature of the subdivision, narrow roadways and singular access point, the project will utilize directional drilling methods for installation of the water main and pipe bursting methods for replacement of the sanitary sewer main.

Justification:

2nd Avenue and Delnor Avenue are two City roadways that are in poor condition and are undersized, narrowing to widths less than sixteen feet wide in some locations. The existing sanitary sewer is failing, and in some locations the pipe is nearing collapse. Complicating matters is the fact that the sanitary sewer main lies in side yard easements within a heavily forested area. This means that any pipe failures will require the City to clear cut a large quantity of privately owned trees.

The existing water main has had repeated main breaks and is reaching the end of its useful life.

The pavement was last resurfaced in 1999 and has a surface condition rating of 44 on a scale of 10-100, ranking in "Poor" condition. The pavement surface ranks as the 6th worst section in the City (out of 724.)

Impact on Future Operating Budgets:

There are no budgetary impacts to future operating budgets. It is anticipated that future operating expenses in this area will decrease, as water main breaks will be greatly reduced and the pavement section will no longer need temporary repairs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering - 56150					-
Land Acquisition - 56100					-
Construction - 56101	1,913,180				1,913,180
Construction Engineering - 56160	140,776				140,776
Quality Assurance Testing - 56170	10,000				10,000
					-
					-
Previously Expended Funds - Ph I & II DE					190,840
Total Project Costs by Year	\$ 2,063,956	\$ -	\$ -	\$ -	\$ 2,254,796

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	794,609				794,609
Wastewater Revenues	795,021				795,021
Water Revenues	474,326				474,326
					-
					-
Previously Identified Funding					190,840
Total Project Costs by Year	\$ 2,063,956	\$ -	\$ -	\$ -	\$ 2,254,796

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



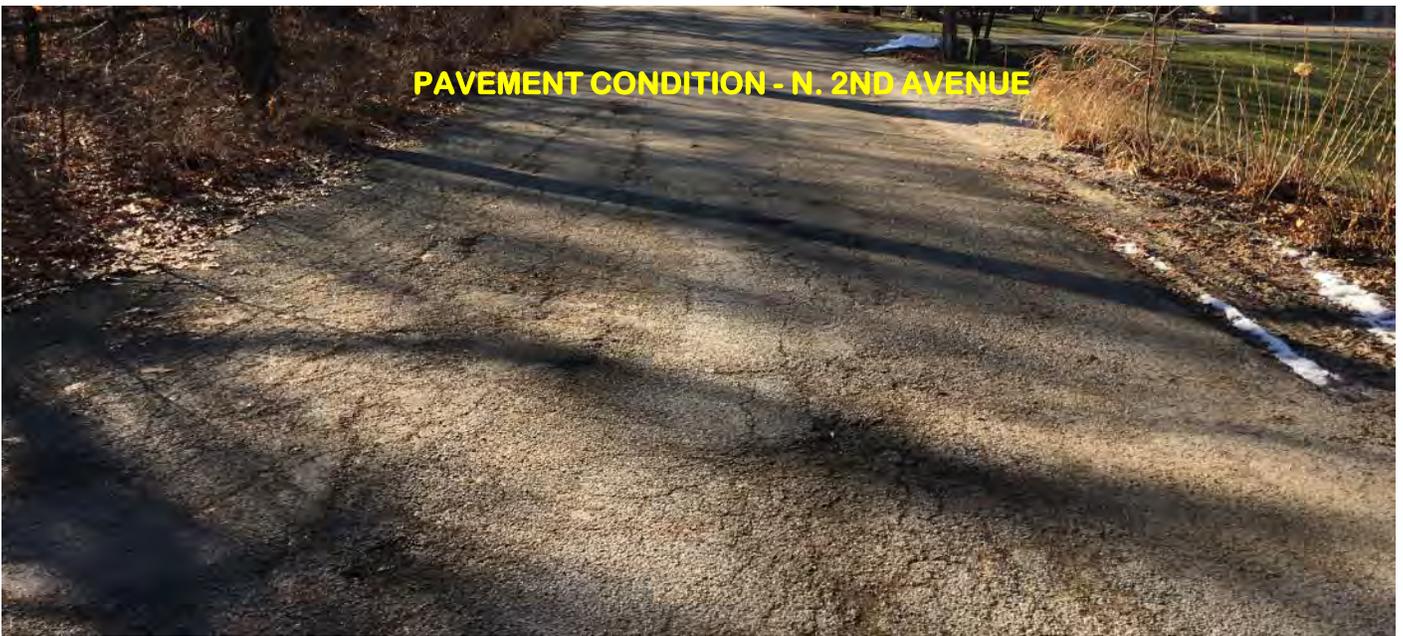
Distance: 10.4 ft. Grade: 5
 Condition: Broken Pipe Soil Visible
 Remarks: N/A



Distance: 127.7 ft. Grade: 4
 Condition: Deformed Horizontal
 Remarks: N/A



PAVEMENT CONDITION - N. 2ND AVENUE



PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Seventh Avenue Creek Project - Phase 2 Date 16-Jan-20
 Department/Division Public Works Department - Engineering Division Revised Date _____
 Account Number 513501-56101-CP5704 Project Number STM0001
 Project Type New Project Replacement Maintenance Prepared By KJ
 Operations Capital Previously Expended Funds \$ 3,627,451

Project Scope/Description:

(Please add additional narrative/pictures on next page):

Phase 2 of the 7th Avenue Creek Project spans from Washington Avenue to the Fox River. This phase includes culvert replacements underneath Madison Avenue, Fern Avenue, Ronzheimer Avenue and Riverside Avenue, as well as the culvert lining of the John Deutsch Drive culvert and the dual culverts under S. 7th Avenue.

Phase 2 proposed construction schedule:
 FY 2023: Replacement of culverts at Fern, Ronzheimer and Riverside.
 FY 2024: Replacement of culvert at Madison

Justification:

In 2008, 7th Avenue Creek experienced significant flooding. The flooding caused large scale property damage and street flooding. The 2008 flood kicked off a series of events, including the Federal Emergency Management Agency’s (FEMA’s) floodway and floodplain re-mapping process and the City’s plan to reduce and/or eliminate flooding within the 7th Avenue Creek watershed.

FEMA has modeled a new floodplain, which as of 2018, is in its final stages of development and approval. The new floodplain maps may become effective as soon as 2019, mapping 55 residences and 15 commercial structures into the floodplain or floodway.

The City completed development of a Master Plan in 2017, which outlines a construction project for the 7th Avenue Creek watershed that will not only remove all of the structures from the floodplain, but will also provide naturalized greenway areas along the creek, increasing water quality and restoring the creek to a natural state. In addition to the master plan, the City developed a Watershed Plan for 7th Avenue Creek (in conjunction with State Street Creek). This plan addresses stakeholder concerns within the watershed and provides recommendations of ways that water quality can be improved.

Phase 2 of the 7th Avenue Creek master plan will remove 24 structures from the floodplain, reducing the total structures remaining in the 7th

Impact on Future Operating Budgets:

Phase 2 will not have any future operating budget impacts.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering - 56150	126,703		95,083		221,786
Land Acquisition - 56100	87,713				87,713
Construction - 56101			1,415,055	1,031,837	2,446,892
Construction Engineering - 56160			112,016	81,612	193,628
					-
					-
					-
Previously Expended Funds					3,627,451
Total Project Costs by Year	\$ 214,416	\$ -	\$ 1,622,154	\$ 1,113,449	\$ 6,577,470

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	214,416		1,622,154	1,113,449	2,950,019
					-
					-
					-
Previously Identified Funding					3,627,451
Total Project Costs by Year	\$ 214,416	\$ -	\$ 1,622,154	\$ 1,113,449	\$ 6,577,470

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):





Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name 7th Avenue Creek Relocations Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56206-Various Project Number _____
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By TB Previously Expended Funds \$ -

Project Scope/Description:
(Please add additional narrative/pictures on next page):

These funds are used to relocate our overhead facilities in conjunction with the 7th Avenue Creek project. Electric Engineering is coordinating with PW Engineering to execute the project.

Justification:

The Electric Utility facilities are in easement or ROW and are subject to relocation when the City requires such.

Impact on Future Operating Budgets:

Minimal, but will be more a reduction Having new facilities tends to have positive effect on future operating costs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
7th Avenue Creek relocations	150,000				150,000
Next phase		100,000			100,000
			-		-
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 150,000	\$ 100,000	\$ -	\$ -	\$ 250,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Advanced Metering Infrastructure (AMI) - Electric and Water Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200522 & 210542 - 56004 & 56170 Project Number EL9010 & WA7004
 Project Type New Project Replacement Maintenance Prepared By TB
 Operations Capital Previously Expended Funds \$ _____ -

Project Scope/Description:
(Please add additional narrative/pictures on next page):

The City's metering and meter reading infrastructure is at the point where they are failing and not meeting customer service expectations. Metering is an obvious critical component in the revenue streams for the Electric, Water, and Sanitary Sewer utilities. One meter reading system (Radix) has recently completely failed, and another one is not being supported by the manufacturer any longer. This project will modernize the way that meters are read, and will cause the replacement of 100% of the electric meters and a large percentage of the water meters.

Justification:

There are a number of reasons this project is important. Our new utility billing system will have the capabilities to offer new rates and services that AMI can support/compliment. Customers are expecting advanced rates and more access to their consumption data. AMI also makes possible our ability to improve our outage management system (OMS) and provide water leak detection alerts to our customers. Operationally, it will eliminate a number of rudimentary staff tasks, such as going out to read meters when a customer moves in or out, going out in the field to verify a questionable meter reading, and sending staff out in the field to disconnect a customer for non-payment. Additionally, the City will be able to survey our lead services, and ensure that all City water meters are no-lead. Staff is preliminarily budgeting for a 3 year deployment, with contracted project management.

Impact on Future Operating Budgets:

There will be offsetting savings and costs. On the savings side, new metering will be more accurate than the old resulting in revenue increases. There will be a component of staff savings but it is unclear how much AMI communication system infrastructure maintenance will offset the reductions in some of the currently manual operational tasks. There will be software maintenance increases, but those will be offset by elimination of support on existing systems. The annual wages related to Meter Readers will also be eliminated. The future impact will be known as part of the AMI RFP process, and will be part of the eventual recommendation for purchase order.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric AMI	1,500,000	1,500,000	1,500,000		4,500,000
Electric Contribution to Implementation Contractor	200,000	200,000	200,000		600,000
Water AMI	1,500,000	1,500,000	1,500,000		4,500,000
Water Contribution to Implementation Contractor	200,000	200,000	200,000		600,000
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 3,400,000	\$ 3,400,000	\$ 3,400,000	\$ -	\$ 10,200,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
Total Project Costs by Year	\$ -				

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Electric Cable Replacement Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56206-C261115cir Project Number _____
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By TB Previously Expended Funds \$ -

Project Scope/Description:
(Please add additional narrative/pictures on next page):

These funds are used to replace aged underground primary cables. The City's distribution system is over 80% underground and there is a statistical number of feet that need to be replaced on an annual basis. Electric Engineering are constantly using any outages or any emergent data to prioritize and re-prioritize what sections need to be replaced. Most single phase residential subdivisions have been either replaced or cable injected to extend their life. Note that the out-year budget amounts are placeholder estimates only. Electric Engineering will identify targeted projects for the next fiscal year each December.

Justification:

Cable faults have major impacts on system reliability, and this program over the years has had a noticeable, measureable, significant impact on reducing customer outage minutes.

Impact on Future Operating Budgets:

Minimal, but will be more a reduction. Reduced cable faults has positive effect on future operating costs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Single Phase Residential Replacements	100,000	300,000	300,000	300,000	1,000,000
Mainline/Station Exit Replacements	200,000	200,000	200,000	200,000	800,000
			-		-
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 300,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 1,800,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
Total Project Costs by Year					
	\$ -	\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Distribution Switchgear and Transformer Replacements Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56206-Various Project Number _____
 Project Type New Project Replacement Maintenance Prepared By TB
 Operations Capital Previously Expended Funds \$ _____ -

Project Scope/Description:
(Please add additional narrative/pictures on next page):

These funds are used to replace aged underground switchgear and transformers on the distribution system. With many hundreds of switchgear and thousands of transformers, there is a statistical percentage that need to be replaced each year. The last two Elliot switchgear are pending imminent retirement at Dukane, but the 80's vintage S&C's are taking their place as a reliability risk. Through our asset management efforts, Electric Engineering has been prioritizing transformer and switchgear replacements, with modifications to the plan based on failures. Note that future years are placeholders, Electric Engineering will adjust as priorities change.

Justification:

Switchgear and transformers have significant impact on reliability and need to be replaced as they age beyond their useful life.

Impact on Future Operating Budgets:

Minimal, but will be more a reduction. Reduced unplanned failures have positive effect on future operating costs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Transformer Replacements	200,000	200,000	200,000	200,000	800,000
Switchgear Replacements	160,000	160,000	160,000	160,000	640,000
			-		-
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 360,000	\$ 360,000	\$ 360,000	\$ 360,000	\$ 1,440,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Electric SCADA Enhancements EMAP/OMS/CVR Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56203-TBD Project Number _____
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By TB Previously Expended Funds \$ 12,000

Project Scope/Description:
(Please add additional narrative/pictures on next page):

This project will expand on our successful SCADA system with Open Systems International (OSI). This three phase project will first modernize our mapping system by creating a geographical based system model of our substation and distribution systems, down to the individual meters. The second phase, currently in FY22, is that Advanced Metering Infrastructure (AMI) meters would be linked to the system in develop an Outage Management System (OMS). The last phase would be integrating all AMI meters to automate the system and deploy Conservation Voltage Reduction (CVR) and capacitor bank control.

Justification:

Enhancing available technology by leveraging our SCADA system has operational, reliability, customer service, sustainability, and cost improvement goals. First, by modeling the substation and transmission grids, the real-time load flows and system configuration will be accessible to Engineering and Operations. Abnormal system configurations will be visible to all office and field employees. Engineering planning activities will be more scientifically based with real data. In the second phase, OMS will be deployed using the in stalled AMI meters. The goal is to have the meters communicate outage issues to the utility, speeding up response and improving customer service. Customers will not need to call in to report an outage. The third phase is CVR, where the SCADA system will optimize 12kV system volta ge to reduce energy purchases. The expectation is that the City would reduce their purchases from IMEA by approximately 1%, and our custo mers would purchase less from the City. This is a significant energy efficiency project that directly relates to our sustainability goa ls.

Note a single circuit pilot of the modeling function was commissioned in early 2020 within the FY19 budge (\$12,000). This pi lot is to insure that the transition of our assets from GIS can transfer into the OSI EMAP software.

Impact on Future Operating Budgets:

Estimated \$60,000 in annual software maintenance. Additionally, CVR will reduce our IMEA power purchases, but will also reduce our revenues from sales.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
EMAP	250,000	-	-	-	250,000
OMS		200,000			200,000
CVR			200,000		200,000
					-
					-
					-
					-
Previously Expended Funds	12,000				12,000
Total Project Costs by Year	\$ 262,000	\$ 200,000	\$ 200,000	\$ -	\$ 662,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					12,000
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ 12,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Overhead System Reinforcement Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56206-Various Project Number _____
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By TB Previously Expended Funds \$ _____ -

Project Scope/Description:
(Please add additional narrative/pictures on next page):

These funds are used to replace overhead system poles and wires. The City has contracted with Hooper Corporation to have a three-man crew on site for the entire fiscal year. The crew has completed the worst of the poles that failed Osmose testing, and have moved into the next tier of failed poles. Along they way, they are guided by Engineering to replace other wire or transformers that are reliability risks while they are in a certain area. At current pace, the crew will be needed to support Line staff for FY20 and half of FY21, at which point we can go into normal maintenance mode. Electric Engineering continuously looks for opportunities as we work on the overhead system to do overhead to underground conversions.

Justification:

The reinforcement of the overhead is a big part of the City's reliability success over the last 2 years.

Impact on Future Operating Budgets:

Minimal, but will be more a reduction Reduced unplanned failures have positive effect on future operating costs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Overhead Reinforcement	1,200,000	500,000	100,000	100,000	1,900,000
Overhead to Underground	100,000	100,000	100,000	100,000	400,000
			-		-
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 1,300,000	\$ 600,000	\$ 200,000	\$ 200,000	\$ 2,300,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Electric Reimbursable Projects Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56205-TBD Project Number _____
 Project Type New Project Replacement Maintenance Prepared By TB
 Operations Capital Previously Expended Funds \$ -

Project Scope/Description:
(Please add additional narrative/pictures on next page):

This project funding will be used to cover the expense side of new business projects, which are offset by revenue from the developers. Putting this funding into the budget reduces administration time and expense in doing budget adds every time a billable customer projects comes in. For FY20, we are anticipation \$200,000 of emergent projects and \$100,000 for the next phase of Prairie Center.

Justification:

Reimbursable work is required to meet customer demands for service.

Impact on Future Operating Budgets:

Minimal. Each new development adds to our distribution system creating future maintenance needs; however, the incremental additions to the system related to this level of project will not have meaningful impact on future maintenance expenses or future capital replacements.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Emergent New Business Projects	200,000	200,000	200,000	200,000	800,000
Prairie Center	100,000	-			100,000
			-		-
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 900,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name City Hall Substation 12kV Bus Expansion Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56203-C111902300 Project Number _____
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By TB Previously Expended Funds \$ 30,000

Project Scope/Description:
(Please add additional narrative/pictures on next page):

Design and build an expansion of the City Hall Substation 12kV bus improve reliability by eliminating "double lugged" circuits where two circuits share the same recloser and a problem on one of them causes an interruption for both. Engineering completed in FY20, construction in FY21.

Justification:

Double lugged circuits are an electric utility reliability challenge. Every outage impacts twice as many customers compared to each circuit having its own recloser. Additionally, it is difficult to explain to customers on one side of the river that a problem on the other side of the river is the reason they experienced an interruption. This strategy has been successful in improving reliability at Dukane Drive Substation.

