



CITY OF WOODSTOCK

ILLINOIS

"True to its past...Confident of its future"

FY20/21—FY29/30 CIP Document



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Schedule of Public Officials

Members of the City Council

Dr. Brian Sager, Mayor

Councilman Darrin Flynn

Councilwoman Lisa Lohmeyer

Councilwoman Wendy Piersall

Councilman Jim Prindiville

Councilman Gordie Tebo

Councilman Michael Turner

Cindy Smiley, City Clerk

Department Directors & Primary Administrators

Roscoe C. Stelford III

City Manager

Paul N. Christensen

Assistant City Manager / Finance Director

Garrett Anderson, Economic Development Director

Daniel Campbell, Opera House Director

Anne George, Wastewater Superintendent

Aaron Grosskopf, Streets Superintendent

Arthur Lanz, Deputy Chief of Police

Rob Lamz, Fleet Superintendent

John Lieb, Chief of Police

Chris Lynk, Parks & Facilities Superintendent

Joseph McCormack, Opera House Production Manager

Dan McElmeel, Information Technology Director

Joseph Napolitano, Building & Zoning Director

Shawn Parker, Sewer & Water Maintenance Superintendent

Jeff Parsons, Deputy Chief of Police

Holly Stika, Front of Opera House Manager

Deborah Schober, Human Resources Director

Will Smith, Water Superintendent

Jeff Van Landuyt, Public Works Director

Nick Weber, Library Director

Terry Willcockson, Grants/Communications Manager

J. David Zinnen, Recreation Director

Overview

INTRODUCTION

The FY20/21-FY29/30, 10-Year CIP document represents the City's annual strategic plan to develop a continuous, comprehensive, long-term Capital Improvement Program (CIP) for the community. As was begun two years ago, the City is presenting a ten-year outlook which allows for providing better long-term management of the City's limited financial resources than the previous document provided.

The CIP document as presented is designed to achieve two fundamental objectives: First, to identify the major capital needs of the City over the planning period; and, second, to prioritize and begin planning, both financially and otherwise, via the application of a uniform and objective CIP process, for the scheduled implementation of these improvements. It is a formidable challenge to bring together into a single document the outstanding list of projects for all of the operations of the City and to determine which should be funded and establish a price tag for each. The CIP is updated annually and refinements are made to the process, the projects, and the document itself.

WHAT ARE CAPITAL IMPROVEMENTS?

Capital Improvements are, basically, public improvements that meet a set of pre-determined criteria. They represent projects involving the expenditure of public funds, over and above annual operating expenses, for the purchase, construction, or replacement of physical facilities of a community. Examples include:

- Streets/Signals/Sidewalks
- Parks
- Public Buildings and Facilities
- Water & Sanitary Sewer Systems
- Water & Sewage Treatment Plants

The typical characteristics of capital improvements include the following:

1. They are large in size and/or scope;
2. They have a substantial price tag;
3. They have long-term usefulness and permanence (i.e., 5-30 years);
4. They involve expenditures of a non-recurring nature (i.e., the routine maintenance of the facility once in place becomes part of the annual operating budget);
5. They can include governmental facilities for public service; and
6. They add substantially to the value of the City's fixed assets.

Although most capital improvements share these common characteristics, the actual types of projects included in the CIP vary from community to community. For example, the City of Woodstock has chosen to include major replacement projects, a practice that is common in smaller municipalities with a limited operating budget. For our purposes, the City has defined a CIP project as one with a cost greater than \$10,000 that meets the above guidelines. Projects below this amount will be incorporated within their respective departmental budgets as part of the annual operating budget.

Overview

REPORT OVERVIEW AND METHODOLOGY

An effective CIP can assure the long-term sustainability of the City's infrastructure by establishing a process for addressing maintenance, replacement, and proper fixed asset management over the full life of the City's various capital assets. In addition, proper capital planning can strengthen the City's borrowing position by demonstrating sound fiscal management and showing a commitment to maximizing benefit to the public within our financial resource constraints.

Therefore, CIP revenues are developed to forecast funding available for future capital infrastructure asset needs. The preliminary funding analysis included in this CIP document is also intended to support development of the Annual CIP Budgets. This CIP document provides the City Council and the public an informative capital asset needs setting to support an informed discussion.

DOCUMENT STRUCTURE

The document is broken into five different sections. Each section represents a different operation area of the City. While many of the operational areas of the City have been combined, it is still necessary to separate some as they have completely different and separate funding sources.

General Corporate CIP is the most encompassing of the sections. This section includes the vast majority of the City's projects. It is funded through a dedicated Home Rule Sales Tax, Telecom Tax, and various impact fees.

Library CIP is for the Library's various projects. Since the Library is a component unit and has its own funding sources, it is necessary that these projects be accounted for separately.

TIF CIP will be developed further in FY20/21. The new TIF #2 was established in January 2019, and the first year tax information is still being developed.

Water & Sewer CIP is in its own section since these projects are paid exclusively through user charges.

Water & Sewer Capacity CIP represents projects funded by impact fees specifically limited to improvements that expand the capacity of the City's water/sewer system.

For each section, an overview is provided at the beginning with graphs. Following is a table that outlines the various projects and proposed year(s) for funding. In the rear of each section, detailed descriptions are provided for the various projects, in the same order as presented on the previous table. With the exception of the General Fund – CIP, unfunded projects, if any were unable to be funded, are included at the end of each section outlining the overall costs and assigning a priority level. In the case of the General Fund – CIP, the unfunded projects are reported within a separate section as a separate category. While these projects listed in the unfunded section are deemed worthy of being completed, because of competing funds for other projects, the unfunded projects were determined to be delayed, based on the limited available resources, past the current ten-year period. It is entirely possible that in the future these projects will become funded, as a result of additional revenue generation, these projects are reevaluated and assigned a higher property, or unanticipated grant funding is identified. It is important to realize that one of this document's primary functions is to prioritize projects in an organized manner to allocate the City's limited financial resources.

Overview

CIP PROCESS

The process for reviewing and updating the CIP begins more than six months prior to the implementation of each Capital Budget Year. At the beginning of October, the Office of the City Manager notifies the Mayor and City Council, Department Directors, and various City Boards and Commissions that Project Request Forms are available. Upon completion they are submitted for review and inclusion in the CIP. While anyone can submit proposed projects directly to the Office of the City Manager, in most cases projects are provided by City Council Members or Department Directors based on their knowledge of City needs and priorities.