Impact on Future Operating Budgets:

Minimal. The project will add six reclosers to the system, but the annual maintenance on them is minimal and the life expectancy is 20 years.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Engineering		-	-	-	-
Construction	600,000				600,000
					-
					-
					-
					-
Previously Expended Funds	30,000				30,000
Total Project Costs by Year	\$ 630,000	\$ -	\$ -	\$ -	\$ 630,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					30,000
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Replace Transmission Line 13156 Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56204-TBD Project Number _____
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By TB Previously Expended Funds \$ _____ -

Project Scope/Description:
(Please add additional narrative/pictures on next page):

This project will replace 20+ year old cross linked polyethylene (XLPE) insulated cable with our current standard Ethylene Propylene Rubber (EPR) insulated cable. This transmission line extends from Kirk Road and the Bike Path in Geneva, north into Dukane Drive Substation. This line feeds one third of Dukane Drive Substation and 539 mostly commercial and industrial customers in the southeast quadrant of the City. The project will include pulling cable in an existing conduit system. This cost is an estimate and is dependent upon copper pricing at the time of cable purchase.

Justification:

Our transmission lines have the largest impact on our system reliability. This line was put in over 20 years ago and is of a previous construction type that is not as well revered for longevity as our current EPR standard. While this line has not experienced any faults, due to the cost and that it takes months to procure cable and replace a line, the City can not afford to run this asset to failure.

Impact on Future Operating Budgets:

None - cable should be good for 40 years. In FY21, the old cable should be pulled out and scrapped; however, the scrap value will exceed the labor cost to remove it.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Cable Procurement & installation	1,750,000	-	-	-	1,750,000
		-			-
			-		-
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 1,750,000	\$ -	\$ -	\$ -	\$ 1,750,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Unplanned Distribution System Failures Date 11-Jan-20
 Department/Division PW-Electric Revised Date _____
 Account Number 200521 - 56206-Various Project Number _____
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By TB Previously Expended Funds \$ _____ -

Project Scope/Description:
 (Please add additional narrative/pictures on next page):

These funds are used to replace failed distribution system items that fail prior to proactive replacement. These \$300,000 is a historical average of miscellaneous failure items and will not be used if they aren't needed.

Justification:

Statistically, items on the system will fail. This budget item allows the utility to replace failures when they occur.

Impact on Future Operating Budgets:

Minimal, but will be more a reduction Having new facilities tends to have positive effect on future operating costs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Miscellaneous Distribution Failures	300,000	300,000	300,000	300,000	1,200,000
					-
					-
					-
					-
					-
					-
Previously Expended Funds	-				-
Total Project Costs by Year	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,200,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt					
Electric Revenues					
					-
Previously Identified Funding					-
<i>Total Project Costs by Year</i>					
	\$ -	\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name City Hall Security Enhancements Date 15-Jan-20

Department/Division Public Works / Public Services Revised Date _____

Account Number 513511-56200 Project Number CP5852

Project Type New Project Replacement Maintenance Prepared By AJ Reineking

Operations Capital Previously Expended Funds _____

Project Scope/Description:

(Please add additional narrative/pictures on next page):

This project is a continuation of the security enhancements at City Hall. Such projects will include card access to various sites, landscaping enhancements, exterior barrier placement, and potentially podium/work station reinforcement.

Justification:

In light of trends across the country of violence aimed a public buildings, staff has been directed to take steps to secure City Hall to reduce the potential impact of violence should St. Charles be the target of such a tragic cicumstance.

Impact on Future Operating Budgets:

This project, cumulatively, is the compilation of a series of smaller projects. Each project is stand-alone and will not require additional maintenance once completed.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Construction	100,000	-	-	-	100,000
					-
					-
					-
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	100,000				100,000
					-
					-
					-
Previously Identified Funding					-
<i>Total Project Costs by Year</i>	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name 2nd Avenue and Delnor Avenue Improvements Date 15-Jan-20
 Department/Division Public Works Department - Engineering Division Revised Date _____
 Account Number 513500-56101-CP5040 Project Number STR0030
 Project Type New Project Replacement Maintenance Operations Capital Prepared By KJ
 Previously Expended Funds \$ 190,840

Project Scope/Description:

(Please add additional narrative/pictures on next page):

The 2nd Avenue and Delnor Avenue Improvements project includes the full replacement of sanitary sewer main, water main and storm sewers, as well as the reconstruction of the roadway. Due to the wooded nature of the subdivision, narrow roadways and singular access point, the project will utilize directional drilling methods for installation of the water main and pipe bursting methods for replacement of the sanitary sewer main.

Justification:

2nd Avenue and Delnor Avenue are two City roadways that are in poor condition and are undersized, narrowing to widths less than sixteen feet wide in some locations. The existing sanitary sewer is failing, and in some locations the pipe is nearing collapse. Complicating matters is the fact that the sanitary sewer main lies in side yard easements within a heavily forested area. This means that any pipe failures will require the City to clear cut a large quantity of privately owned trees.

The existing water main has had repeated main breaks and is reaching the end of its useful life.

The pavement was last resurfaced in 1999 and has a surface condition rating of 44 on a scale of 10-100, ranking in "Poor" condition. The pavement surface ranks as the 6th worst section in the City (out of 724.)

Impact on Future Operating Budgets:

There are no budgetary impacts to future operating budgets. It is anticipated that future operating expenses in this area will decrease, as water main breaks will be greatly reduced and the pavement section will no longer need temporary repairs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering - 56150					-
Land Acquisition - 56100					-
Construction - 56101	1,913,180				1,913,180
Construction Engineering - 56160	140,776				140,776
Quality Assurance Testing - 56170	10,000				10,000
					-
					-
Previously Expended Funds - Ph I & II DE					190,840
Total Project Costs by Year	\$ 2,063,956	\$ -	\$ -	\$ -	\$ 2,254,796

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	794,609				794,609
Wastewater Revenues	795,021				795,021
Water Revenues	474,326				474,326
					-
					-
Previously Identified Funding					190,840
Total Project Costs by Year	\$ 2,063,956	\$ -	\$ -	\$ -	\$ 2,254,796

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



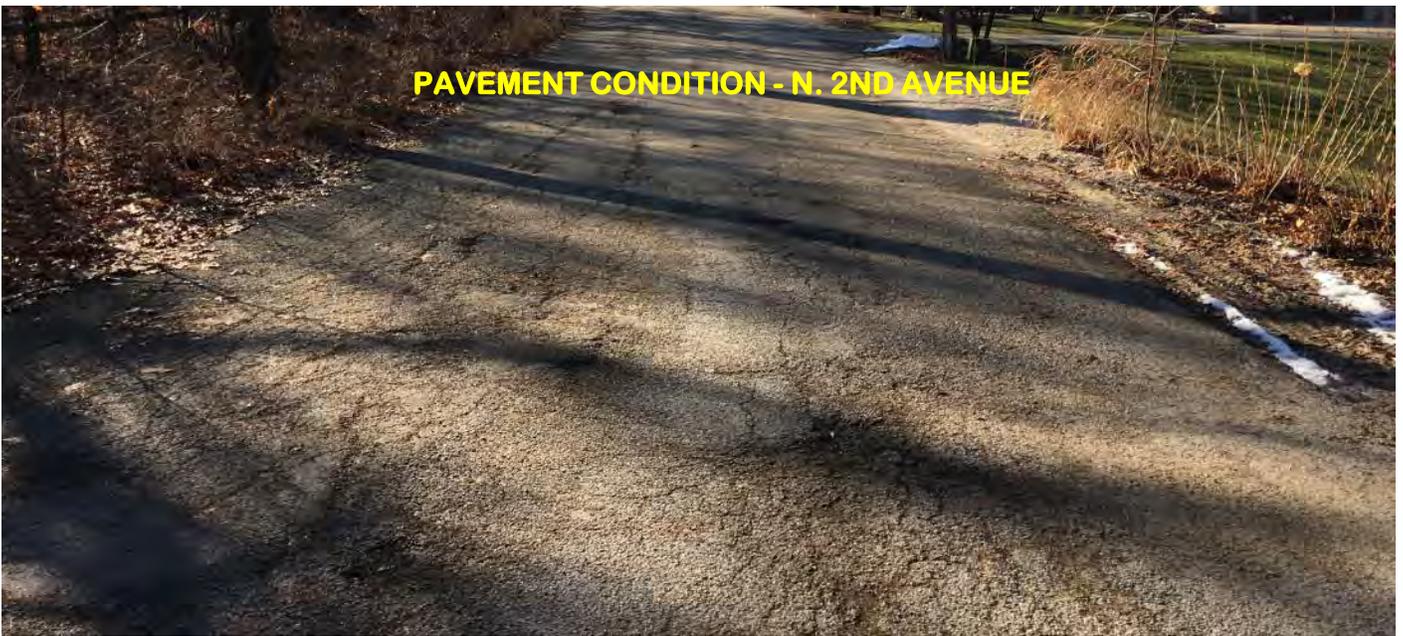
Distance: 10.4 ft. Grade: 5
 Condition: Broken Pipe Soil Visible
 Remarks: N/A



Distance: 127.7 ft. Grade: 4
 Condition: Deformed Horizontal
 Remarks: N/A



PAVEMENT CONDITION - N. 2ND AVENUE



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name LED Streetlight Retrofits Date 15-Jan-20
 Department/Division PW - Electric Revised Date _____
 Account Number 513500-562089-CP5098 Project Number _____
 Project Type New Project Replacement Maintenance Prepared By TB
 Operations Capital Previously Expended Funds \$ 330,000

Project Scope/Description:
 (Please add additional narrative/pictures on next page):

Replace existing high pressure sodium streetlighting throughout the City with LED.

Justification:

Streetlighting is important for public safety for motorists and pedestrians. LED lighting is at least a 50% reduction in the annual energy and provides better quality light. This multi-year program attempts to replace approximately 400 streetlights out of the approximately 2,200 in the total fleet.

Impact on Future Operating Budgets:

The LED lights are warrantied for at least 10 years of operation and it is expected that our maintenance replacement costs (for bulbs/ballasts) will shrink significantly as new LED's are deployed. Additionally, the general fund cost for streetlighting, currently approximately \$250,000 annually, should drop year after year to approximately \$125,000 when the program is mostly completed.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
LED Roadway Lightinig	175,000	175,000	-	-	350,000
Pedestrian Lighthing			350,000		350,000
					-
					-
					-
					-
Previously Expended Funds					330,000
Total Project Costs by Year	\$ 175,000	\$ 175,000	\$ 350,000	\$ -	\$ 1,030,000

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Enterprise Application Strategy Date 30-Dec-19
 Department/Division PMO Revised Date _____
 Account Number General and Enterprise Funds Project Number 11002 - 11003 - CP2006 - CP2202 - CP2204
 Project Type New Project Replacement Maintenance Prepared By MD
 Operations Capital Previously Expended Funds \$ 120,000

Project Scope/Description:
 (Please add additional narrative/pictures on next page):

Strategic initiative to evaluate options then procure services to upgrade, integrate, and/or replace core, enterprise business applications. The in-scope enterprise systems include:

- Financial and Human Resources Management
- Enterprise Asset Management
- Utility Billing / Customer Information System

Justification:

The City is at a crossroads with determining how its core financials, human resources, budgeting, and payroll solutions will be supported as Infor deploys version 11. The migration path from version 10 to 11 is not yet defined. Furthermore, it is estimated that the City may need to significantly reinvest in the Infor upgrade between these two versions as the software has been completely rewritten using a new programming code-stream.

The City's Utility Billing solution is over 20 years old and requires a replacement that will fully satisfy the City's electric, water, wastewater, refuse, and yard waste billing needs. The collection of these revenues is vital to providing fair and responsive service delivery to the City's customers. The ability for this system to interface with the City's core financials is imperative.

The City has no enterprise work order/management system, and is currently using a series of narrowly focused applications which provide a limited view of the City's asset management responsibilities. The City is seeking to evaluate and implement an enterprise asset management (EAM)/work order solution to promote the use of cost-effective, asset life-cycle management practices.

Impact on Future Operating Budgets:

The City will need to budget for annual software support (~15-20% software costs) if solutions are on-premise and/or budget ongoing expenses for cloud applications if solutions are hosted or SaaS. On-premise solutions represent a higher upfront cost then lower ongoing support and maintenance costs. Costs for hosted or SaaS solutions are typically operationalized, possibly with some relatively small upfront costs.

The City may need to hire additional staffing to fully utilize and support the selected application(s).

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Work Order/Asset Mgt. Software Implementation	-	-	865,000	-	865,000
Utility Billing Software Replacement	670,000	-	-	-	670,000
Community Development Software Replacement	-	-	-	715,000	715,000
Financial/HR/Payroll Software Replacement	200,000	870,000	268,000	-	1,338,000
Software Implementation Services	135,000	75,000	50,000	50,000	310,000
Previously Expended Funds					120,000
Total Project Costs by Year	\$ 1,005,000	\$ 945,000	\$ 1,183,000	\$ 765,000	\$ 4,018,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Issuance of Debt	-	-	-	-	-
Electric Revenues	-	-	-	-	-

Water Revenues	-	-	-	-	-
Wastewater Revenues	-	-	-	-	-
Previously Identified Funding					120,000
Total Project Costs by Year	\$ -	\$ -	\$ -	\$ -	\$ 120,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):

Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Fleet Roof Replacement Date 15-Jan-20

Department/Division Public Works / Public Services Revised Date _____

Account Number 513511-56200 Project Number CP5858

Project Type New Project Replacement Maintenance Prepared By AJ Reineking

Operations Capital Previously Expended Funds _____

Project Scope/Description:

(Please add additional narrative/pictures on next page):

This project includes the removal of the membrane and insulation on the roof over the Fleet Garage, and subsequent reinstallation of insulation up to current code and installation of a new membrane roof system.

Justification:

The current roof over the fleet garage is out of warranty and has several water penetrations resulting in leaks in the garage, over the Technician's work bay areas as well as computer stations. After several failed attempts to patch the roof, staff had **Walker Engineering** inspect the roof and conduct a moisture test of the insulation. The test found that the insulation was, in fact, saturated and the several areas of the membrane had tears or broken seams. Because the insulation is compromised, Walker did not recommend further repairs to the membrane without addressing the insulation.

Impact on Future Operating Budgets:

This will be a one-time project with the new roof having an anticipated useful life of 20-30 years.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Replacement of Roof Over Fleet Garage	250,000	-	-	-	250,000
					-
					-
					-
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Funding	250,000				250,000
					-
					-
					-
					-
Previously Identified Funding					-

<i>Total Project Costs by Year</i>	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000
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Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Fuel Island Rehabilitation Date 15-Jan-20

Department/Division Public Works / Public Services Revised Date _____

Account Number 513511-56200 Project Number IN2014

Project Type New Project Replacement Maintenance Prepared By AJ Reineking

Operations Capital Previously Expended Funds _____

Project Scope/Description:

(Please add additional narrative/pictures on next page):

This project will consist of removing the fuel system at Public Works in entirety, with the exception of the underground storage tanks. The fuel island will be rebuilt with asphalt and concrete, the pumping dispensers will be replaced as well as the fuel management system with corresponding data connections. Finally, a lighted canopy will be installed over the dispensers to provide weather cover for City staff using the fuel island, but also as a first line of defense in the event of a spill.

Justification:

The existing fuel system is 20 years old and has reached the end of its useful life. The system has been susceptible to failure in recent years, and the fuel management system is reliant on antiquated technology to function (if the dot matrix printer goes down, we have no way to track use or system status). A new system will allow for operational reliability over the next 15-20 years.

Impact on Future Operating Budgets:

This is a one-time purchase with no anticipated operating costs.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Fuel Island Rehabilitation	332,000	-	-	-	332,000
Fuel Dispensing System Computer Upgrade	40,000				40,000
					-
					-
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 372,000	\$ -	\$ -	\$ -	\$ 372,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	372,000				372,000
					-

					-
					-
					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 372,000	\$ -	\$ -	\$ -	\$ 372,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Kautz Road Widening and Resurfacing Date 14-Jan-20
 Department/Division Public Works Department - Engineering Division Revised Date _____
 Account Number 513500-56101-CP5085 Project Number STR0030
 Project Type New Project Replacement Maintenance Prepared By KJ
 Operations Capital Previously Expended Funds \$ 94,600

Project Scope/Description:

(Please add additional narrative/pictures on next page):

The Kautz Road project, in conjunction with the City of Geneva, includes the reconstruction of the roadway and widening from a two lane pavement section to a three lane section, matching the pavement cross-sections to the north and south of the project limits. The project will complete the Kautz Road corridor from E. Main Street to IL Route 38, allowing the entire corridor to be signed as a truck route, enhancing access to our industrial park and reducing police enforcement headaches. The three lane pavement section will provide future development within the corridor the opportunity to add left-turn lanes. The project will also include the construction of a recreational trail, which will connect to the IL Prairie Path.

Justification:

Kautz Road is an industrial collector roadway that begins at E. Main Street (IL Route 64) and extends south to IL Route 38. The City of Geneva is currently completing final design and engineering on an extension of Kautz Road from IL Route 38 to Fabyan Parkway, setting Kautz Road up to be an important industrial corridor for both St. Charles and Geneva. The unimproved section of Kautz Road is in very poor condition and in need of reconstruction.

The two municipalities have jointly committed to seek Surface Transportation Program (STP) grant funding toward construction and construction engineering of the improvements. If grant funding is denied, the project may be delayed or defer to a resurfacing project.

Impact on Future Operating Budgets:

There are no budgetary impacts to future operating budgets.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering - 56150	240,000				240,000
Land Acquisition - 56100	91,852				91,852
Construction - 56101		2,000,000			2,000,000
Construction Engineering - 56160		200,000			200,000
Quality Assurance Testing - 56170		10,000			10,000
					-
					-
Previously Expended Funds					94,600
Total Project Costs by Year	\$ 331,852	\$ 2,210,000	\$ -	\$ -	\$ 2,636,452

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	331,852	560,000			891,852
STP Grant		1,650,000			1,650,000
					-
					-
					-
Previously Identified Funding					94,600
Total Project Costs by Year	\$ 331,852	\$ 2,210,000	\$ -	\$ -	\$ 2,636,452

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):





Additional Explanation/Narrative:

Note that the fiscal year for construction and construction engineering may vary, upon grant approval. Construction is anticipated in FY 2022, but may also fall into FY 2023.

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Main Street Welcome Signs Date 15-Jan-20

Department/Division Public Works/Engineering/Public Services Revised Date _____

Account Number 513511-56150 Project Number CP5868

Project Type New Project Replacement Maintenance Prepared By AJ Reineking

Operations Capital Previously Expended Funds _____

Project Scope/Description:

(Please add additional narrative/pictures on next page):

This project consists of a study the City's current gateway signs to determine sign design, location and permitting of new monument gateway signs to the City. Year two includes the construction/erection of the newly designed signs in designated locations on teh City's borders.

Justification:

The City currently does not have a gateway entry sign on East Main Street. In addition, existing entry signage is inconsistent with two differing styles. This project will attempt to make the signage consistent across all entry points and identify areas where new signage may be best suited.

Impact on Future Operating Budgets:

Future budgetary impact will be minimal.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Engineering Study/Design	50,000	-	-	-	50,000
Construction		100,000			100,000
					-
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 50,000	\$ 100,000	\$ -	\$ -	\$ 150,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	50,000	100,000			150,000
					-

					-
					-
					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 50,000	\$ 100,000	\$ -	\$ -	\$ 150,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Main Street Alcove Repair Date 15-Jan-20
 Department/Division Public Works/Engineering/Public Services Revised Date _____
 Account Number 513500-56101 Project Number CP5037
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By AJ Reineking
 Previously Expended Funds _____

Project Scope/Description:
(Please add additional narrative/pictures on next page):

This project consists of removing and replacing the lintels on the two southern alcove canopies on the Main Street Bridge. The prefabricated canopy domes will have to be detached from the lintel using a crane. Once the new lintels are installed, the canopy will be re-grouted. In addition, other cracks to the canopies, columns, and planters will be epoxy injected.

Justification:

WBK Engineering evaluate dthe structural integrity of the canopies on the Main Street Bridge. They noted deterioration of the lintels supporting the canopies on the southern alcoves as well as cracking in several columns. Their recommendation included the replacement of the lintels on the southern alcoves as well as maintenance to the concrete on the columns and planters of all the alcoves. T his project will address all items identified for near-term maintenance or repair.

Impact on Future Operating Budgets:

Due to the fluctuating nature of the bridge, staff will continue to monitor the precast concrete alcoves on the bridge and budget for necessary repairs. While future capital maintenance is anticipated, there are no additional projects slated for coming years.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering	20,000	-	-	-	20,000
Main St. Bridge Alcove Maint. Repairs		150,000			150,000
					-
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 20,000	\$ 150,000	\$ -	\$ -	\$ 170,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	20,000	150,000			170,000
					-
					-
					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 20,000	\$ 150,000	\$ -	\$ -	\$ 170,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name MFT Annual Resurfacing Program Date 16-Jan-20

Department/Division Public Works Department - Engineering Division Revised Date _____

Account Number 350500-56101-MF1000 Project Number STR0001

Project Type New Project Replacement Maintenance Prepared By KJ

Operations Capital Previously Expended Funds 1M Annually +/-

Project Scope/Description:

(Please add additional narrative/pictures on next page):

Project scope includes annual resurfacing/rehabilitation of City owned and maintained streets. Construction scope includes concrete curb and sidewalk repairs, pavement removal, paving new asphalt surfaces, and required utility repairs, varying on each street.

Justification:

The City maintains 135 miles of roadways, all at various stages of a pavement's life cycle. The annual resurfacing program is a vital part of the City's pavement maintenance program, which is in place to provide the City with driveable streets, minimal potholes and a City asset that is in, at a minimum, acceptable condition to the general public.

Impact on Future Operating Budgets:

There is no budgetary impact to future operating budgets. If the annual resurfacing program were to be reduced or eliminated, future street repairs would project to increase dramatically.

Project Phases and Related Costs:

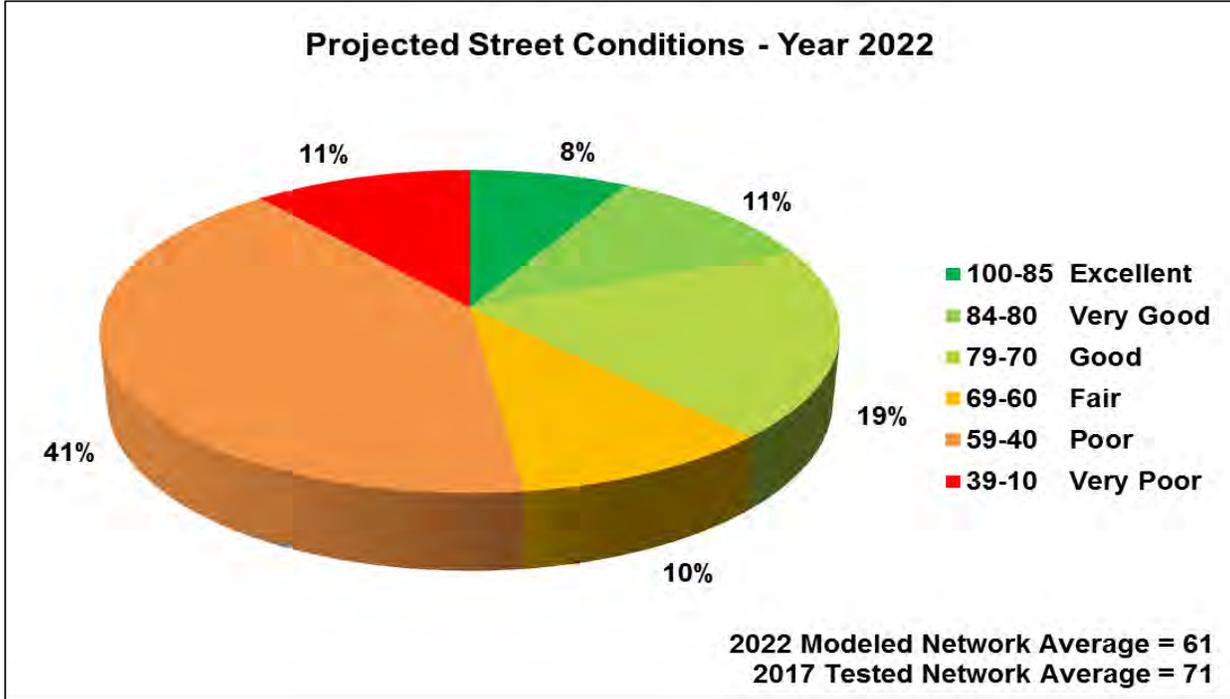
Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Construction - MFT Fund - 56101 - MF1000	1,525,000	1,550,000	1,550,000	1,525,000	6,150,000
Construction - Storm - 56101 - CP5700	205,000	175,000	175,000	175,000	730,000
Construction - Water - 56101 - WA5019	185,000	175,000	175,000	175,000	710,000
Construction - Sanitary - 56101 - WW6008	135,000	150,000	150,000	150,000	585,000
					-
					-
					-
Previously Expended Funds					1M Annually +/-
Total Project Costs by Year	\$ 2,050,000	\$ 2,050,000	\$ 2,050,000	\$ 2,025,000	\$ 8,175,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Motor Fuel Tax Revenues	1,525,000	1,550,000	1,550,000	1,525,000	6,150,000
General Fund	205,000	175,000	175,000	175,000	730,000
Water Revenues	185,000	175,000	175,000	175,000	710,000
Wastewater Revenues	135,000	150,000	150,000	150,000	585,000
					-
Previously Identified Funding					1M Annually +/-
Total Project Costs by Year	\$ 2,050,000	\$ 2,050,000	\$ 2,050,000	\$ 2,025,000	\$ 8,175,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

The pie chart above highlights the projected street conditions of the City's pavement network based on current expenditure levels. The average pavement condition for the entire network was 71 in 2017 and is projected to be 61 in 2022, with over half of the network rating as "Poor" or "Very Poor."

Note that MFT funding levels have increased, beginning in September 2019, which is why previous funding levels don't align with proposed levels.

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Prairie and Riverside Guardrail Replacement Date 15-Jan-20
 Department/Division Public Works Department - Engineering Division Revised Date _____
 Account Number 513500-56101-CP5092 Project Number STR0033
 Project Type New Project Replacement Maintenance Prepared By KJ
 Operations Capital Previously Expended Funds \$ 15,572

Project Scope/Description:

(Please add additional narrative/pictures on next page):

The Prairie Street guardrail is proposed to be completely removed and replaced with proper end treatment/impact attenuator that meets current standards. The Riverside avenue guardrail is proposed to be partially replaced, as the bottom rail portion has oxidized and rusted and is in need of replacement, while the remainder of the guardrail can remain and be painted to match the new lower rail. The Riverside guardrail will also have end treatments updated to current standards as needed.

Justification:

The existing guardrail on Prairie Street is located just to the west of the Prairie Street bridge over the Fox River. The guardrail is exhibiting extreme signs of oxidation/rusting, to the point that visible holes exist and structural integrity is jeopardized. Replacement of the guardrail is important in order to keep the bridge crossing safe to the motoring public.

The City previously hired a consultant structural engineer to inspect, evaluate and recommend improvements to the guardrail. The guardrail was recommended by the consultant to be replaced within one to three years from inspection in 2018.

Staff will be eliminating Construction Engineering fees by handling the work in-house.

Impact on Future Operating Budgets:

There are no budgetary impacts to future operating budgets.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering - 56150					-
Land Acquisition - 56100					-
Construction - 56101	125,000				125,000
Construction Engineering - 56160					-
Quality Assurance Testing - 56170					-
					-
Previously Expended Funds - DE					15,572
Total Project Costs by Year	\$ 125,000	\$ -	\$ -	\$ -	\$ 140,572

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	125,000				125,000
Wastewater Revenues					-
Water Revenues					-
					-
Previously Identified Funding					15,572
Total Project Costs by Year	\$ 125,000	\$ -	\$ -	\$ -	\$ 140,572

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

Photos above highlight project location and provide an image of the deterioration of the guardrail.

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Production Drive Base Reclamation Project Date 13-Jan-20
 Department/Division Public Works Department - Engineering Division Revised Date _____
 Account Number 513500-56101-CP5071 Project Number STR0015
 Project Type New Project Replacement Maintenance Prepared By KJ
 Operations Capital Previously Expended Funds \$ -

Project Scope/Description:

(Please add additional narrative/pictures on next page):

Construction scope includes concrete curb and sidewalk repairs, complete pavement removal, base reclamation utilizing cement, and paving new asphalt binder and surface courses. Project scope also includes a pavement design and construction engineering.

Justification:

Production Drive is an industrial roadway that connects Tyler Road to Kirk Road. Production Drive was last resurfaced in 2000 and 2002, and has a pavement surface score of 50 on a scale of 10 to 100, which rates as "Poor." A section of the roadway base course is made up of a pozzolanic material, which dramatically loses structural strength as it ages and fails.

Due to the pavement condition and underlying base materials, the roadway requires repairs beyond a simple resurfacing. The roadway is proposed to be improved by the base reclamation process, which treats the pavement base course and repurposes it, which saves materials, time and money. Past base reclamation projects within the City have minimized business impacts while providing a cost-efficient alternative to a complete roadway reconstruction.

Utility costs are not provided for this project, as utility improvements will be performed as part of a separate watermain project.

Impact on Future Operating Budgets:

There is no budgetary impact to future operating budgets.

Project Phases and Related Costs:

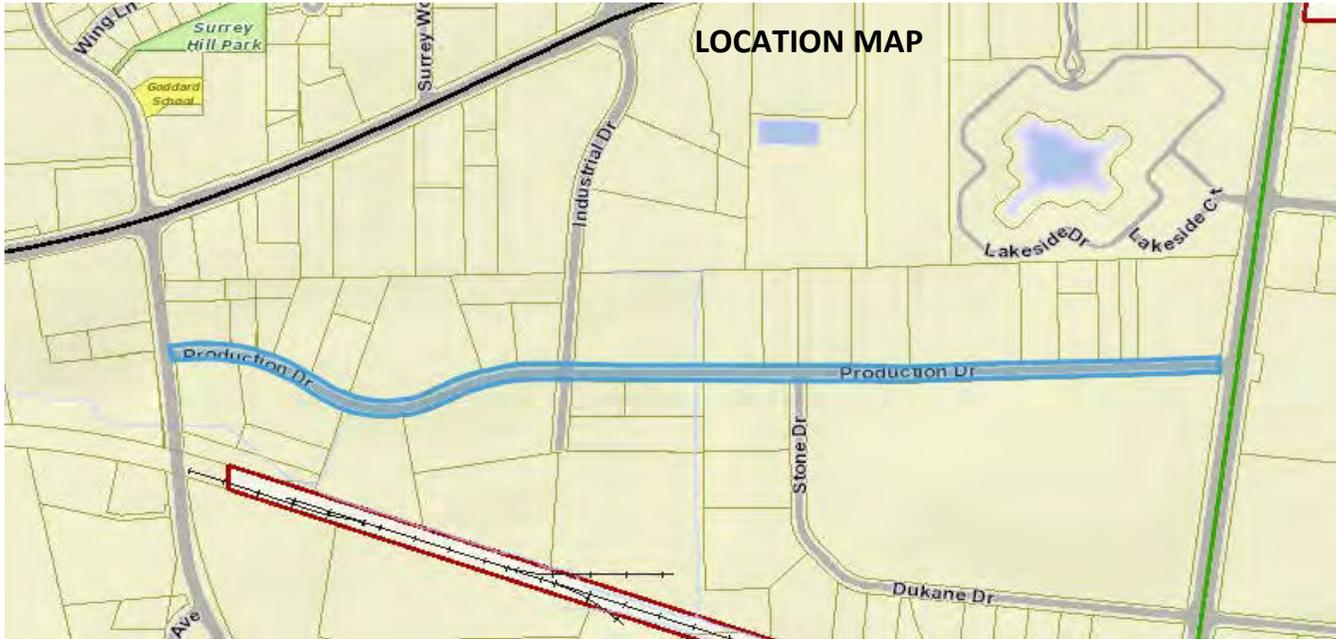
Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Pavement Design	20,000				20,000
Construction		950,000			950,000
Construction Engineering		100,000			100,000
Quality Assurance Testing		20,000			20,000
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 20,000	\$ 1,070,000	\$ -	\$ -	\$ 1,090,000

Funding:

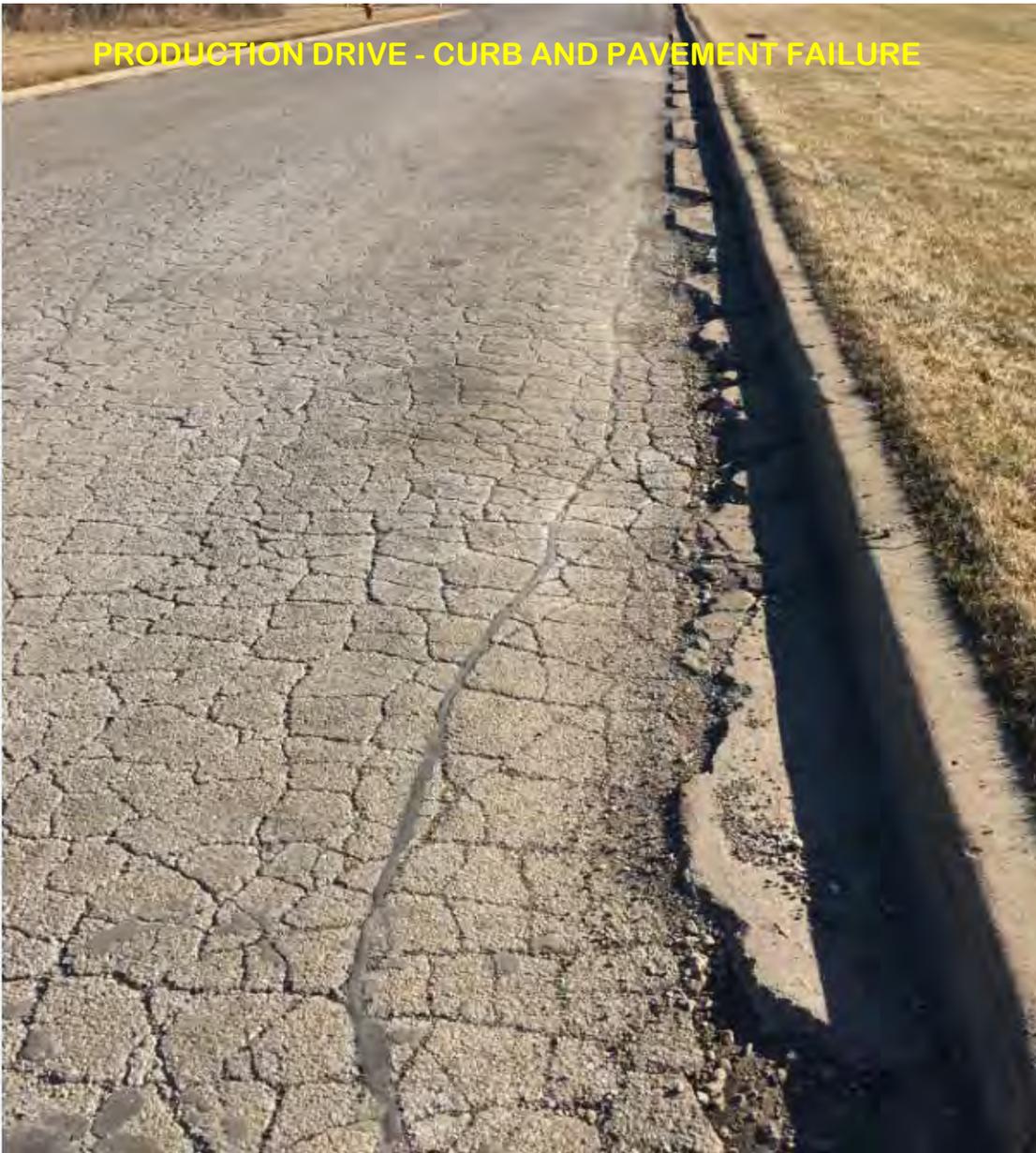
Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	20,000	1,070,000			1,090,000
					-
					-
					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 20,000	\$ 1,070,000	\$ -	\$ -	\$ 1,090,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



PRODUCTION DRIVE - CURB AND PAVEMENT FAILURE



Additional Explanation/Narrative:

Empty rectangular box for additional explanation/narrative.