During the month of October and November, the Finance Department along with the Office of the City Manager conducts a comprehensive review of the requests by meeting with each Department Director to discuss the merits of each project. Projects are then prioritized according to their perceived economic and operational value. During the month of December and first half of January the development of the CIP document is completed.

The CIP document is transmitted to the City Council at the Council Meeting held on January 21, 2020. After any changes requested by the City Council have been incorporated into the CIP Document, it will be finalized and ultimately incorporated into the upcoming City budget that will be passed in April, 2020.

RESERVES

For each Fund presented within this document, a dedicated reserve for the CIP process has been reported and forecasted over the ten-year period. Reserves are important to any successful CIP and will allow the City to provide financial flexibility for unforeseen emergency repairs, offer some level of protection against revenue fluctuations, and provide resources for projects deemed worthy of completion, but are determined to exceed the City's initial budget cost estimates.

CAPITAL IMPROVEMENT PROGRAM BENEFITS

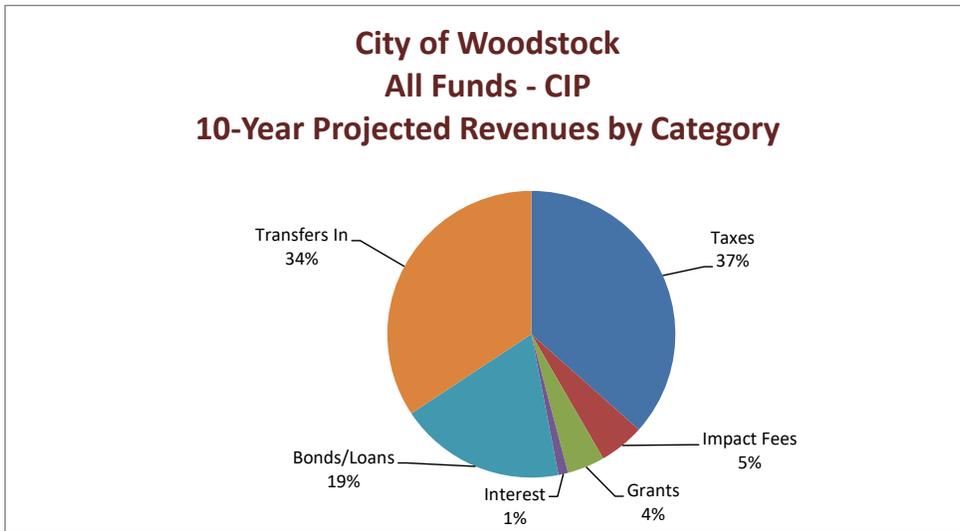
- 1. Focusing attention on community goals, needs, and capabilities.** The CIP process insures that the CIP projects reflect community-wide goals and identifies available resources. It requires that projects be looked at collectively as opposed to individually to determine their value to the community. It forces projects to compete to justify for the limited funds available.
- 2. Achieving optimum use of taxpayers' dollars.** Advance programming can help avoid costly mistakes and duplication. It aids in making sound annual budget decisions and can result in significant savings on interest for projects financed through bonds due to a higher bond rating attributable to the existence of a formal CIP.
- 3. Guiding future community growth and development.** The location and capacity of capital improvements help shape how, when, and where the community develops.
- 4. Serving wider community interests.** Projects within the CIP are prioritized, in part, on the basis of greatest benefit to the greatest number of City residents as opposed to usually narrower department objectives.

Overview

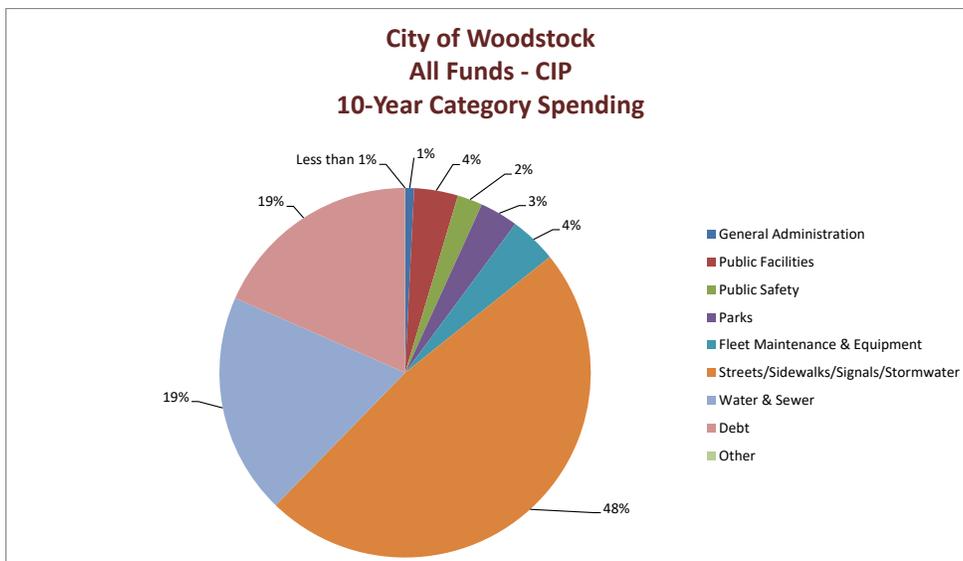
5. **Encouraging more efficient government.** Coordination of capital improvements can reduce scheduling problems and conflicting or overlapping projects. An obvious example is that utilizing a CIP can prevent paving a street one year only to have it torn up the next year to install a sewer.
6. **Improving intergovernmental and regional cooperation.** The CIP promotes the opportunity to plan the location, timing, and financing of improvements in the interest of the community as a whole and enables the identification of possibilities for shared facilities.
7. **Maintaining a sound and stable financial program.** The CIP reduces the frequency of large, unplanned expenditures that can endanger the financial well-being of the City. With ample time for planning, the most economical means of financing a project can be studied and selected in advance. A balanced CIP can help prevent making commitments and debts that may prevent the initiation of more important projects in the future. Finally, it has a positive impact on the City's credit rating and makes the community more attractive to business and industry.
8. **Repairing or replacing existing facilities and equipment.** Our infrastructure will deteriorate over time, and the CIP process helps focus attention on the need to maintain what we have.
9. **Enhancing opportunities for participation in federal and/or state grant programs.** The CIP improves the chances of obtaining grant funds through documentation of projects as officially-identified community needs.