PROJECT DESCRIPTION WORKSHEET

Project Name East Plaza Expansion (One West Main Street site) Date 30-Dec-19
 Department/Division Community & Economic Development Revised Date 1/27/2020
 Account Number 508667-56101, 508667-56150, 508667-56160 Project Number FS
 Project Type New Project Replacement Maintenance Operations Capital
 Prepared By Rita Tungare/Russ Colby

Project Scope/Description:
(Please add additional narrative/pictures on next page):

Design, engineering and construction of the East Plaza expansion into the One West Main Street site (former Manor hole).

Justification:

The City is completing the First Street East Plaza and Riverwalk as the culmination of the Phase 3 portion of the project. The One West Main St. site remains as an undeveloped parcel in a prominent location between the new East Plaza and Main Street. The site offers an opportunity for the City to create a larger plaza space and a location for a potential focal point feature to act as an anchor for the entrance to the First Street project.

The overall cost may vary depending on the extent of the improvements and whether the focal point feature is included in the initial construction phase. The estimate includes construction of a structural wall to support a future cantilevered pedestrian walkway along the river, passing under the Main St. bridge (estimated at \$250,000 to \$300,000)

Preliminary engineering and construction estimates will be available in coming months to further refine the cost estimate.

There is a strong interest to complete the construction during the 2020 construction season.

Impact on Future Operating Budgets:

Maintenance costs for a larger plaza area.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering	75,000				
Construction Engineering	75,000				
Land Improvements	850,000				
					-
Total Project Costs by Year	1,000,000	-	-	-	1,000,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name S. 7th Avenue Resurfacing Date 16-Jan-20

Department/Division Public Works Department - Engineering Division Revised Date _____

Account Number 513500-56101-CP5070 Project Number STR0021

Project Type New Project Replacement Maintenance Prepared By KJ

Operations Capital Previously Expended Funds \$ -

Project Scope/Description:

(Please add additional narrative/pictures on next page):

Construction scope includes concrete curb and sidewalk repairs, asphalt surface removal and paving of a new asphalt surface courses. Project scope also includes a utility repairs and construction engineering. Project limits are from E. Main Street to Division Street.

Justification:

S. 7th Avenue is a collector roadway that extends from E. Main Street (IL 64) south to the St. Charles southern City limit at Division Street. Pavement condition ranges from "Fair" to "Poor." Collector roadways typically require resurfacing while in "Fair" condition, prior to reaching "Poor" or "Very Poor."

City staff have received federal grant funding from the Surface Transportation Program (STP) in an amount not to exceed \$500,000 toward the resurfacing of the roadway. The grant stipulates that the City complete the project during fiscal year 2021 to receive funding.

Impact on Future Operating Budgets:

There is no budgetary impact to future operating budgets.

Project Phases and Related Costs:

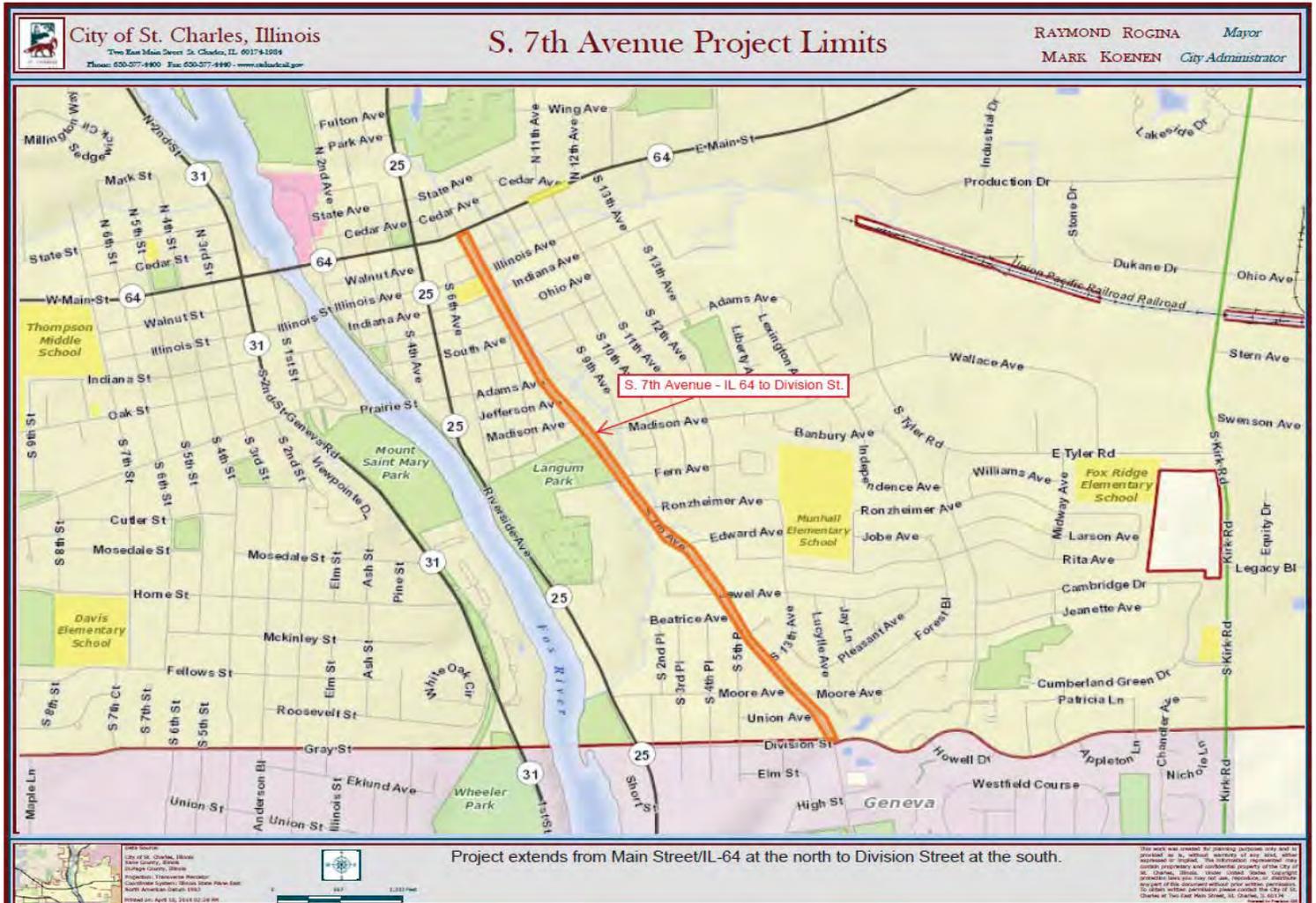
Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Construction - 56101	1,025,000				1,025,000
Construction Engineering - 56160	96,000				96,000
Quality Assurance Testing - 56170	10,000				10,000
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 1,131,000	\$ -	\$ -	\$ -	\$ 1,131,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	506,000				506,000
STP Grant	500,000				500,000
Water Fund	115,000				115,000
Wastewater Fund	10,000				10,000
Previously Identified Funding					-
Total Project Costs by Year	\$ 1,131,000	\$ -	\$ -	\$ -	\$ 1,131,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



S. 7TH AVENUE - PAVEMENT FAILURE



Additional Explanation/Narrative:

Note that the construction contract is issued by the Illinois Department of Transportation, with an agreement for partial payment by the local agency. The City of St. Charles will not need to budget the entirety of the project, simply the amount of the project minus the grant funding.

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Dunham & Royal St. George Date: 01.13.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary
 Account Number 220552 Project Number SAN0008-WW6031
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

This project will be the replacement of back pitch sewer main include the design, construction bidding and construction oversight. This project will require coordination with local home owners association, local roads and golf course.

Justification:

This section of sewer main has a slight back pitch. With this back pick in the sewer line requires city crews to visit the sight on a biweekly bases to clean the line. This section of back pitch sewer has also become a problem in high flow events as the area sewer is unable to drain correctly.

Impact on Future Operating Budgets:

Reduction in biweekly jetting and maintenance of this line also reduction of backup risk in wet weather events.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	35,000.00				35,000.00
Construction - 56101		350,000.00			350,000.00
Construction Engineering - 56160		35,000.00			35,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 35,000	\$ 385,000	\$ -	\$ -	\$ 420,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	35,000	385,000			420,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 35,000	\$ 385,000	\$ -	\$ -	\$ 420,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Indiana St. Between 13th & 14th St Date: 01.13.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary
 Account Number 220552 Project Number SAN0011:WW6034
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

The overall project is to design, construct and construction oversight of a new sanitary sewer main. This main has been a issue in the past with backups.

Justification:

This line has a shallow sewer main that has had some issues with freezing resulting in backups in the past The first phase design will review the opportunity to lower the sanitary main.

Impact on Future Operating Budgets:

After the design phase, the construction cost will be reevaluated. At this time the cost is base on in the road sewer main replacement. The city hasn't complete a rear year projected in over ten years. This will have a impact on project coordination and cost.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	20,000.00				20,000.00
Construction - 56101		210,000.00			210,000.00
Construction Engineering - 56160		20,000.00			20,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 20,000	\$ 230,000	\$ -	\$ -	\$ 250,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	20,000		230,000			250,000
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 20,000		\$ 230,000	\$ -	\$ -	\$ 250,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Indiana St. Between 13th & 14th St

Account Number 220552

Project Number SAN0011:WW6034

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name 3619 East Main Street - Stein Mart Date: 01.13.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary
 Account Number 220552 Project Number SAN0012:WW6033
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

This project will evaluate local utilities, create a design, budget construction cost for the removal of the existing sewer main and replacing the sewer to properly grade.

Justification:

Currently there is a dip (low area) in the sewer main that creates a septic situation. This issues has continued to create odors inside of the local business. The low areas also increase the risk for a backup. Removing the dip in the sewer main will reduce customer complaints and risk of backups.

Impact on Future Operating Budgets:

Reduced cost in continually maintaining the sewer main. Crews are typically onsite every two weeks jetting the line.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	20,000.00				20,000.00
Construction - 56101		210,000.00			210,000.00
Construction Engineering - 56160		20,000.00			20,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 20,000	\$ 230,000	\$ -	\$ -	\$ 250,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	20,000	230,000			250,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 20,000	\$ 230,000	\$ -	\$ -	\$ 250,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name 3619 East Main Street - Stein Mart

Account Number 220552

Project Number SAN0012:WW6033

CIP Status (*New, Current, Roll Forward, Past CIP*) Current Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment	2017			
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name CMOM Program Date: 01.13.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary
 Account Number 220552 Project Number SAN0015-WW6051
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page) :

Annual CMOM program, this program has three phases each year. Phase 1 Flow Monitoring this phase is to identify the areas of the study area that has the most infiltration. Base on the phase 1 evaluation Phase 2 conducts sewer main, sewer manhole inspections this include smoke testing. These evaluations identify the areas needing replacement in phase 3 or depending on the size of the project creates a special project. In additional the EPA has now required a annual report showing the city progress with CMOM program.

Justification:

This is a EPA Mandate as part of our IEPA operation permits. The program has create a sound asset management program of the sewer collection system. Over the fifteen year program the entire sewer collection system will be inspected, evaluated and maintained the items that need maintenance or replacement. The first two phases of Flow Monitoring and SSES is intended to prioritize the maintenance and replacement items.

Impact on Future Operating Budgets:

Depending on the study areas additional larger project maybe identified. Examples are sewer mains that are in critical and need full replacement. Depending on the area of the study the phase three funding may not cover all of the items that need maintenance, this may result in additional funding request in additional out year to finish the phase 3 repairs.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Annual update	20,000	20,000	20,000	20,000	80,000
Phase 1 Flow Monitoring - 56150	88,000	85,000	87,000	90,000	350,000
Phase 2 SSES -56150	113,000	116,000	120,000	123,000	472,000
Phase 3 Construction	394,000	406,000	418,000	431,000	1,649,000
Phase 3 B - SCO2	80,000				80,000
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 695,000	\$ 627,000	\$ 645,000	\$ 664,000	\$ 2,631,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	695,000		627,000	645,000	664,000	2,631,000
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
Total Project Costs by Year	\$ 695,000		\$ 627,000	\$ 645,000	\$ 664,000	\$ 2,631,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name CMOM Program

Account Number 220552

Project Number SAN0015-WW6051

CIP Status (*New, Current, Roll Forward, Past CIP*) Current Priority Level (1-3) *1= low 3= critical or compliance* 3

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name 7th St, Elm Back-pitch Sewer Replacement Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary
 Account Number 220552 Project Number SAN0018-WW6061
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

This project will replace a two sections of back pitch sewer main located on 7th and Elm Streets. This will include a design, bidding, construction and construction oversight.

Justification:

This project is need to support additional flows with future developments. The back pitch sewer reduce the available capacity in the lines. The back pitch sewer also increase the risk of collecting solid as a result increasing the annual maintenance and risk for back up.

Impact on Future Operating Budgets:

When we have the project designed and ready for bid we will look at the possibility of bidding the project with the larger IL Rte. 31 sanitary sewer main.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	37,000.00				37,000.00
Construction - 56101		214,000.00			214,000.00
Construction Engineering - 56160		37,000.00			37,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 37,000	\$ 251,000	\$ -	\$ -	\$ 288,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	37,000	251,000			288,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 37,000	\$ 251,000	\$ -	\$ -	\$ 288,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name 7th St, Elm Back-pitch Sewer Replacement

Account Number 220552

Project Number SAN0018-WW6061

CIP Status (*New, Current, Roll Forward, Past CIP*) Current Priority Level (1-3) *1= low 3= critical or compliance* 2

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Wild rose Lift Station Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary
 Account Number 220551 Project Number SAN0019-WW5008
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

The project is to design, bid, and construct the replacement of the Wild Rose lift station.

Justification:

The current lift station was constructed in 1980 and has reached the end of life. The current lift station is constructed of metal and is structurally failing. The lift station services about 60% of the Wild Rose subdivision and has a capacity of 420 P.E. The station in a critical service point, and is in poor condition.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

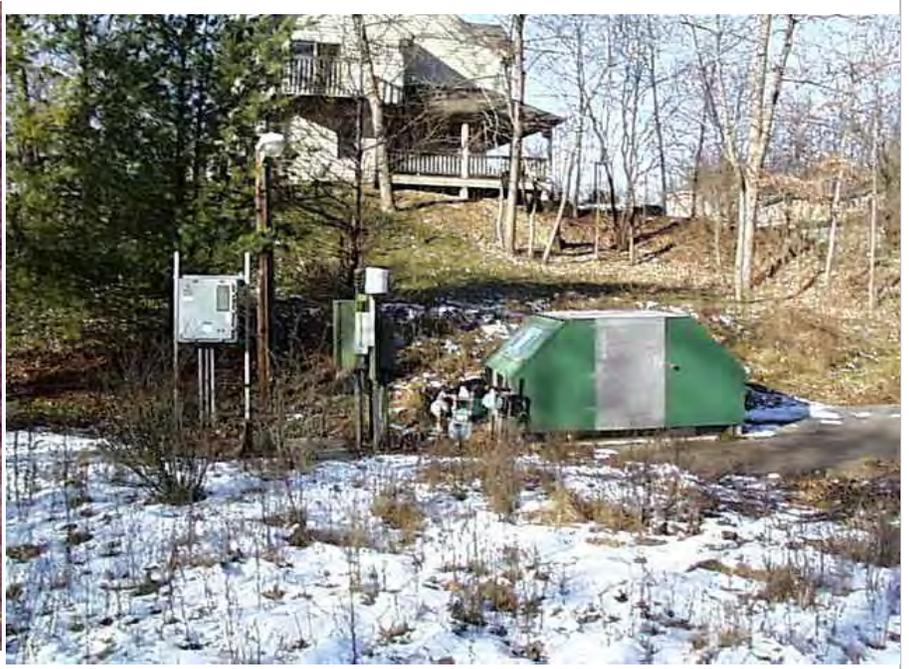
Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	64,000.00				64,000.00
Construction - 56101		640,000.00			640,000.00
Construction Engineering - 56160		64,000.00			64,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 64,000	\$ 704,000	\$ -	\$ -	\$ 768,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	64,000	704,000			768,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 64,000	\$ 704,000	\$ -	\$ -	\$ 768,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Wild rose Lift Station

Account Number 220551

Project Number SAN0019-WW5008

CIP Status (*New, Current, Roll Forward, Past CIP*) Current Priority Level (1-3) *1= low 3= critical or compliance* 3

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Eastern Drainage Trunk Main Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary
 Account Number 221553 Project Number SAN0020 WW6067
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$65,000

Project Scope/Description (Please add additional narrative/pictures on next page) :

The evaluation of existing sewer infrastructure, and its ability to support Eastern development and /or redevelopment. This project has already included flow monitoring and sanitary pipe evaluation. The next steps will be the concept design to service the area, final design, funding, final project approval, construction and construction oversight.

Justification:

The current sewer trunk main servicing the eastern portion of the sewer collection system is currently to capacity. In support of continue development; this project is required to evaluate service options. Once these options are evaluated and selected the construction should follow. As a project of this size is expected to take two to three years.

Impact on Future Operating Budgets:

Unknown until the final design and service solution is selected.

Project Phases and Related Costs:

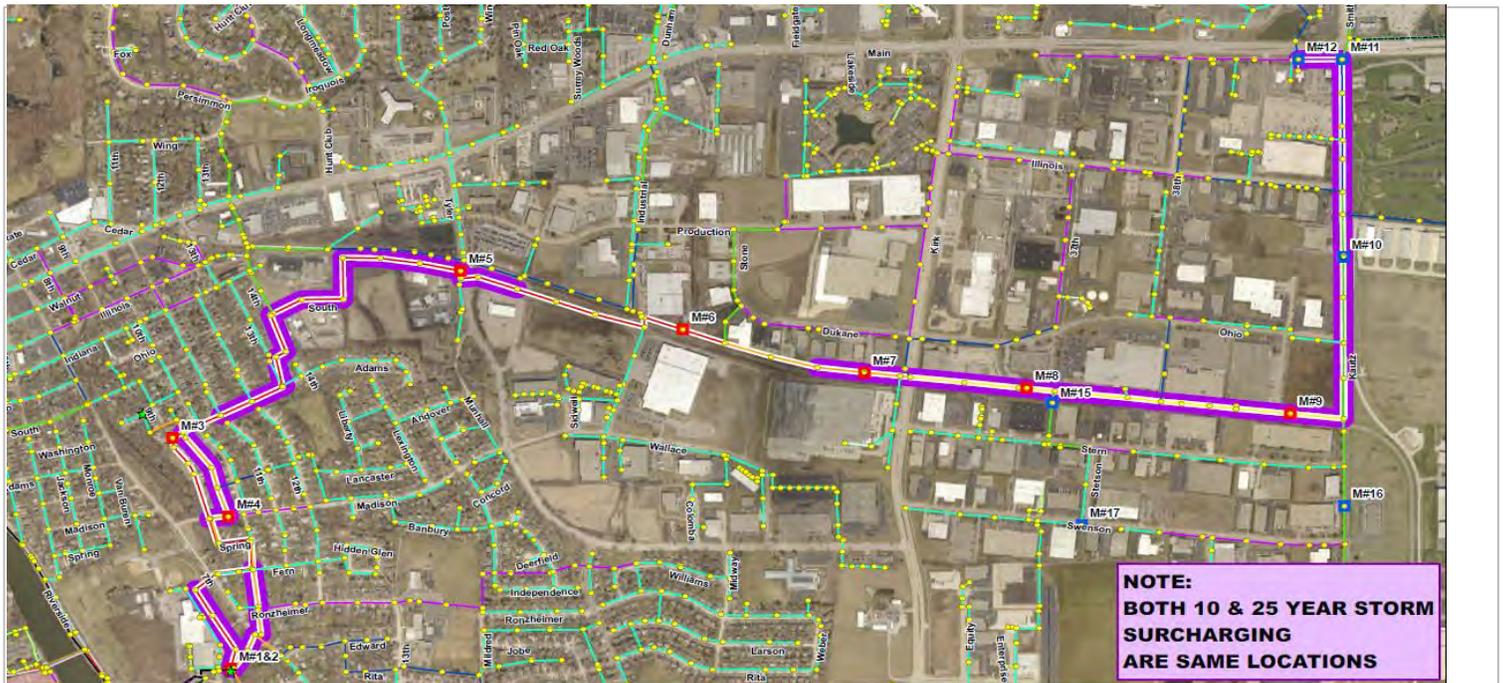
Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170	10,000.00	10,000.00			20,000.00
Design Engineering - 56150		820,000.00			820,000.00
Construction - 56101			8,200,000.00		8,200,000.00
Construction Engineering - 56160			656,000.00		656,000.00
Land -56100	100,000.00	100,000.00			200,000.00
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 110,000	\$ 930,000	\$ 8,856,000	\$ -	\$ 9,896,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	110,000	110,000			220,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)		820,000	8,856,000		9,676,000
Previously Identified Funding					-
Total Project Costs by Year	\$ 110,000	\$ 930,000	\$ 8,856,000	\$ -	\$ 9,896,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Eastern Drainage Trunk Main

Account Number 221553

Project Number SAN0020 WW6067

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* 3

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name MFT Annual Resurfacing Program Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary and Water
 Account Number 220552 & 510541 Project Number STR0001 WW6008 & STR0001 WA5019
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds ~ 300,000 Annually

Project Scope/Description (Please add additional narrative/pictures on next page) :

This is the water main and sanitary sewer portion of the road projects. As the roads are resurfaced these funds are to cover the cost of point repairs to both the sanitary and water mains.

Justification:

The intent is to coordinate street and underground utility projects, this coordination helps reduce the cost. The coordination also helps to reduce the risk of having to come back to damage the pavement with a utility repair. These funds are only intended to cover the cost of point repairs. Larger full line replacement is cover by other project funds.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	320,000.00	325,000.00	325,000.00	325,000.00	1,295,000.00
Construction Engineering - 56160					-
Land -56100					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 320,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 1,295,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	135,000		150,000	150,000	150,000	585,000
Water Revenues	185,000		175,000	175,000	175,000	710,000
EPA Loan						-
Issuance of Debt (Bond or Other)			-			-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 320,000		\$ 325,000	\$ 325,000	\$ 325,000	\$ 1,295,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name MFT Annual Resurfacing Program

Account Number 220552 & 510541

Project Number STR0001 WW6008 & STR0001 WA5019

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* 3

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name S. 7th Avenue(Main St to Division St) Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Sanitary and Water
 Account Number 220552 & 510541 Project Number STR0021 WW6044 & STR0021 WA5052
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page) :

This is the water main and sanitary sewer portion of the road projects. As the roads are resurfaced these funds are to cover the cost of point repairs to both the sanitary and water

Justification:

The intent is to coordinate street and underground utility projects, this coordination helps reduce the cost. The coordination also helps to reduce the risk of having to come back to damage the pavement with a utility repair. These funds are only intended to cover the cost of point repairs. Larger full line replacement is cover by other project funds.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	125,000.00	-	-	-	125,000.00
Construction Engineering - 56160					-
Land -56100					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 125,000	\$ -	\$ -	\$ -	\$ 125,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	-		-	-	-	-
Water Revenues	10,000		-	-	-	10,000
EPA Loan						-
Issuance of Debt (Bond or Other)	115,000		-			115,000
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 125,000		\$ -	\$ -	\$ -	\$ 125,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name S. 7th Avenue(Main St to Division St)

Account Number 220552 & 510541

Project Number STR0021 WW6044 & STR0021 WA5052

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* 2

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Second & Delnor Ave Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water & Sanitary
 Account Number 210541 & 220552 Project Number STR0022 WA5010 & WW6028
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page) :

Related to a street project, this is the full replacement of water and sewer mains under Second & Delnor Ave. The cost include the design, construction and construction engineering

Justification:

Both the water and sewer main in the area of Second and Delnor have had several failures. This project will replace the two utilities, after the utilities are complete the road will be replaced.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	1,182,190.00				1,182,190.00
Construction Engineering - 56160	87,157.00				87,157.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 1,269,347	\$ -	\$ -	\$ -	\$ 1,269,347

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	54,071				54,071
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)	1,216,276				1,216,276
Previously Identified Funding					-
Total Project Costs by Year	\$ 1,270,347	\$ -	\$ -	\$ -	\$ 1,270,347

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Second & Delnor Ave

Account Number 210541 & 220552

Project Number STR0022 WA5010 & WW6028

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Tyler Road Basin Naturalization & Storm Sewer Improvement Date 15-Jan-20

Department/Division Public Works / Public Services Revised Date _____

Account Number 513501-56150 Project Number CP5037

Project Type New Project Replacement Maintenance Prepared By AJ Reineking

Operations Capital Previously Expended Funds _____

Project Scope/Description:

(Please add additional narrative/pictures on next page):

This project entails the replacement of an existing private storm sewer sump line in teh rear easement of Williams Avenue as well as the native restoration of the adjacent storm water detetention basin (on the corner of South Tyler and Tyler Avenues).

Justification:

Staff received a call from a homeowner in the 1500 block of Williams Avenue who was without service for his private sump line discharge. Upon inspection of the line, staff identified significant blockage in the private sump line. After a failed attempt to clean the line, staff was able to note that the line capacity is restricted by up to 75%. It does drain, but is not able to keep up with high capacity situations.

Traditionally, private lines of this nature are referred to HOAs for ultimate remedy. In this case, there is no HOA to turn the line over to.

The adjacent detention basin holds water in two locations, approximately four feet deep. Staff has received calls from neighbors in recent years due to the unsightly condition of the basin. This project includes teh dredging of the silted areas as well as naturalization of the basin. This basin is a City owned and maintained storm basin.

Impact on Future Operating Budgets:

Staff anticipates \$7,000 to \$10,000 per year for the next three years in native area maintenance, with costs being reduced in out years once the plants have been established.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
Design Engineering	35,000	-	-	-	35,000
Basin Naturalization and Storm Improvements		200,000			200,000
					-
					-
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 35,000	\$ 200,000	\$ -	\$ -	\$ 235,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	35,000	200,000			235,000
					-

						-
						-
						-
Previously Identified Funding						-
Total Project Costs by Year	\$ 35,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 235,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name West Side Salt Dome Roof Replacement Date 15-Jan-20

Department/Division Public Works / Public Services Revised Date _____

Account Number 513500-56200 Project Number CP5079

Project Type New Project Replacement Maintenance Prepared By AJ Reineking

Operations Capital Previously Expended Funds _____

Project Scope/Description:

(Please add additional narrative/pictures on next page):

This project includes removal and replacement of shingles and felt paper as well as any damaged roof panels at the west side Salt Dome (IL Rt 38).

Justification:

The current salt dome at the West Side Wastewater Treatment Plant site was built in 2000 and the roof is original to the construction. In FY20, staff had the exhaust fan and dormer replaced at this facility. Currently there are several leaks in areas where shingles have fallen off or water has been able to infiltrate punctures or seams. Replacement of the roof is necessary to ensure the structural integrity of the building, but also to ensure a tight building envelope to minimize leaching of salt brine from the facility to the adjacent wetland.

Impact on Future Operating Budgets:

This is a one-time purchase with an anticipated useful life of 20+ years.

Project Phases and Related Costs:

Phase/Description:	Costs by Fiscal Year				
	FY 2021	FY2022	FY 2023	FY 2024	Total
West Side Salt Dome Roof Replacement	200,000	-	-	-	200,000
					-
					-
					-
					-
					-
					-
					-
Previously Expended Funds					-
Total Project Costs by Year	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
General Fund	200,000				200,000
					-
					-
					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s):



Additional Explanation/Narrative:

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Risk, Resilience, Emergency Plan Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water & Wastewater
 Account Number 210540 & 220550 Project Number WA1006 & WW
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page) :

This project will review the water and wastewater operations. This will be a two phase approach to the project . The first phase is a risk and resilience assessment, this assessment is sent to the U.S. EPA for approval. The second phase is emergency response plan to the identified risk in phase one. This response plan is also submitted to the U.S. EPA and homeland

Justification:

The 2018 America Water Infrastructure Act requires the city to complete both reports as referenced above. The city utility's are required to complete the reports by December 30, 2021. In discussing this project with contracted professional services the project is expected to take about a sixteen months to complete. This doesn't include the time it takes the EPA to review and comment on the reports and plan. By starting the project this May 2020 the city will remain in compliance with the federal requirements. This is similar the federal ICS and other city wide emergency planning. With the exception as part of the act the EPA has incorporated the American Water Works Association (AWWA) standards for emergency resilience and response. These standards improves the typical ICS system and by structuring the plan to the water and waste water utilities. This standards also requires each utility to create a customized program identifying critical infrastructure, risk, threat,

Impact on Future Operating Budgets:

As part of the reporting requirements to the federal agency the city will need to identify areas of deficiencies . These areas that will be addressed in the evaluation and reporting are short-term (policies, training, cyber security, mutual aid agreements), Mid-term 1 to 5 years (high impact/ low cost capital improvements, integrated security improvements) and Long-term > 5years (integrated into capital improvement)

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101					-
Construction Engineering - 56160					-
Additional Equipment					-
Operating Expense 54189	120,000.00	34,000.00			-
Other Expense					-
Total Project Costs by Year	\$ 120,000	\$ 34,000	\$ -	\$ -	\$ -

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	60,000		17,000			77,000
Water Revenues	60,000		17,000			77,000
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 120,000		\$ 34,000	\$ -	\$ -	\$ 154,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Risk, Resilience, Emergency Plan

Account Number 210540 & 220550

Project Number WA1006 & WW

CIP Status (*New, Current, Roll Forward, Past CIP*) New Priority Level (1-3) *1= low 3= critical or compliance* 3

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name SCADA Upgrade/ Replacement Date: 01.14.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water & Wastewater
 Account Number 210541 & 220551 Project Number WA5004 & WW2016
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$ 2,000,000

Project Scope/Description (Please add additional narrative/pictures on next page) :

This project is on the water and wastewater SCADA system. This project is to update the current SCADA system to improve security and overall operations. Including the replacement of several aging IT infrastructure assets relate to the SCADA system.

Justification:

The SCADA system is the back bone IT system the aids staff in running plant operations. Without SCADA the utility would have to man each operation continually. All of these system are complex computer base operation including hardware, software, alarming and programing. Like any IT base system, they requires continue maintenance, support and improvements. The first four years 2018 - 2022 is the upgrade of a outdated IT SCADA backbone. The following years is expected to include system improvements.

Impact on Future Operating Budgets:

Mid-term 4 to 5 years (continue high impact/ low cost capital improvements that will improve the business application and security improvements) and Long-term > 5years - Team will be developing a SCADA IT assets list; this list will be presented to finance. It is recommended that we setup a continue replacement fund for the IT equipment.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101					-
Construction Engineering - 56160					-
Additional Equipment -56002	500,000.00	550,000.00	200,000.00		1,250,000.00
Operating Expense 54189					
Other Expense					-
Total Project Costs by Year	\$ 500,000	\$ 550,000	\$ 200,000	\$ -	\$ 1,250,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	250,000		250,000	100,000		600,000
Water Revenues	250,000		300,000	100,000		650,000
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 500,000		\$ 550,000	\$ 200,000	\$ -	\$ 1,250,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name SCADA Upgrade/ Replacement

Account Number 210541 & 220551

Project Number WA5004 & WW2016

CIP Status (*New, Current, Roll Forward, Past CIP*) New Priority Level (1-3) *1= low 3= critical or compliance* 3

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Pipe Integrity Inspection Watermain River Crossings Date: 01.18.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WA5086
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

The City owns two critical water main river crossings that are under the river. Both of these crossings are reaching typical ages of maintenance or replacement. This project is to evaluate the condition of the pipe river crossing. The pipe integrity inspection and evaluation will be used as a base line either respecting in several years. Or to start planning on the

Justification:

The two river crossings of sixteen inch water mains are considered critical infrastructure. A break on one of these lines would be costly for the city. Neither of these ageing assets have been inspected; but this was due to limited technology. As a result of legislation in the oil and gas pipeline utilities. A cost effective inspection technology's has been created. This technology would include a two step process fist sending a "smart ball" down the pipe line to detect if their are any small leaks in the pipe line. The second step would send a ultrasound equipment will measure the pipe wall thicknesses the entire length of the pipe line. Both of these process will result in a pipe integrity report. Beside the oil and gas utilities; this process has been used by several other local water utilities. In Hangover Park they used the technology to inspect a pipe line under a critical wetland. In Naperville they used the technology to inspect utilities under state highways.

Impact on Future Operating Budgets:

The inspection report will drive the need of maintenance or replacement of these pipe lines. The inspection may find the pipe line is in good condition. If this is the case the report will be used as a base line, a re-inspection will be conducted several years latter. This follow up inspection will provide the city with a pipe deterioration per year. This will help the city to plan out long term capital needs of this pipe line.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170	282,000.00			299,000.00	581,000.00
Design Engineering - 56150					-
Construction - 56101					-
Construction Engineering - 56160					-
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 282,000	\$ -	\$ -	\$ 299,000	\$ 581,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues						-
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
Total Project Costs by Year	\$ -		\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Environmental Service Project Charter For Division Internal Use Below

Project Name Pipe Integrity Inspection Watermain River Crossings

Account Number 210541

Project Number WA5086

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Water Main For West WWTP Date: 01.18.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WA5088
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

With the expansion of the west side waste water plant, will required the new buildings to meet fire codes. Some of the code requirements of the newly constructed buildings will include fire protection systems. This project is to extend city owned water main from Peck Road to the WWTP site. This water main will be included in the overall design, bid, construction and

Justification:

Current the WWTP location is provided water from the state owned IYC water system. The IYC water system is aging and is currently under design to be abandoned. As part of the IYC design is to run a new water system from the City of St Charles starting at Peck Road heading along Rte. 38 to their complex. But due to continued state funding issues the start of this project is uncertain. The state has continued to delay this project over the last five years. As a short term solution the city looked at using the existing IYC water system as a fire protection source. But the existing fire flow from the IYC is under 200 GPM. The City buildings need a minimum of 1,300 gpm to meet fire protection codes. The need for this project will be determined by the states ability to bid, award and construct the proposed connection to the City of St Charles. If the state is unable to start this process in 2020 as proposed. This city will need to move forward with it own project to supply water to

Impact on Future Operating Budgets:

This project can be removed if the State of Illinois moves forward with the bid, award and construction of the proposed inter connection to the City of St Charles in 2020.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	88,000.00				88,000.00
Construction - 56101	440,000.00				440,000.00
Construction Engineering - 56160	88,000.00				88,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 616,000	\$ -	\$ -	\$ -	\$ 616,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues						-
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ -		\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Water Main For West WWTP

Account Number 210541

Project Number WA5088

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Longmeadow Circle - Iroquois Ave to Iroquois Ave Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0005 WA5036
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

This project is the replacement of water main on the Longmeadow Circle from Iroquois Ave to Iroquois Ave. The work will include the Design, Construction and Construction Engineering.