Overview

Overall, the City Administration’s proposed ten-year CIP incorporates \$101.1 million in dedicated revenues and \$95.6 million in spending between four separate funds (i.e., General Corporate – CIP, Library, Water & Sewer, and Water & Sewer Capacity). The majority of revenues will be generated from taxes, representing \$37.2 million or 37% of total CIP resources. The dedicated Home Rule Sales Tax is accounting for a significant part of this revenue generation. As illustrated by the graph presented below, Transfers In will provide the second largest amount of resources, with the Water & Sewer CIP receiving a majority of its funding from the associated operating revenues as a transfer.

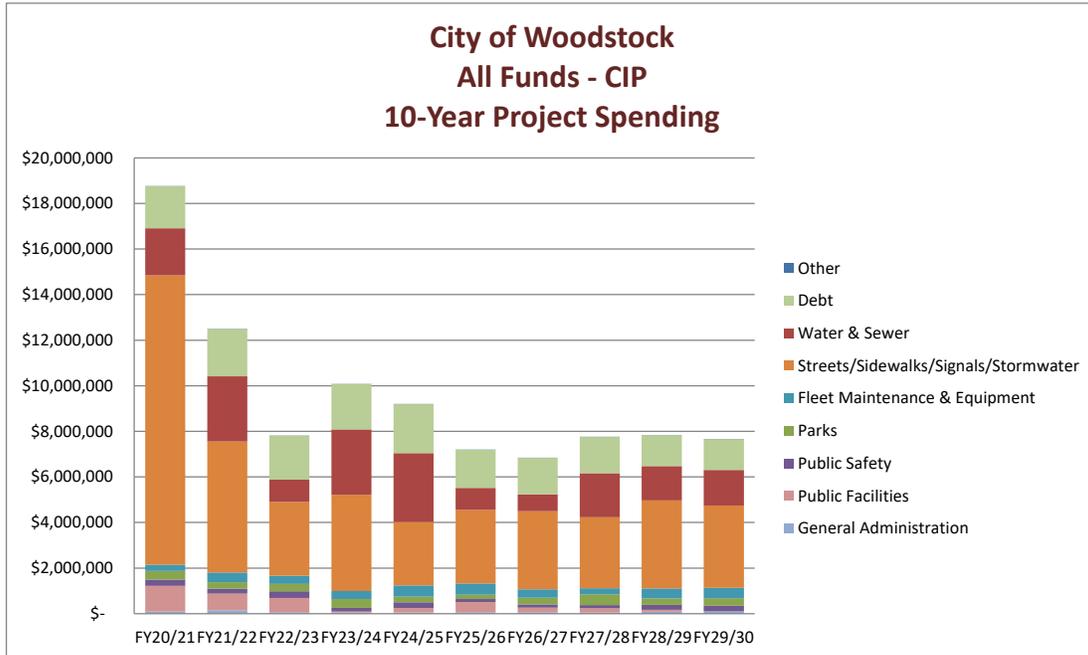


Funding dedicated to the replacement and maintenance of underground infrastructure and street resurfacing will encompass the largest overall spending category, representing \$45.9 million or 48% of all CIP expenditures. Water & Sewer is the next largest, representing \$18.5 million or 19% of all CIP expenditures.

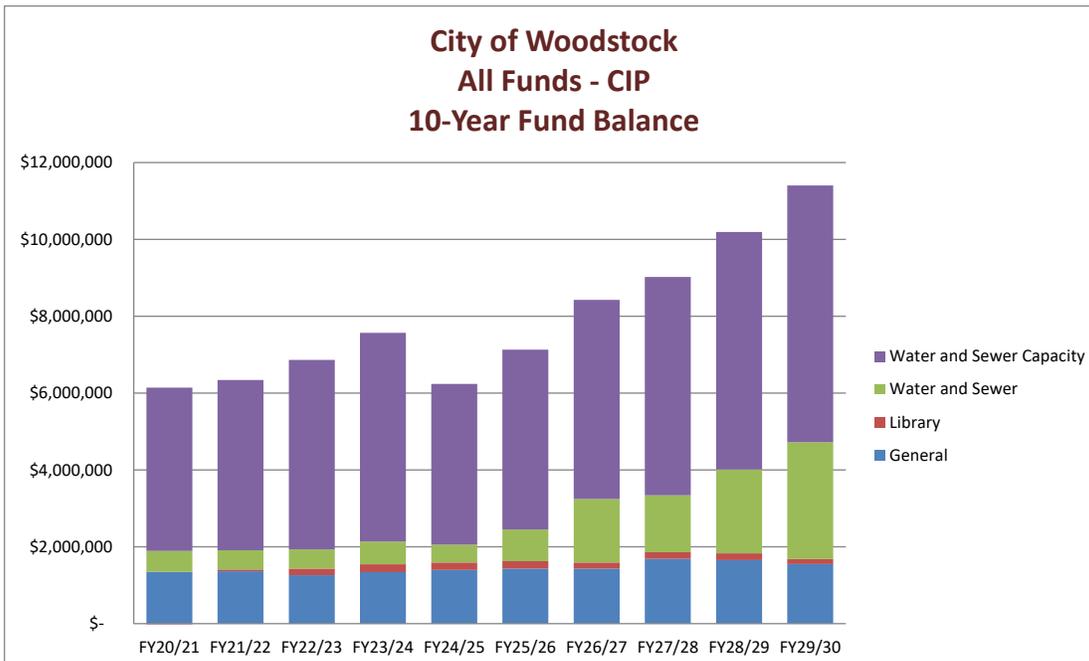


Overview

Provided below is a graph demonstrating the proposed spending for the ten-year planning period based on all funds.



In addition, fund balance reserves play an important role in a successful CIP program. The graph provided below highlights the changes in Fund Balance for the four respective CIP funds over the ten-year planning period. Normally, the Water & Sewer Capacity CIP Fund will tend to accumulate significant reserves over time as the costs to construct a new treatment plant can exceed more than \$20.0 million.