Justification:

The Longmeadow Circle water main was installed in 1978, the water main in the area has seen expedite rate of failure. This is due to the water main quality and soil conditions. This localized area has also seen several water main breaks and water quality issues.

Impact on Future Operating Budgets:

NA

Project Phases and Related Costs:

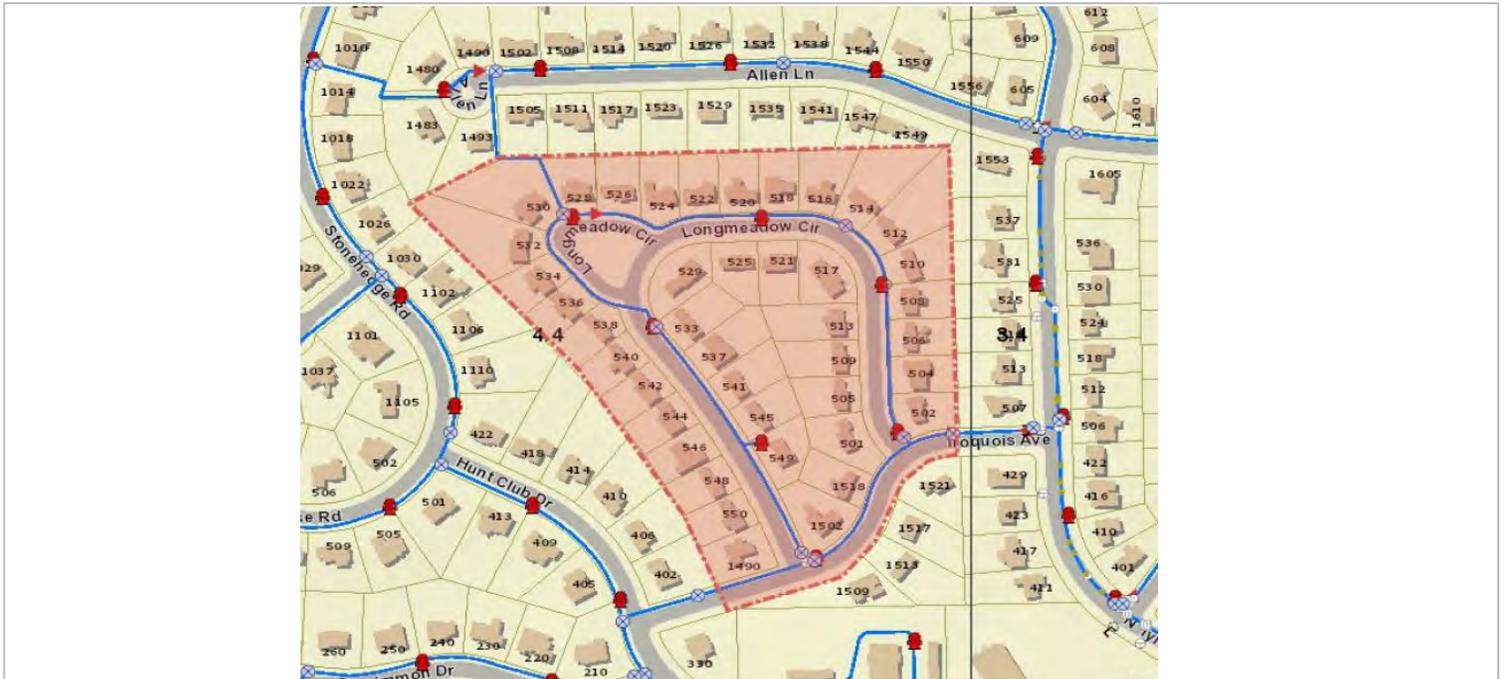
Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	58,550.00				58,550.00
Construction - 56101		650,550.00			650,550.00
Construction Engineering - 56160		58,550.00			58,550.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 58,550	\$ 709,100	\$ -	\$ -	\$ 767,650

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues					-
Water Revenues		58,550			58,550
EPA Loan					-
Issuance of Debt (Bond or Other)	58,550	650,550			709,100
Previously Identified Funding					-
Total Project Costs by Year	\$ 58,550	\$ 709,100	\$ -	\$ -	\$ 767,650

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Longmeadow Circle - Iroquois Ave to Iroquois Ave

Account Number 210541

Project Number WTR0005 WA5036

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Well #4 Conversion to Pitless Adapter & Well #4 Preventive Maint. Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0015 WA2023 & WTR 0019 WA2031
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$ 25,000

Project Scope/Description (Please add additional narrative/pictures on next page):

It should be noted that two projects need to be coordinated together. First is the conversion of the Well #4 to a pit less adapter. The second project is the general maintenance of Well #4. For economical reasons and well contractor cost these project should occur in the same year. The well maintenance is on a ten year cycle, the driver for the pitless adapter is the

Justification:

The general maintenance of the production well is on ten year cycle. Well number four is one of two wells that provide drinking water to the inner zone (downtown, lower valley area). The conversion of the well head to a pit less adapter will allow the removal of existing buildings. The well house building is currently located west of the old police station within the alley way.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101					-
Construction Engineering - 56160					-
Additional Equipment -56209	500,000.00				500,000.00
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	500,000				500,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Well #4 Conversion to Pitless Adapter & Well #4 Preventive Maint.

Account Number 210541

Project Number WTR0015 WA2023 & WTR 0019 WA2031

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Well #8 Electrical Voltage Conversion and Well Maintenance Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0022 WA2040
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

This project will replace the original electrical motor starter from 1978. During design the voltage and pump size will be evaluated. This is in a effort to lower the long term cost to the city. The construction will include pulling the well for it normally schedule maintenance.

Justification:

The electrical motor starting panel for the well is reached the end of life ad needs to be replaced. The city has had problems finding replacement parts for the motor panel. This work will include the evaluation of changing the motor and voltage sizing the well to gain economical advantage. The well is on a ten year maintenance schedule this is a industry recommended standard.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	100,000.00				100,000.00
Construction - 56101					-
Construction Engineering - 56160		100,000.00			100,000.00
Additional Equipment -56209		1,000,000.00			1,000,000.00
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 100,000	\$ 1,100,000	\$ -	\$ -	\$ 1,200,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	100,000	100,000			200,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)		1,000,000			1,000,000
Previously Identified Funding					-
Total Project Costs by Year	\$ 100,000	\$ 1,100,000	\$ -	\$ -	\$ 1,200,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Well #8 Electrical Voltage Conversion and Well Maintenance

Account Number 210541

Project Number WTR0022 WA2040

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Annual Fire Hydrant Replacement Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0048 WA????
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

Annual Replacement of fire hydrants in the water distribution system, this funding level this replace's about 23 per year

Justification:

Based on the recommended American Water Works and National Fire Protection standards of replacement fire hydrants every 35 years. Based on the 35 year life the city is currently estimated at 700 hydrants behind schedule replacement at a value of \$3,872,000. With another 869 hydrants valued at \$4,779,500 coming up for replacement over the next ten years.

Impact on Future Operating Budgets:

Funding is below replacement schedule please see charts below

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	180,000.00	180,000.00	180,000.00	180,000.00	720,000.00
Construction Engineering - 56160					-
Additional Equipment -56209					-
Operating Expense					-
Other Expense					-
Total Project Costs by Year	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 720,000

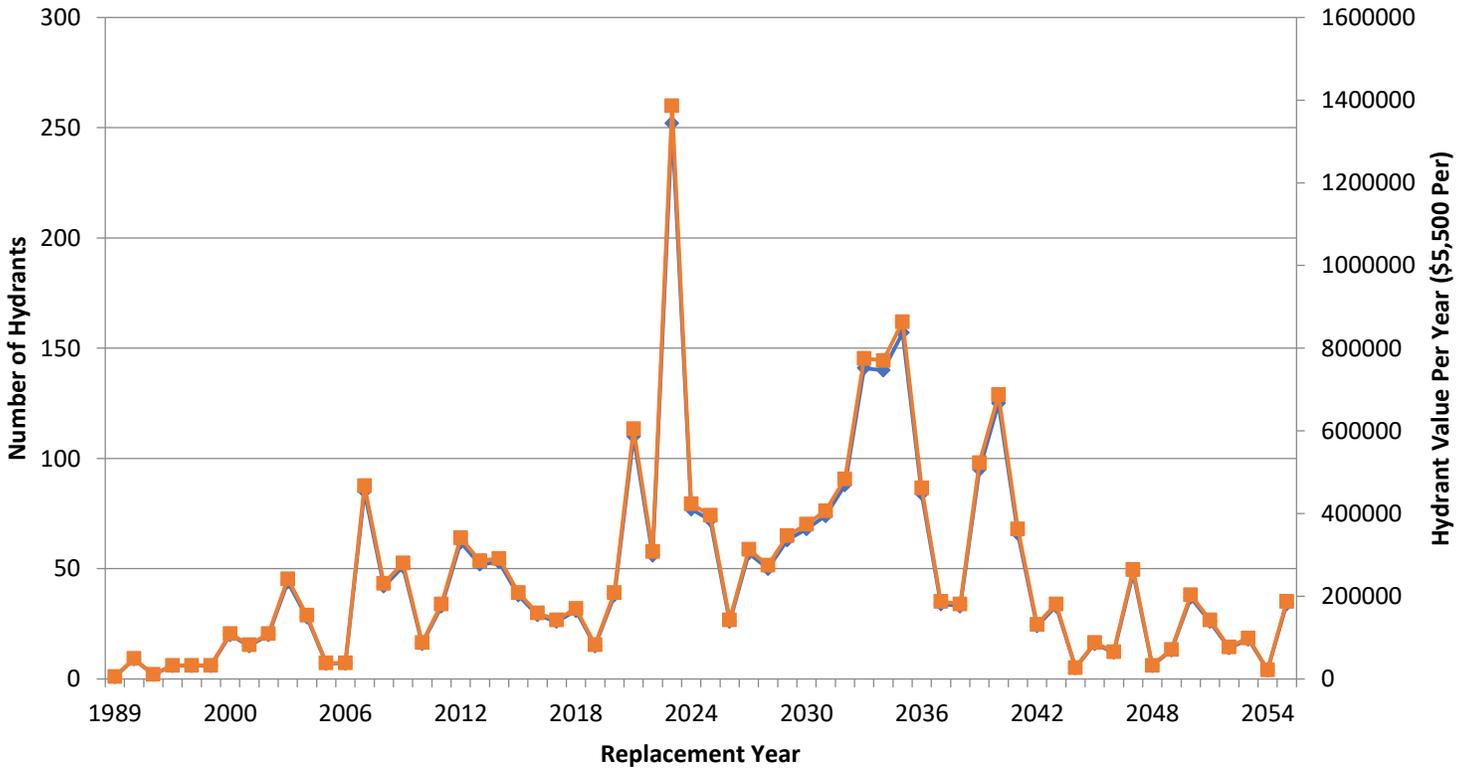
Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	180,000	180,000	180,000	180,000	720,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 720,000

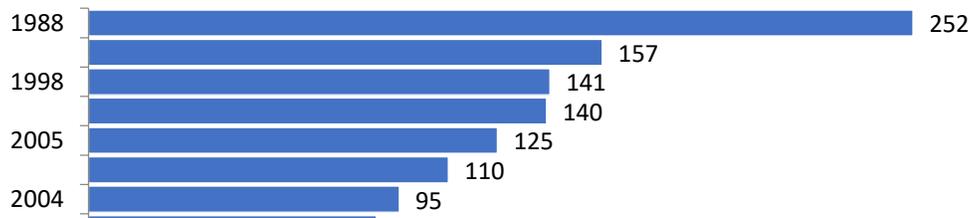
Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Hydrant Replacement Year Base on 35 - Year Life (AWWA Standard)



Top 10 Years for Hydrants Installation with City Growth





Environmental Service Project Charter For Division Internal Use Below

Project Name Annual Fire Hydrant Replacement

Account Number 210541

Project Number WTR0048 WA????

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance*

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Annual Valve Replacement Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0049 WA????
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

Annual Replacement of main line valves in the water distribution system, this doesn't include any service line valves or curb stops. The current funding level for this replaces about 20 per year

Justification:

Based on the recommended American Water Works standards the replacement life of main line valves every 35 years. Unlike the fire hydrant the city doesn't have a clean records of valve installation age . This is a project will work with GIS in the future to improve our data base. Currently the city has a estimated 3,750 valves valued at \$33,750,000 in the distribution system. Based on the 35 year life the city should be replacing about 107 valves annually at a cost of \$963,000

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	180,000.00	180,000.00	180,000.00	180,000.00	720,000.00
Construction Engineering - 56160					-
Additional Equipment -56209					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 720,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	180,000		180,000	180,000	180,000	720,000
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 180,000		\$ 180,000	\$ 180,000	\$ 180,000	\$ 720,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Annual Valve Replacement

Account Number 210541

Project Number WTR0049 WA????

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Annual Pressure Reducing Valve Replacement Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0050 WAWA5079
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

Annual Replacement of main line pressure reducing valves in the water distribution system. Currently the city has 8 valve in the system. The current funding level for this replaces about 2 per year .

Justification:

Pressure reducing valve aid in controlling pressure between the inner and outer water distribution zones. They also aid in increasing flow from the out zone to the inner zone in time of a high flow like a fire or water main breaks. As of 2018 none of the valve were operational, this put the city in some risk of low fire flow or pressure compliance. In 2019 the city replaced two of the valves. As the city replaces the valves we will review each location in the fire flow model to insure they are located in the proper location or if we can fully eliminate the valve.

Impact on Future Operating Budgets:

Once the valves are replaced they need to be added to a preventive maintenance. This preventive maintenance will aid in keeping the valves operation. But will also extend the life of the valves.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	100,000.00	100,000.00	100,000.00	100,000.00	400,000.00
Construction Engineering - 56160					-
Additional Equipment -56209					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	100,000		100,000	100,000	100,000	400,000
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 100,000		\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Annual Pressure Reducing Valve Replacement

Account Number 210541

Project Number WTR0050 WAWA5079

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name West Main, Walnut & 14th Alley Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0051 WA5080
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page) :

The design, construction and construction oversight of the water main at the following locations. 1. The removal of water main in the parking lot of 7 Eleven and from behind business of Dunkin Donuts, Carquest and Just Kabobs. This water main will be relocated to Walnut Street. 2. Finish looping the water main between 14th st and Maint Street alley. Move the service line connections from the water main in 14th St alley to the newly installed water main . Disconnect and

Justification:

This is a continuation of water improvements next to the new polices station. Project #1 the removal of the water main from the rear property lines of main street business list above. The project is a result of several water main breaks over the couple of years that have continued to disrupt main street business. The new project will replace ageing water main that has continued to fail. Project #2 is the finishing of water main that was installed as part of the new police station. This part of the project will again remove ageing water main from the alley and connect the apartments to service line created as part of the new water main in 2019.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	32,000.00				32,000.00
Construction - 56101		350,000.00			350,000.00
Construction Engineering - 56160		32,000.00			32,000.00
Additional Equipment -56209					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 32,000	\$ 382,000	\$ -	\$ -	\$ 414,000

Environmental Service Project Charter For Division Internal Use Below

Project Name West Main, Walnut & 14th Alley

Account Number 210541

Project Number WTR0051 WA5080

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Tyler Road, Rte. 64 & Production Water Main Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0052 WA5081
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page) :

The design, construction and construction oversight of the water main crossing of Rte. 64 at Tyler Road, along Tyler Road from Rte. 64 to Production Drive, along Production Drive from Tyler to Industrial Dr, and on Industrial South to dead end.

Justification:

The water main as describe above dates the early 1960's, this area continues to experience serval water main breaks. The section under Rte. 64 is currently isolated due to leak under the highway. The city has run flow models on theRt64 crossing to see if it provided any value to the city. It was discover without this section of water main, area fire flow is diminished. A diminished fire flow will have a impact on the local business, including insurance and fire protection design. It is the recommendation to replace the Rte. 64 crossing at Tyler Road. The rest of the project replaces the last sections of aging water main on Tyler and Production Drive. Historically over the last decade the city has replace the water mains leading into this area. The water main along Production continues to break frequently causing business disruptions and increase in complaints.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

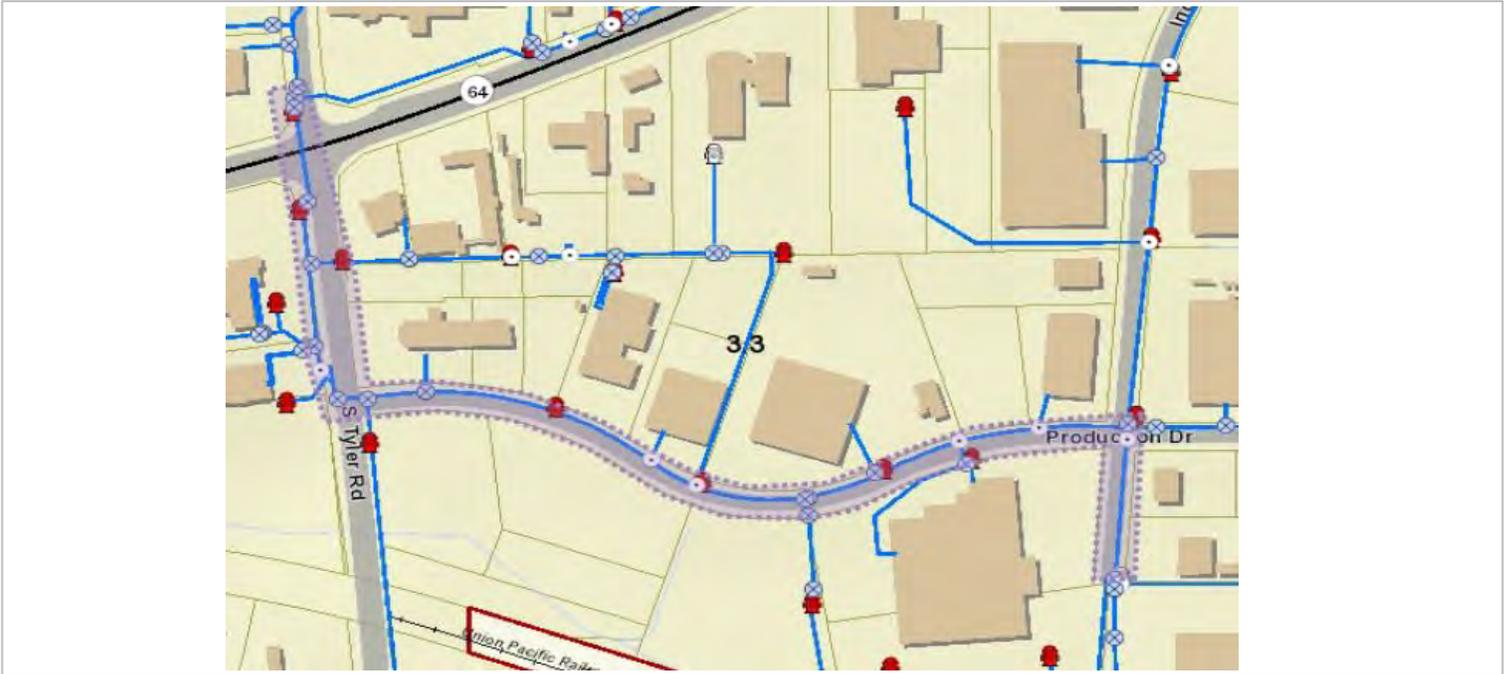
Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	77,000.00				77,000.00
Construction - 56101		800,000.00			800,000.00
Construction Engineering - 56160		136,000.00			136,000.00
Additional Equipment -56209					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 77,000	\$ 936,000	\$ -	\$ -	\$ 1,013,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	77,000	936,000			1,013,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 77,000	\$ 936,000	\$ -	\$ -	\$ 1,013,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Tyler Road, Rte. 64 & Production Water Main

Account Number 210541

Project Number WTR0052 WA5081

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Water Well Development (Test Drilling) Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0053 WA5082
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page) :

Test drilling of suitable drinking water locations this include the observation of contracted test drilling services. Including the driller in providing geotechnical briefs on the test hole water production.