Overview

Combined CIP Funds	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Beginning Fund Balance	\$ 6,757,167	\$ 6,757,167	\$ 5,473,967	\$ 6,118,967	\$ 6,342,467	\$ 6,865,267	\$ 7,568,567	\$ 6,238,567	\$ 7,130,067	\$ 8,424,567	\$ 9,020,967	\$ 10,195,067	\$ 5,473,967
Financial Sources													
Taxes	\$ 3,240,500	\$ 3,153,900	\$ 3,501,200	\$ 3,545,800	\$ 3,591,500	\$ 3,638,300	\$ 3,686,200	\$ 3,735,300	\$ 3,785,600	\$ 3,837,100	\$ 3,889,800	\$ 3,943,800	\$ 37,154,600
Impact Fees	512,000	178,000	517,000	517,000	517,000	517,000	517,000	517,000	517,000	517,000	517,000	517,000	5,170,000
Grants	10,000	56,200	1,248,000	1,131,000	1,085,600	-	200,000	200,000	15,000	-	400,000	-	4,279,600
Interest	154,600	148,200	109,300	109,700	110,100	110,100	110,100	110,100	110,100	110,100	110,100	110,100	1,099,800
Bonds/Loans	375,000	375,000	11,185,000	4,476,000	-	3,320,000	-	-	-	-	-	-	18,981,000
Other	-	15,000	-	-	-	-	-	-	-	-	-	-	-
TOTAL REVENUES BEFORE TRANSFERS	\$ 4,292,100	\$ 3,926,300	\$ 16,560,500	\$ 9,779,500	\$ 5,304,200	\$ 7,585,400	\$ 4,513,300	\$ 4,562,400	\$ 4,427,700	\$ 4,464,200	\$ 4,916,900	\$ 4,570,900	\$ 66,685,000
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfers In	\$ 2,018,900	\$ 2,018,900	\$ 2,841,000	\$ 2,943,500	\$ 3,029,300	\$ 3,189,300	\$ 3,354,100	\$ 3,522,300	\$ 3,701,700	\$ 3,890,100	\$ 4,087,900	\$ 4,295,600	\$ 34,854,800
Transfer Out	(47,100)	(47,100)	-	-	-	-	-	-	-	-	-	-	-
NET TRANSFERS	\$ 1,971,800	\$ 1,971,800	\$ 2,841,000	\$ 2,943,500	\$ 3,029,300	\$ 3,189,300	\$ 3,354,100	\$ 3,522,300	\$ 3,701,700	\$ 3,890,100	\$ 4,087,900	\$ 4,295,600	\$ 34,854,800
TOTAL REVENUES AFTER TRANSFERS	\$ 6,263,900	\$ 5,898,100	\$ 19,401,500	\$ 12,723,000	\$ 8,333,500	\$ 10,774,700	\$ 7,867,400	\$ 8,084,700	\$ 8,129,400	\$ 8,354,300	\$ 9,004,800	\$ 8,866,500	\$ 101,539,800
EXPENSES													
General Administration	\$ 134,600	\$ 153,100	\$ 95,100	\$ 146,300	\$ 65,600	\$ 41,000	\$ 50,400	\$ 64,000	\$ 60,000	\$ 40,200	\$ 82,000	\$ 100,000	\$ 744,600
Public Facilities	695,000	672,800	1,123,000	733,000	625,000	55,000	190,000	445,000	203,000	190,000	85,000	-	3,649,000
Public Safety	149,000	164,000	279,000	214,000	290,000	160,000	258,000	137,000	143,000	143,000	222,000	245,000	2,091,000
Parks	442,000	364,200	380,000	285,000	320,000	385,000	248,000	185,000	296,000	475,000	283,000	330,000	3,187,000
Fleet Maintenance & Equipment	577,000	518,100	270,000	430,000	361,000	355,000	490,000	495,000	370,000	270,000	430,000	457,000	3,928,000
Streets/Sidewalks/Signals/Stormwater	2,390,000	2,262,800	12,696,400	5,749,300	3,237,400	4,220,900	2,788,900	3,227,500	3,426,700	3,111,300	3,867,500	3,612,300	45,938,200
Water & Sewer	1,555,800	1,469,200	2,071,000	2,855,000	982,000	2,866,000	3,021,000	961,000	737,000	1,933,000	1,507,000	1,558,000	18,491,000
Debt	1,576,100	1,576,100	1,841,000	2,085,900	1,928,700	1,987,500	2,150,100	1,677,700	1,598,200	1,594,400	1,353,200	1,353,400	17,570,100
Other	1,500	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,500	10,500
TOTAL EXPENSES	\$ 7,521,000	\$ 7,181,300	\$ 18,756,500	\$ 12,499,500	\$ 7,810,700	\$ 10,071,400	\$ 9,197,400	\$ 7,193,200	\$ 6,834,900	\$ 7,757,900	\$ 7,830,700	\$ 7,657,200	\$ 95,609,400
NET INCREASE (DECREASE)	\$ (1,257,100)	\$ (1,283,200)	\$ 645,000	\$ 223,500	\$ 522,800	\$ 703,300	\$ (1,330,000)	\$ 891,500	\$ 1,294,500	\$ 596,400	\$ 1,174,100	\$ 1,209,300	\$ 5,930,400
Ending Fund Balance	\$ 5,500,067	\$ 5,473,967	\$ 6,118,967	\$ 6,342,467	\$ 6,865,267	\$ 7,568,567	\$ 6,238,567	\$ 7,130,067	\$ 8,424,567	\$ 9,020,967	\$ 10,195,067	\$ 11,404,367	\$ 11,404,367



General Corporate

CIP Document FY20/21-FY29/30

General Corporate CIP - Overview

The General Corporate Fund – CIP includes an initial discussion that outlines the various revenue sources dedicated to fund associated projects. Following this information are nine independent sections providing further details for the areas that compose the expenses related to this CIP. The eight categories are as follows:

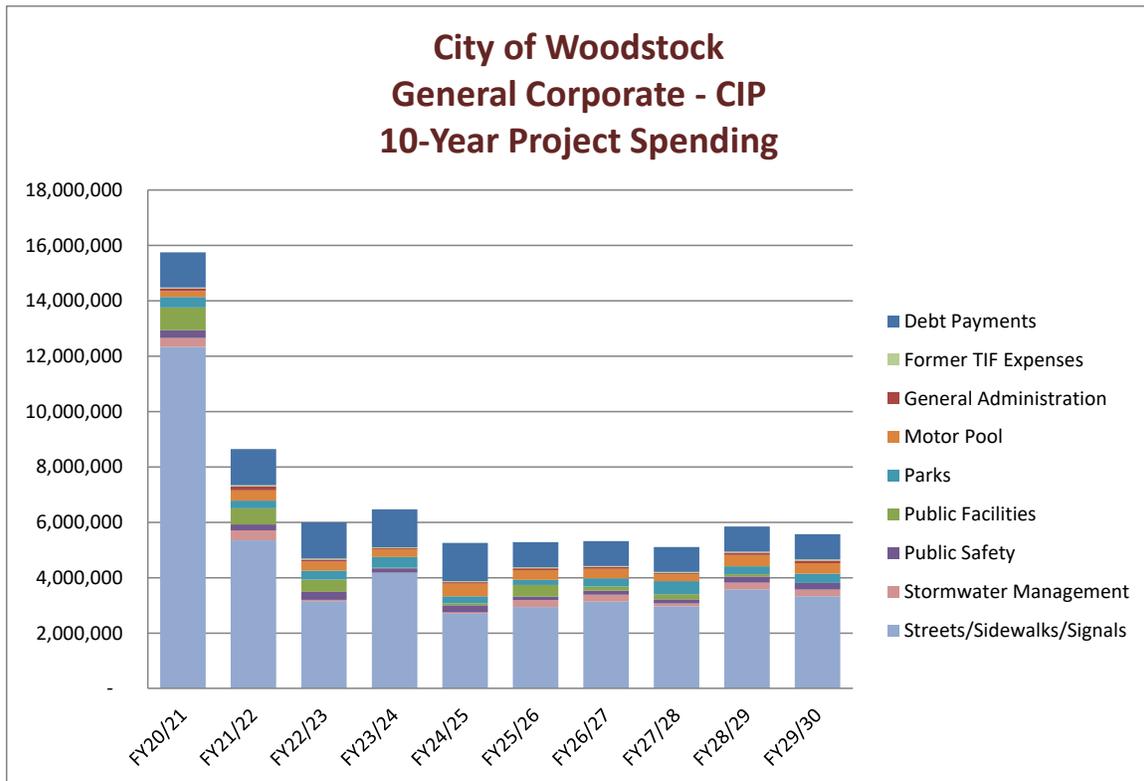
- 1. Debt Service** – The City has issued bonded debt to fund the construction of several public facility and roadway improvements. The Debt Service section reviews the respective payments for the associated debt. General Obligation Bonds issued for the Aquatic Center are repaid utilizing a dedicated property tax, the remaining bonds are repaid using various revenues committed at issuance by the City.
- 2. General Administration** – General Administration projects usually reflect proposed improvements to internal municipal operations that are not always apparent to the residents or perceived as beneficial to the general public. Projects throughout the ten-year period of the CIP include technological improvements which directly enhance and expand customer service by strengthening the internal processing and administration functions of the City, which, in turn, results in improved efficiency, productivity and service to the residents and businesses of Woodstock without the need for significant increases in municipal staffing.
- 3. Public Facilities** – With the exception of the voter-approved General Obligation Bonds for the expansion of the Public Library and Woodstock Water Works, the City has been extremely successful at funding public facility projects through existing revenue streams via the CIP. These have included the Police Facility, Opera House Annex and the acquisition and expansion of the Woodstock Recreation Center. This has also included the acquisition and expansion of public parking facilities throughout the downtown to help ensure that the many “users” in the downtown – businesses, shoppers, residents, etc. – can park within close proximity to their destinations.
- 4. Public Safety** – All projects included in the Public Safety category are primarily for the maintenance and/or replacement of equipment for the Woodstock Police Department (WPD). These upgrades and replacements are necessary to ensure that public safety programs continue to meet the high customer service expectations of the community. It should be noted that the WPD maintains its own computer network system, including computer replacement program.
- 5. Parks** – One of the City’s most popular assets is its comprehensive system of parks and their various user amenities that contribute to the outstanding quality of life enjoyed by the residents of the community. During the past decade the City was able to develop a number of new parks and park amenities due, in large part, to the growth in the housing market during the same time period and Park Development Fees that were collected as a result. Unfortunately, with the decline in new housing and associated park fees, the City had to temporarily delay necessary park projects as well as defer new facility development.
- 6. Motor Pool** – As the City continues to expand, municipal vehicles and equipment are required to maintain the City’s existing and new network of park land, roads, and utilities. Therefore, the Motor Pool category of the General Corporate Fund - CIP continues to grow incrementally over years. Similar to the items funded through the General Administration category, it is sometimes difficult to identify the public benefit of expenditures in the Motor Pool category. However, without the proper equipment and rolling stock, City crews would be unable to mow and maintain the expanding system of parks and athletic fields, plow streets and/or maintain the storm sewer collection system.
- 7. Streets** – A combination of existing bond payments, and, most importantly, the dedication of funds to ensure an appropriate Annual Street Resurfacing Program (\$34.1 million over the ten-year planning period) will absorb much of the CIP revenues needed for transportation projects. This includes a significant enhancement to the ongoing resurfacing program in FY20/21 (\$11.2 million) utilizing debt financing, with further review required to determine the financial plan for following years required to undertake significant improvements to the condition of the City’s local infrastructure. In addition, long-

General Corporate CIP - Overview

term planning allows the City to address the anticipated costs related to the expansion of Route 47 (\$3.1 million).