Justification:

To continue to meet he demands of community growth and the required EPA regulating capacity requirements. The City will need to drill additional wells. Test drilling and testing of underground aquafers is the first step of the process. This test drilling and associated report on aquifer will aid in the overall design of the city water system.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170	130,000.00				130,000.00
Design Engineering - 56150					-
Construction - 56101					-
Construction Engineering - 56160					-
Additional Equipment -56209					-
Operating Expense					-
Other Expense					-
Total Project Costs by Year	\$ 130,000	\$ -	\$ -	\$ -	\$ 130,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues	130,000					130,000
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ 130,000		\$ -	\$ -	\$ -	\$ 130,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Water Well Development (Test Drilling)

Account Number 210541

Project Number WTR0053 WA5082

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Well #7 to Well #13 Including Iron Treatment Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Water
 Account Number 210541 Project Number WTR0054 WA5084
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$ 467,000

Project Scope/Description (Please add additional narrative/pictures on next page) :

The design, construction, construction oversight of the combining of Well #7 to Well #13. This project will include finishing the trunk water main between the wells, adding additional filtration to the well #13 site, upgrading the sewer handling.

Justification:

Well # 7 was originally constructed in 1965. Currently the city treatment at well #7 has reach the end of life and is unable to treat the iron with the current filtration. The city has study the cost of rehabilitation the existing well site vs combining the well #7 location into a common filtration building at Well #13. The cost to rehabilitation the existing well #7 site was estimated to be 1.1 Million more then connecting well #7 to the well #13 site. The abandonment of Well #7 is not a option as the city needs the well capacity to meet the regulatory requirements of the EPA.

Impact on Future Operating Budgets:

If the council decides to add soft water to the project, the overall cost and schedule will be impacted.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	#####				4,810,100.00
Construction Engineering - 56160	481,010.00				481,010.00
Additional Equipment -56209					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 5,291,110	\$ -	\$ -	\$ -	\$ 5,291,110

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues					-
Water Revenues					-
EPA Loan	5,291,110				5,291,110
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 5,291,110	\$ -	\$ -	\$ -	\$ 5,291,110

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Environmental Service Project Charter For Division Internal Use Below

Project Name Well #7 to Well #13 Including Iron Treatment

Account Number 210541

Project Number WTR0054 WA5084

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Wastewater Pump Replacement Date: 01.19.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Wastewater
 Account Number _____ Project Number WW5012
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

This project is to purchase new sewer pumps that are located with in the wastewater plants or lift stations.

Justification:

Continued replacements is need based on life, maintenance cost, change in conditions, and several other factors. This pumps are with in the lift stations and wastewater treatment plants. They typically are critical to the operation of the plant.

Impact on Future Operating Budgets:

This plan is the based off of operating hour, life and historic failure. At any time a pump could fail that wasn't planned for and may need to be added to the budget.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101					-
Construction Engineering - 56160	94,000.00	38,000.00	25,000.00	25,000.00	182,000.00
Equipment -5002					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 94,000	\$ 38,000	\$ 25,000	\$ 25,000	\$ 182,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues						-
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ -		\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Wastewater Pump Replacement

Account Number 0

Project Number WW5012

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Wastewater Utility Study Date: 01.19.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Wastewater
 Account Number _____ Project Number WW5013
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds _____

Project Scope/Description (Please add additional narrative/pictures on next page):

This project is complete the waste water utility study. This study is need to obtain EPA or other federal funding. The utility study will review the entire wastewater system including collection, lift station and treatment. It review each of the cities assets and defines deficiencies. The study also review the operations of the system in compliance with state and federal

Justification:

The waste water utility study is to aid the city in both short and long term planning. This study is similar to a project charter and is needed first step in obtaining state and federal funding. This study is used by staff to create the long term capital plan This study is used in setting the need for long term rates and fees. This study will also exam coming regulations that will have a impact on the city operations. This study is completed every five years.

Impact on Future Operating Budgets:

This plan is the based off of operating hour, life and historic failure. At any time a pump could fail that wasn't planned for and may need to be added to the budget.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101					-
Construction Engineering - 56160	94,000.00	38,000.00	25,000.00	25,000.00	182,000.00
Equipment -5002					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 94,000	\$ 38,000	\$ 25,000	\$ 25,000	\$ 182,000

Funding:

Source	FY 2021		FY2022	FY 2023	FY 2024	Total
Electric Revenues						-
Wastewater Revenues						-
Water Revenues						-
EPA Loan						-
Issuance of Debt (Bond or Other)						-
Previously Identified Funding						-
<i>Total Project Costs by Year</i>	\$ -		\$ -	\$ -	\$ -	\$ -

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :

Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Wastewater Utility Study

Account Number 0

Project Number WW5013

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Primary Clarifiers Rehabilitation Main Plant Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Wastewater
 Account Number 220551 Project Number WWP0004 WW2025
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$ 34,300

Project Scope/Description (Please add additional narrative/pictures on next page) :

Primary Clarifier Rehabilitation this project is a series of smaller projects addressing several equipment replacements and structural maintenance. The equipment includes items dating from 1972 to 2000 including drives, motors, pump, decking covers and grit handling unit. Design engineering has aid in creating bid documents and equipment specification. Due to the specialized equipment several bids will be awarded for the work.

Justification:

The Primary clarification units where originally installed in 1950 with expansion to their abilities 1972 and 2000. At this time the tanks continue to serve there design purpose several mechanical items need to maintain or replace to continue operation.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	489,000.00				489,000.00
Construction Engineering - 56160	34,300.00				34,300.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 523,300	\$ -	\$ -	\$ -	\$ 523,300

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	523,300				523,300
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 523,300	\$ -	\$ -	\$ -	\$ 523,300

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Environmental Service Project Charter For Division Internal Use Below

Project Name Primary Clarifiers Rehabilitation Main Plant

Account Number 220551

Project Number WWP0004 WW2025

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Primary Clarifiers Rehabilitation Main Plant Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Wastewater Connection Account
 Account Number 220553 Project Number WWP0007 WW4000
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$ 1,260,000

Project Scope/Description (Please add additional narrative/pictures on next page) :

The design portion of the Westside Wastewater Treatment project is budgeted for this fiscal year. The existing facility functions at 0.7 million gallons a day (MGD) and is reaching capacity to service existing customer and approved developments. This project will expand capacity of the facility to 1.05 MGD, serving future developments on the west side of the city and easing demand on the existing facility. The expansion of the treatment facility will require an upgrade of the biological waste water treatment process to address recently promulgated and pending environmental regulations. The regulatory demands that will be addressed within this section include: nutrient removal, phosphorus removal, suspended solids effluent requirements, bio-solids stabilization and several other regulated treatment capabilities. Construction bid advertisements are anticipated to go out the beginning of FY20/21 with the design of the facility expected to be completed

Justification:

The current west WWTP is near full capacity, per EPA regulation it requires a expansion project. Or the City will need to slow western development project. Per the EPA discharge Permit the city will need to meet 1.0 Phosphorus removal on completion of the plant. With additional phosphorus limit of 0.5 by 2030.

Impact on Future Operating Budgets:

If city counsel decides to implement soft water, it will have a impact on the west side capacity and treatment that is currently under design.

Project Phases and Related Costs:

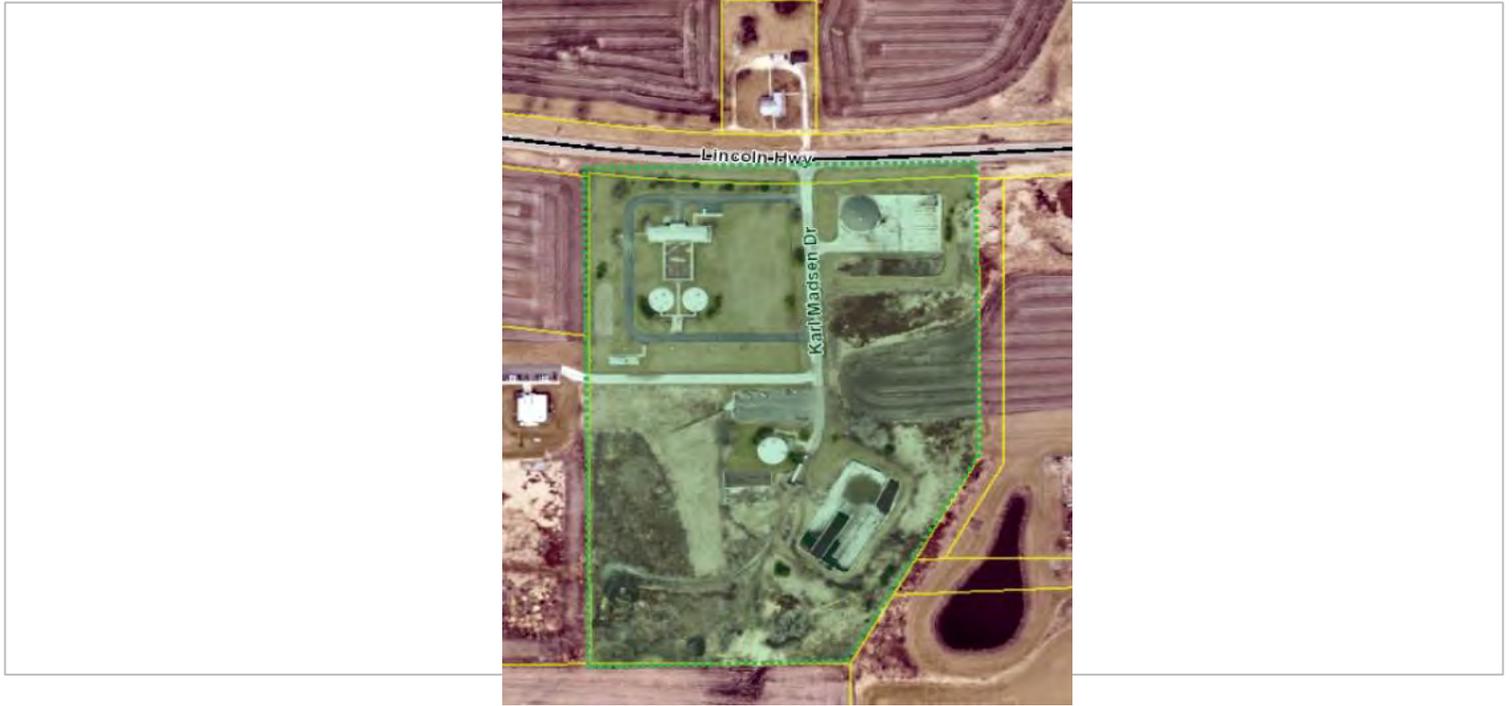
Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	#####				16,500,000.00
Construction Engineering - 56160	1,260,000.00				1,260,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 17,760,000	\$ -	\$ -	\$ -	\$ 17,760,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues					-
Water Revenues					-
EPA Loan	19,020,000				19,020,000
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 19,020,000	\$ -	\$ -	\$ -	\$ 19,020,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Additional Explanation/Narrative:

Environmental Service Project Charter For Division Internal Use Below

Project Name Primary Clarifiers Rehabilitation Main Plant

Account Number 220553

Project Number WWP0007 WW4000

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name Riverside Lift Station Replacement Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Wastewater
 Account Number 220551 Project Number WWP0010 WW5004
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$ 352,600

Project Scope/Description (Please add additional narrative/pictures on next page) :

The project will include the design, construction and construction oversight. The project is located along Riverside Ave at the intersection of Devereaux Way. The project will look at the general area, and take into consideration additional public improvements, safety and public access. This will include the current bike path crossing with several safety concerns around the area of Langum Park.

Justification:

The current lift station is built on the original city sewer treatment plant foundation from the early 1920's. Because the site has been reused over the years some of the foundations are starting to show signs of failure and sinking. The lift station is a critical infrastructure to the waste water plant. Without its continues operation the large service area of about 26,000 P.E. will be impacted with service issues. The current plant receives a average daily flow of 2.5 Million Gallons a Day; with peak wet weather flows nearly 30 Million Gallons a Day. Recent flood plan regulation passed in 2018 prohibits critical infrastructure from being rebuilt in the flood plans. The Lift station current location on the river banks will need to reconsidered. The city will review several options for the new placement of the lift station during the design phases.

Impact on Future Operating Budgets:

During the design phase the public works team will continue to review current conditions and new solution of for the placement of the Riverside lift Station.

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150	318,000.00				318,000.00
Construction - 56101		9,000,000.00			9,000,000.00
Construction Engineering - 56160		850,000.00			850,000.00
Additional Equipment					-
Operating Expense					
Other Expense					-
Total Project Costs by Year	\$ 318,000	\$ 9,850,000	\$ -	\$ -	\$ 10,168,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues					-
Water Revenues					-
EPA Loan		10,520,600			10,520,600
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ -	\$ 10,520,600	\$ -	\$ -	\$ 10,520,600

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



Environmental Service Project Charter For Division Internal Use Below

Project Name Riverside Lift Station Replacement

Account Number 220551

Project Number WWP0010 WW5004

CIP Status (*New, Current, Roll Forward, Past CIP*) _____ Priority Level (1-3) *1= low 3= critical or compliance* _____

Entered into Environmental Services Microsoft Project _____

Primary Project Manager _____

Secondary Project Manager _____

Project Phases and Primary Schedule:

Phase/Description: <i>(note not all phase apply)</i>	Estimated Projected Time Schedule (Milestones & Target Dates)			
	FY 2021	FY2022	FY 2023	FY 2024
Project Assessment				
Project Approval				
EPA/Outside Funding Submittal				
Engineering RFQ or RFP Advertisement				
Engineering Award GSC				
Design Engineering				
Funding Public Hearing				
Construction Bid and Award Management				
Construction				
Construction Oversight Engineering				
Equipment Purchase				
Startup				
Others				

PROJECT DESCRIPTION WORKSHEET (To be completed when total project cost exceeds \$100,000)

Project Name WW Facilities Beatification Plan Date: 01.16.2020
 Department/Division Public Works - Environmental Services Revised Date _____
 Division Budget Wastewater
 Account Number 220551 Project Number WWP0020 WW2036
 Project Type New Project Replacement Maintenance Prepared By Tim Wilson
 Operations Capital Previously Expended Funds \$ 30,000

Project Scope/Description (Please add additional narrative/pictures on next page) :

The project will include the design, construction and construction oversight of the Facilities Beautification. This is a effort to improve the overall appearance of the city owned properties. This budget line items will cover the cost to improve the landscaping at the Wastewater facilities including all of the lift stations that are typically neighboring residential homes.

Justification:

This is a good neighbor policy by improving the overall appearance of the city own facilities. These landscaping improvements will help with the overall good will with our neighbors. At the main wastewater plant the bike path runs along the overgrown, disrepair fence line .The proposed improvement at this location will improve the site security, bike path appearance and user safety. The proposed improvement will eliminate the old fence and brush over hanging the path. A new wood fence and low maintenance landscaping would be installed. The fence will improve the current industrial look that path user and neighbors currently have. The Project proposed for FY 2022 will moves inside of the fence improving the overall appearance, security and safety of the wastewater plant. This project will help eliminate sightlines to open sewer tanks and other unsightly features. It will also create physical barriers to areas with gasses and other safety concerns. The out years will move to the lift stations, finishing the landscaping improvements.