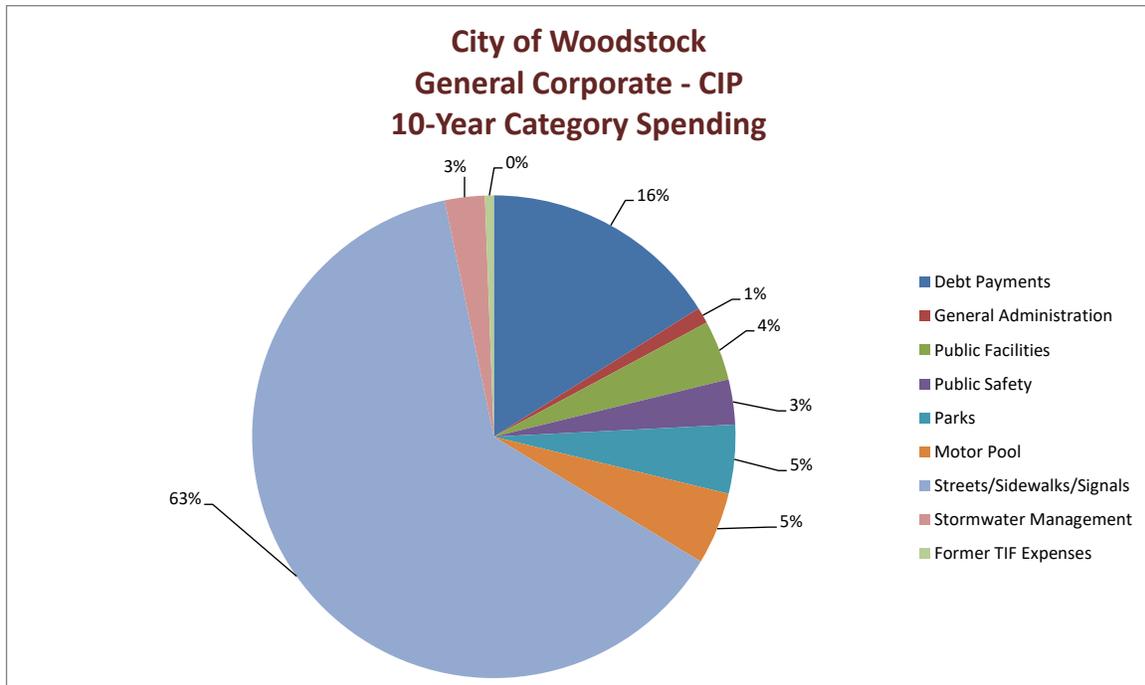
8. **Stormwater Management** – The City maintains over 83 miles of storm sewers and 2,187 storm sewer inlets, with the majority of this infrastructure now more than 50-years old. Routine maintenance is necessary on an annual basis to address necessary repairs and areas that will require replacement. In addition to the annual maintenance, the City does receive requests from residents each year to improve drainage in the public right of way.
9. **Former TIF** – Currently, the TIF #1 Fund is financing a number of maintenance items that will need to be continued once this expires in FY21/22, such as brick replacement, sidewalk maintenance & replacement, and parking lot repaving. With the establishment of TIF #2, the City Administration will evaluate the expenditures to transfer from TIF #1. Any items that are not able to be transitioned TIF #2 will need to be funded by the General Corporate – CIP Fund. Some of these items were transferred prior to the expiration of TIF #1, since all available funding within TIF #1 has been allocated, primarily to the Old Courthouse.

The proposed FY20/21 – FY29/30 General Corporate CIP, as presented, identifies \$69,235,800 in spending for projects to be funded over the next 10 years. They are broken out by year as follows:

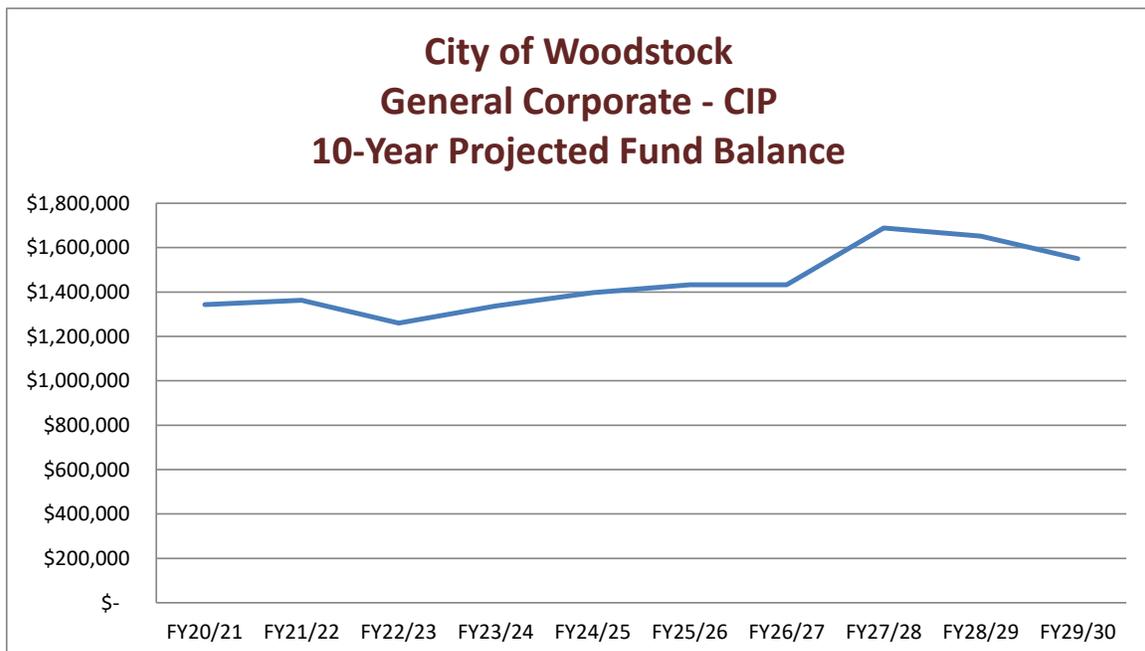


General Corporate CIP - Overview

The following chart illustrates the proposed projects for the ten-year planning period by category. As can easily be identified, Streets/Sidewalks/Signals represent the largest category of proposed spending for the General Corporate - CIP Fund.



Finally, the projected Fund Balance for each year has been illustrated in the chart provided below. Fund balance is being maintained at a stable level throughout the ten-year planning period.