Impact on Future Operating Budgets:

Project Phases and Related Costs:

Phase/Description:	FY 2021	FY2022	FY 2023	FY 2024	Total
Previously Expended Funds		-	-	-	-
EPA Funding Study - 56170					-
Design Engineering - 56150					-
Construction - 56101	75,000.00	136,000.00	30,000.00	30,000.00	271,000.00
Construction Engineering - 56160					-
Additional Equipment					-
Operating Expense					-
Other Expense					-
Total Project Costs by Year	\$ 75,000	\$ 136,000	\$ 30,000	\$ 30,000	\$ 271,000

Funding:

Source	FY 2021	FY2022	FY 2023	FY 2024	Total
Electric Revenues					-
Wastewater Revenues	750,000	136,000	30,000	30,000	946,000
Water Revenues					-
EPA Loan					-
Issuance of Debt (Bond or Other)					-
Previously Identified Funding					-
Total Project Costs by Year	\$ 750,000	\$ 136,000	\$ 30,000	\$ 30,000	\$ 946,000

Please add Photo(s) and additional Narrative on this page as necessary

Photo(s) or GIS Map Showing the Project Location :



City of St. Charles
Glossary
FY 2020-2021 Budget

Abatement - A partial or complete cancellation of a levy imposed by the City. Abatements usually apply to tax levies, special assessments and service charges.

Accountability - The condition, quality, fact or instance of being obliged to reckon or report for actions or outcomes.

Accrual basis of accounting – A method of accounting that recognizes financial transactions when they occur regardless of the time of the intake of cash.

Activity – A specific service performed by a component unit of a governmental organization that is responsible for a function, such as police, is an activity of the public safety function.

Agency Fund - A fund normally used to account for assets held by a government as an agent for individuals, private organizations or other governments and/or other funds.

Annexation - The incorporation of land into an existing city with a resulting change in the boundaries of that city.

Appropriation - A specific amount of money authorized by City Council to make expenditures and incur obligations for specific purposes, frequently used interchangeably with "expenditures."

Assessed Value - A valuation set upon real estate or other property by the Township Property Appraiser as a basis for levying taxes.

Asset allocation – The process to determine which types of investments are to be included in the composition of an overall investment portfolio.

Audit - A systematic collection of sufficient, competent evidential matter needed to attest to the fairness of the presentation of the City's financial statements. The audit tests the City's accounting system to determine whether the internal accounting controls are both available and being used.

Available Fund Balance - That portion of fund balance collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period.

Balance Sheet - That portion of the City's financial statement that discloses the assets, liabilities, reserves and balances of a specific governmental fund as of a specific date.

Basis of Accounting - A term used when revenues, expenditures, expenses, transfers, assets and liabilities are recognized in the accounts and reported in the financial statements. Specifically, it relates to the timing of the measurements made, regardless of the nature of the measurement, on the cash, modified accrual or the accrual method.

Basis of budgeting – A method used to determine the recognition of Revenues and Expenditures for the budgetary process.

City of St. Charles
Glossary
FY 2020-2021 Budget

Benchmarking - Comparing one's own performance to that of their past performance or to that of comparable communities.

Bond - A written promise to pay a specified sum of money, called face value or principal, at a specified date in the future, called maturity date, together with periodic interest at a specified rate.

Bond Refinancing - The payoff and re-issuance of bonds, to obtain better interest rates and or bond conditions.

Bottom Line - This is a common expression, most often used in private industry that refers to the profitability of a particular organization or entity.

Budget - A comprehensive financial plan of operations which attempts to allocate limited revenues among competing expenditure requirements for a given time period.

Budgetary Control - The control or management of a governmental unit or enterprise in accordance with an approved budget for the purpose of keeping expenditures within the limitations of authorized appropriations and available revenues.

Budget Revision - A change to the adopted budget as authorized by the City Council.

Business-type activities – One of two classes of activities reported on government-wide financial statements. Business-type activities are financed in whole or in part by fees charged to external parties for goods or services. These activities are usually reported in enterprise funds.

CALEA - Commission on Accreditation of Law Enforcement Agencies.

Capital Budget - The appropriation of bonds or operating revenue for improvements to facilities and other infrastructure.

Capital Equipment - Equipment with a value in excess of \$25,000 and an expected life of more than five years such as automobiles, data processing equipment and furniture.

Capital Improvements - Charges for the acquisition at the delivered price including transportation costs, of equipment, land, buildings, or improvements of land or buildings, fixtures, and other permanent improvements with a value in excess of \$25,000 and a useful life expectancy of at least two years.

Capital Improvement Project - An undertaking that has a specific objective, can be easily distinguishable from other work being performed, has a definite beginning and end, does not occur annually, and has a total cost in excess of \$100,000.

Capital Outlay - Expenditures that result in the acquisition of or addition to fixed assets.

Capital Projects Fund - Used to account for financial resources to be used for the acquisition or construction of major capital facilities (other than those financed by proprietary funds).

City of St. Charles
Glossary
FY 2020-2021 Budget

Cash basis of accounting – Basis of accounting that recognizes transactions or events when related cash amounts are received or disbursed.

Cash Management - The management of cash necessary to pay for government services while investing temporary cash excesses in order to earn interest revenue. Cash management refers to the activities of forecasting the inflows and outflows of cash, mobilizing cash to improve its availability for investment, establishing and maintaining banking relationships, and investing funds in order to achieve the balance of the highest interest and return, liquidity, and minimal risk with these temporary cash balances.

Charges for Service - User charges for services provided by the City to those specifically benefiting from those services.

Commodities - Items which, after use, are consumed or show material change in or an appreciable impairment of their physical condition, and which generally have limited value and are characterized by rapid depreciation.

Comparable Communities - Those communities, as designated by council, which contain some of the same characteristics as St. Charles. Comparative communities can be used as a "yardstick" in which to measure the policies and procedures of St. Charles.

Comprehensive Plan - An official public document adopted by a local government as a policy guide to decisions about the physical development of the community. It is a general long-range physical plan.

Constituent - One represented politically or in business; a voter; client.

Contingency - The appropriation of reserve funds for future allocation in the event specific budget allotments have expired and additional funds are needed.

Covenant - An agreement entered into by two or more parties. A covenant is entered into when a local government issues a bond. The terms of the bond issue must be clearly stated in the covenant.

Debt - A financial obligation resulting from the borrowing of money. Debts of government include bonds, notes, and land contracts.

Debt Ratio - Ratios that provide a measure of assessing debt load and ability to repay debt, which play a part in the determination of credit ratings. They are used to evaluate the City's debt position over time and against its own standards and policies.

Debt Service - The payment of principal and interest on borrowed funds.

Debt Service Funds - Used to account for the accumulation of resources for, and the payment of, general long-term debt principal and interest.

Deficit - The excess of expenditures or expenses over revenues or income during a single accounting period.

Department - An organizational unit responsible for carrying out a major governmental function, such as Finance or Public Works.

City of St. Charles
Glossary
FY 2020-2021 Budget

Depreciation - The decrease in value of physical assets due to use and the passage of time.

Discretionary Income - Income that is not specifically allocated for an expense and or income that allows for a certain level of "freedom" on how that money may be spent.

Elasticity - Increasing or diminishing readily in response to a changing stimulus. Sales taxes are very elastic because the amount of taxes collected increases with sales and decreases when sales are low. The stimulus is the economy, which has a direct effect on the purchasing power of citizens, which translates into sales tax revenues.

Encumbrance - The commitment of appropriated funds to purchase an item or service. To encumber funds means to set aside or commit funds for a future expenditure.

Enterprise Fund - Used to account for operations (a) that are financed and operated in a manner similar to private business enterprises - where the costs of providing goods or services are financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

Equalized Assessed Value - The value of property resulting from the multiplication of the assessed value by an equalization factor to make all property in Illinois equal one-third of its market value.

Equalization Factor - A factor determined by the State which when applied to the counties' assessed value will cause all property to equal one-third of its market value.

Expenditures - Decreases in net financial resources. Expenditures include current operating expenses requiring the present or future use of net current assets, debt service and capital outlays, and intergovernmental transfers.

Expenses - Charges incurred, whether paid or unpaid, resulting from the delivery of goods or services.

Facade - The front, visible part, or most conspicuous component of a building. St. Charles has implemented a facade improvement program for its downtown businesses, in an effort to revitalize the area.

Fiduciary Funds - Funds that are used when a government holds or manages financial resources in an agent or fiduciary capacity.

Fiscal Policies - The City's policies with respect to revenues, spending, and debt management as these relate to government services, programs and capital investment. Fiscal policy provides an agreed upon set of principles for the planning and programming of government budgets and their funding.

Fiscal Year (FY) - Any consecutive twelve-month period designated as the budget year. The City's budget year begins May 1, and ends April 30 of the following calendar year.

Fixed Assets - Assets of a long-term character which are intended to continue to be held or used. Examples of fixed assets include items such as land, buildings, machinery, furniture, and other equipment.

City of St. Charles
Glossary
FY 2020-2021 Budget

Franchise Fee - A fee paid by public service businesses for use of City streets, alleys and property in providing their services to the citizens of a community. Services requiring franchises include telephone, natural gas and cable television.

Full Time Equivalent (FTE) - A standardized unit of measure used to determine the equivalent number of full-time employees. It is calculated by dividing the total hours actually worked or planned for a job class (regular and overtime) by a standard number of hours a full-time employee would work for the job class.

Fund – Fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities, residual equities, revenues, and expenditures, or balances, and changes therein, that are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, or limitations.

Fund Balance - The fund equity of governmental funds. Changes in fund balances are the result of the difference of revenues to expenditures. Fund balances increase when revenues exceed expenditures and decrease when expenditures exceed revenues.

Generally Accepted Accounting Principles - Uniform minimum standards and guidelines for financial accounting and reporting. They govern the form and content of the financial statements of an entity. GAAP encompass the conventions, rules and procedures necessary to define accepted accounting practice at a particular time. They include not only broad guidelines of general application, but also detailed practices and procedures. GAAP provide a standard by which to measure financial presentations. The primary authoritative body on the application of GAAP to state and local governments is the Governmental Accounting Standards Board (GASB).

General Fund - The general operating fund of the City. It is used to account for all financial resources except those required to be accounted for in another fund.

General Obligation Bonds - Those bonds that are backed by the "full faith and credit" of a municipality. The taxing power of local government is pledged in the covenant of one of these bond issues.

Goal - A long-range desirable development attained by objectives designed to implement a strategy.

Governmental Fund Types - Funds that account for a government's "governmental-type" activities. These funds are the general fund, special revenue funds, debt service funds and capital project funds.

Grant - Contributions or gifts of cash or other assets from another government to be used for a specified purpose, activity, or facility. Grants may be classified as either categorical or block, depending on the amount of discretion allowed the grantee.

Home Rule Municipality - A home rule unit may exercise any power and perform any function pertaining to its government and affairs, including, but not limited to, the power to regulate for the protection of public health, safety, morals and welfare; to license; to tax; and to incur debt, unless preempted by the State of Illinois. A municipality is granted powers under home-rule if their population reaches 25,000 or by referendum.

City of St. Charles
Glossary
FY 2020-2021 Budget

Improvements - The necessary changes to a parcel(s) of land that is required for its future development. These often include modifications of the roadways, water and sewer mains, and the parcels' capacity for electricity.

IMRF - Illinois Municipal Retirement Fund. Retirement system established for municipal employees of the state.

Income - A term used in proprietary fund type accounting to represent: (1) revenues; or (2) the excess of revenues over expenses.

Infrastructure - The permanent foundation or essential elements of a municipality. Roadways are a component of a local government's infrastructure.

Installment Contract - A financing method whereby the City contracts with a vendor to pay for equipment, an improvement, or construction over a period of time not to exceed ten years. The contractor makes an assignment of the rights to payment to a financial institution in return for payment of the original contracted price.

Interfund Transfer - Payment from one fund to another fund primarily for work or services provided.

Intergovernmental Revenues - Revenues from other governments in the form of grants, entitlement, shared revenues, or payments in lieu of taxes.

Internal Service Fund - Funds used to account for the financing of goods or services provided by one department to another on a cost reimbursement basis.

Investment - The placing of money, capital, or other resources to gain a profit, as in interest.

LEADS - Law Enforcement Agency Data System is a system used as a nationwide tool to track criminal activity, such as warrants for arrest and missing persons.

Levy - (Verb) To impose taxes, special assessments, or service charges for the support of governmental activities. (Noun) The total amount of taxes, special assessments or service charges imposed by the City.

Liability - Debt or other legal obligations arising out of transactions in the past, which must be liquidated, renewed or refunded at some future date.

Line Item - A specific item or group of similar items defined by detail in a unique account in the financial records. Revenue and expenditure justifications are reviewed, anticipated and appropriated at this level.

Liquidity - The amount of cash and easily sold securities a local government has at one time.

Millage - The tax rate on real property based on \$1.00 per \$1,000 of assessed property value.

Mobile Data Terminals (MDT) - Mobile Data Terminals are terminals that will allow police officers instant access from the squad cars to the National Crime Information Center. This will allow the officer to immediately check on stolen property or check a warrant.

City of St. Charles
Glossary
FY 2020-2021 Budget

Modified Accrual Accounting - A basis of accounting in which revenues are recorded when collectable within the current period or soon enough thereafter to be used to pay liabilities of the current period, and expenditures are recognized when the related liability is incurred. Governmental fund types utilize this basis of accounting.

MFT - Motor Fuel Tax is a tax on fuel consumption. Distribution of the tax collected is based on population. There are also state-funded programs for street resurfacing, curb and gutter work and storm sewer work.

Net Income - Proprietary fund excess of operating revenues, non-operating revenues, and operating transfers-in over operating expenses, non-operating expenses, and operating transfers-out.

Non-operating Expenditures - The costs of government services which are not directly attributable to a specific City program or operation. Examples include debt service obligations and contributions to Human Service organizations.

Non-operating Revenues - The incomes received by the government, which are not directly attributable to providing a service. An example would be interest on investments.

Objective - Something to be accomplished in specific, well-defined, and measurable terms and is achievable within a specific time frame.

Operating Budget - A financial plan that presents proposed expenditures for the fiscal year and estimates of revenue to finance them.

Part I Offenses - According to the Uniform Crime Report of the Federal Bureau of Investigation, these offenses include murder, manslaughter, rape, robbery, assault, and property crimes of burglary, larceny-theft, motor vehicle theft, and arson.

Part II Offenses - These are all criminal offenses that are not categorized as a Part I offense.

Performance Budget - A budget that focuses on activities rather than line items. Work load and unit cost data are collected in order to assess the efficiency of services.

Performance Indicators - Specific quantitative and qualitative measures of work performed as an objective of the department.

Portfolio - A compilation of investments held by an entity.

Privatization - The transfer of services from the public sector to the private sector in an attempt to save tax dollars. This has been done to varying degrees and levels of success across the country.

Private Sector - Business owned and operated by private individuals, as opposed to government-owned operations.

Public Sector - The policies and procedures as conducted by local governments, states and the federal government. The majority of these activities are financed through tax levies.

City of St. Charles
Glossary
FY 2020-2021 Budget

Program - An organized set of related work activities within a bureau of a department, which are directed toward a common purpose or goal and represent a well-defined use of City resources. Each City department usually is responsible for a number of related service programs.

Program Budget - A budget that structures budget choices and information in terms of "programs and their related" work activities, (i.e., repairing roads, treating water, etc.). A program budget provides information on what each program is committed to accomplish in the long run (goals) and in the short run (objectives), and measures the degree of achievement of program objectives (performance measures).

Property Tax - A tax levied on the assessed value of real property (also known as "ad valorem taxes").

Proprietary Fund Types - The classification used to account for the City's ongoing organizations and activities that are similar to those often found in the private sector (i.e., enterprise and internal service funds). All assets, liabilities, equities, revenues, expenses and transfers relating to the government's business and quasi-business activities are accounted for through proprietary funds. The Generally Accepted Accounting Principles (GAAP) used are generally those applicable to similar businesses in the private sector and the measurement focus is on determination of net income, financial position and changes in financial position. However, where the Governmental Accounting Standards Board (GASB) has issued pronouncements applicable to those entities and activities, they should be guided by these pronouncements.

Referendum - The submission of a proposed public measure or law, which has been passed upon by legislature or convention, to a vote of the people for ratification or rejection.

Revenue Bonds - Bonds whose principal and interest are payable exclusively from earnings of a specific, defined activity or facility which can be public, quasi-public, or private.

Retained Earnings - An equity account reflecting the accumulated earnings of the City's proprietary funds.

Revenues - Funds that the government receives as income. It includes such items as tax receipts, fees from specific services, receipts from other governments, fines, forfeitures, grants, shared revenues and interest income.

SCADA - Supervisory Control and Data Acquisition. Computer controlled system operation and information in regards to the city's electrical and water system.

SEA Reporting - Service Efforts and Accomplishments Reporting. This is a highly structured form of performance reporting as developed by the Governmental Accounting Standards Board (GASB).

Special Assessment Bond - Bonds payable by property owners to defray the cost of a specific capital improvement deemed to benefit primarily those properties. Each property is responsible for an amount determined to be equal to the benefit received.

Special Revenue Funds - Funds used to account for the proceeds of specific revenue sources (other than special assessments, expendable trusts, or major capital projects) that are legally restricted to expenditures for specified purposes.

City of St. Charles
Glossary
FY 2020-2021 Budget

Special Service Area Bond - Bonds payable by property owners to defray the cost of a capital improvement or City services above those typically provided deemed to benefit primarily those properties. Each property owner is responsible for an amount equal to the value of their property compared to all others.

Tax Levy - The total amount to be raised by general property taxes for operating and debt service purposes.

Tax Rate - The amount of tax levied for each \$100 of assessed valuation.

Tax Increment Finance District (TIF) – A special district established to revitalize a degenerating parcel of land/building funded through incremental property taxes.

Trust and Agency Funds - Funds used to account for assets held by the City in a trustee capacity or as an agent for individuals, private organizations, other governments, and/or other funds.

Unearned revenue – Specific type of deferred revenue that does not involve the application of the availability criterion, and therefore applies equally to both accrual and modified accrual financial statements.

User Fees – A fee charged for receipt of a public service to the party who benefits from the service

Working Capital - This term generally refers to current assets minus current liabilities. Some organizations may exclude certain current assets (e.g. inventory) from this general formula.

Yield - The yield on a fixed-income security is its current rate until maturity, based on its face value, its current market price and any interest coupons.

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