General Corporate CIP - Overview

General Corporate - CIP Fund Overview	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Beginning Fund Balance	\$ 2,073,972	\$ 2,073,972	\$ 1,074,572	\$ 1,342,772	\$ 1,363,372	\$ 1,260,072	\$ 1,336,972	\$ 1,396,872	\$ 1,432,572	\$ 1,432,572	\$ 1,687,872	\$ 1,652,072	\$ 1,074,572
REVENUES													
FEES													
Telecommunication Tax	\$ 480,000	\$ 476,200	\$ 470,000	\$ 460,000	\$ 450,000	\$ 440,000	\$ 430,000	\$ 420,000	\$ 410,000	\$ 400,000	\$ 390,000	\$ 380,000	\$ 4,250,000
Home Rule Sales Tax (1%)	2,759,500	2,676,700	2,730,200	2,784,800	2,840,500	2,897,300	2,955,200	3,014,300	3,074,600	3,136,100	3,198,800	3,262,800	29,894,600
Local MFT Tax	-	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Capital Expansion Fees-Police	45,000	12,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Capital Expansion Fees-Streets	12,000	8,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	120,000
TOTAL FEES	\$ 3,296,500	\$ 3,172,900	\$ 3,557,200	\$ 3,601,800	\$ 3,647,500	\$ 3,694,300	\$ 3,742,200	\$ 3,791,300	\$ 3,841,600	\$ 3,893,100	\$ 3,945,800	\$ 3,999,800	\$ 37,714,600
INTERGOVERNMENTAL													
Safe Routes to School Grant	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 600,000
Miscellaneous Grants	10,000	56,200	1,048,000	1,131,000	1,085,600	-	-	200,000	15,000	-	200,000	-	3,679,600
TOTAL INTERGOVERNMENTAL	\$ 10,000	\$ 56,200	\$ 1,248,000	\$ 1,131,000	\$ 1,085,600	\$ -	\$ 200,000	\$ 200,000	\$ 15,000	\$ -	\$ 400,000	\$ -	\$ 4,279,600
OTHER													
Miscellaneous	-	15,000	-	-	-	-	-	-	-	-	-	-	-
Interest Income	\$ 30,000	\$ 36,200	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Bond Proceeds/Loan Revenue	-	-	10,000,000	2,656,000	-	1,500,000	-	-	-	-	-	-	14,156,000
TOTAL OTHER	\$ 30,000	\$ 51,200	\$ 10,030,000	\$ 2,686,000	\$ 30,000	\$ 1,530,000	\$ 30,000	\$ 14,456,000					
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfer from General Fund	\$ 170,500	\$ 170,500	\$ 572,500	\$ 572,500	\$ 522,500	\$ 707,500	\$ 722,500	\$ 682,500	\$ 822,500	\$ 822,500	\$ 822,500	\$ 822,500	\$ 7,070,000
Transfer from Park Development	64,100	64,100	53,900	54,400	54,800	53,600	53,600	53,600	53,600	53,600	53,600	53,600	538,300
Transfer from Environmental Management	199,300	199,300	195,700	199,100	196,900	203,100	205,200	202,600	202,600	202,600	202,600	202,600	2,013,000
Transfer from Opera House (Surcharge)	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	580,000
Transfer from MFT	-	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Transfer from Recreation Center Fund	-	-	-	60,000	-	-	-	-	-	-	-	-	60,000
TOTAL TRANSFERS	\$ 491,900	\$ 491,900	\$ 1,180,100	\$ 1,244,000	\$ 1,132,200	\$ 1,322,200	\$ 1,339,300	\$ 1,296,700	\$ 1,436,700	\$ 1,436,700	\$ 1,436,700	\$ 1,436,700	\$ 13,261,300
TOTAL REVENUES	\$ 3,828,400	\$ 3,772,200	\$ 16,015,300	\$ 8,662,800	\$ 5,895,300	\$ 6,546,500	\$ 5,311,500	\$ 5,318,000	\$ 5,323,300	\$ 5,359,800	\$ 5,812,500	\$ 5,466,500	\$ 69,711,500
EXPENSES													
Debt Payments	\$ 1,009,600	\$ 1,009,600	\$ 1,263,600	\$ 1,304,600	\$ 1,309,600	\$ 1,367,700	\$ 1,376,300	\$ 903,800	\$ 899,600	\$ 900,000	\$ 903,800	\$ 904,000	\$ 11,133,000
General Administration	134,600	153,100	95,100	146,300	65,600	41,000	50,400	64,000	60,000	40,200	82,000	100,000	744,600
Public Facilities	469,000	361,500	823,000	578,000	445,000	20,000	75,000	415,000	153,000	190,000	85,000	-	2,784,000
Public Safety	149,000	164,000	279,000	214,000	290,000	160,000	258,000	137,000	143,000	222,000	245,000	245,000	2,091,000
Parks	442,000	364,200	380,000	285,000	320,000	385,000	248,000	185,000	296,000	475,000	283,000	330,000	3,187,000
Motor Pool	472,000	456,400	210,000	365,000	331,000	275,000	455,000	350,000	345,000	245,000	405,000	377,000	3,358,000
Streets/Sidewalks/Signals	1,975,000	1,901,300	12,331,400	5,349,300	3,157,000	4,180,900	2,698,900	2,937,500	3,136,700	2,971,300	3,582,500	3,327,300	43,672,800
Stormwater Management	415,000	361,500	325,000	360,000	40,400	-	50,000	250,000	250,000	100,000	240,000	240,000	1,855,400
Former TIF Expenses	-	-	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	45,000	45,000	410,000
TOTAL EXPENSES	\$ 5,066,200	\$ 4,771,600	\$ 15,747,100	\$ 8,642,200	\$ 5,998,600	\$ 6,469,600	\$ 5,251,600	\$ 5,282,300	\$ 5,323,300	\$ 5,104,500	\$ 5,848,300	\$ 5,568,300	\$ 69,235,800
NET INCREASE (DECREASE)	\$ (1,237,800)	\$ (999,400)	\$ 268,200	\$ 20,600	\$ (103,300)	\$ 76,900	\$ 59,900	\$ 35,700	\$ -	\$ 255,300	\$ (35,800)	\$ (101,800)	\$ 475,700
Ending Fund Balance	\$ 836,172	\$ 1,074,572	\$ 1,342,772	\$ 1,363,372	\$ 1,260,072	\$ 1,336,972	\$ 1,396,872	\$ 1,432,572	\$ 1,432,572	\$ 1,687,872	\$ 1,652,072	\$ 1,550,272	\$ 1,550,272



General Corporate Revenues

**CIP Document
FY20/21-FY29/30**

General Corporate – CIP - Revenues

INTRODUCTION

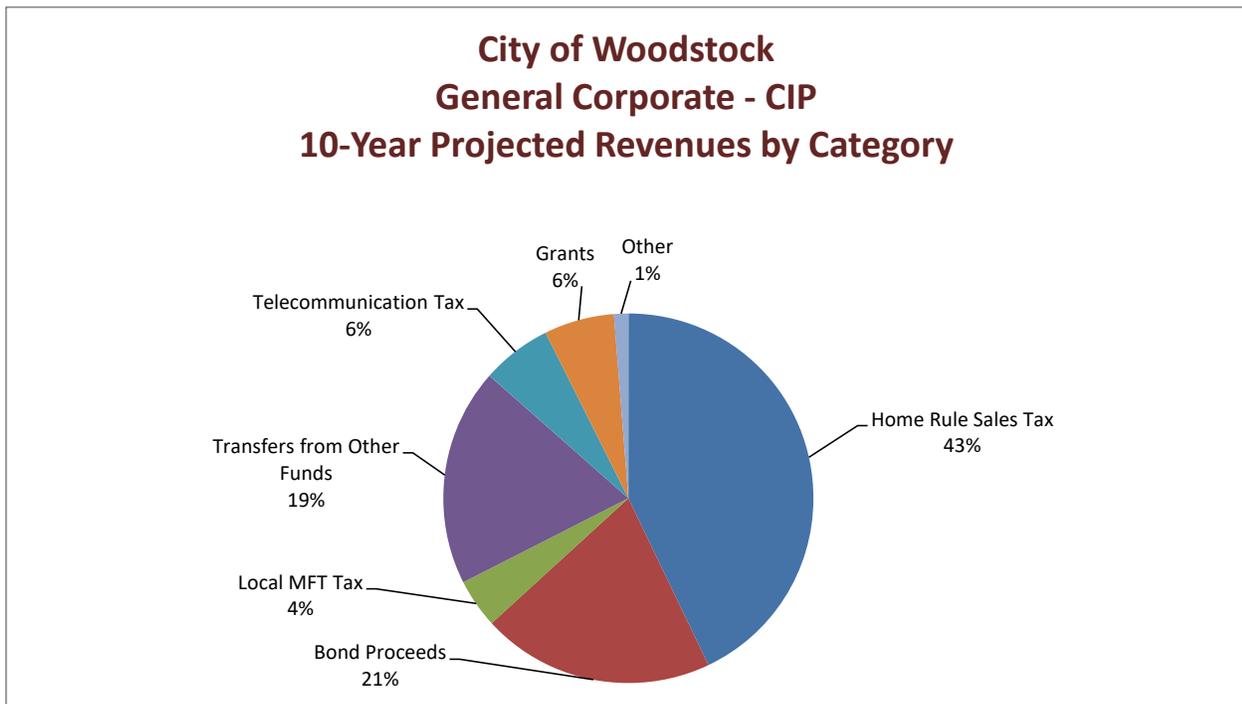
Two years ago, the City introduced a ten-year Capital Improvement Program (CIP). Each year the City intends to complete a full review of this document. As such, this document has been updated from last years with the latest information available.

OVERVIEW

The City is estimating the collection of over \$69.7 million in revenues, which will be allocated over the next ten-year period to address the City’s various capital needs. Of this amount, \$29.9 Million is forecasted from the Home Rule Sales Tax that is devoted to address the City’s infrastructure needs. As demonstrated later within this document, this increased level of funding will support a significant increase in the City’s capabilities to address streets and parks resurfacing, bridge maintenance, parking lot improvements and provide for the anticipated contribution required by IDOT for the City’s share of improvements to enhance Route 47.

In addition, the FY20/21-FY29/30 Capital Improvement Program begins to integrate debt financing to significantly expand the City’s street resurfacing efforts. A bond issuance has been incorporated within FY20/21 with current Administration efforts focused on updating the condition assessment to properly identify the streets for improvement.

As illustrated in the graph below, the newly-established Home Rule Sales Tax will represent 62% of the total General Corporate – CIP Revenues for the ten-year planning period. In addition, the City is forecasting to borrow money from the Capacity Reserve Fund to help pay for the Roundabout at Madison/South/Lake Street.



General Corporate – CIP - Revenues

General Corporate - CIP Fund Overview	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Beginning Fund Balance	\$ 2,073,972	\$ 2,073,972	\$ 1,077,572	\$ 1,355,772	\$ 1,396,372	\$ 1,313,072	\$ 1,389,972	\$ 1,449,872	\$ 1,410,572	\$ 1,410,572	\$ 1,665,872	\$ 1,630,072	\$ 1,077,572
REVENUES													
FEES													
Telecommunication Tax	\$ 480,000	\$ 476,200	\$ 470,000	\$ 460,000	\$ 450,000	\$ 440,000	\$ 430,000	\$ 420,000	\$ 410,000	\$ 400,000	\$ 390,000	\$ 380,000	\$ 4,250,000
Home Rule Sales Tax (1%)	2,759,500	2,676,700	2,730,200	2,784,800	2,840,500	2,897,300	2,955,200	3,014,300	3,074,600	3,136,100	3,198,800	3,262,800	29,894,600
Local MFT Tax	-	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Capital Expansion Fees-Police	45,000	12,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	450,000
Capital Expansion Fees-Streets	12,000	8,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	120,000
TOTAL FEES	\$ 3,296,500	\$ 3,172,900	\$ 3,557,200	\$ 3,601,800	\$ 3,647,500	\$ 3,694,300	\$ 3,742,200	\$ 3,791,300	\$ 3,841,600	\$ 3,893,100	\$ 3,945,800	\$ 3,999,800	\$ 37,714,600
INTERGOVERNMENTAL													
Safe Routes to School Grant	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 600,000
Miscellaneous Grants	10,000	56,200	1,048,000	1,131,000	1,085,600	-	-	200,000	15,000	-	200,000	-	3,679,600
TOTAL INTERGOVERNMENTAL	\$ 10,000	\$ 56,200	\$ 1,248,000	\$ 1,131,000	\$ 1,085,600	\$ -	\$ 200,000	\$ 200,000	\$ 15,000	\$ -	\$ 400,000	\$ -	\$ 4,279,600
OTHER													
Miscellaneous	-	15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income	\$ 30,000	\$ 36,200	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	300,000
Bond Proceeds/Loan Revenue	-	-	10,000,000	2,656,000	-	1,500,000	-	-	-	-	-	-	14,156,000
TOTAL OTHER	\$ 30,000	\$ 51,200	\$ 10,030,000	\$ 2,686,000	\$ 30,000	\$ 1,530,000	\$ 30,000	\$ 14,456,000					
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfer from General Fund	\$ 170,500	\$ 170,500	\$ 572,500	\$ 572,500	\$ 522,500	\$ 707,500	\$ 722,500	\$ 682,500	\$ 822,500	\$ 822,500	\$ 822,500	\$ 822,500	\$ 7,070,000
Transfer from Park Development	64,100	64,100	53,900	54,400	54,800	53,600	53,600	53,600	53,600	53,600	53,600	53,600	538,300
Transfer from Environmental Management	199,300	199,300	195,700	199,100	196,900	203,100	205,200	202,600	202,600	202,600	202,600	202,600	2,013,000
Transfer from Opera House (Surcharge)	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	580,000
Transfer from MFT	-	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,000,000
Transfer from Recreation Center Fund	-	-	-	60,000	-	-	-	-	-	-	-	-	60,000
TOTAL TRANSFERS	\$ 491,900	\$ 491,900	\$ 1,180,100	\$ 1,244,000	\$ 1,132,200	\$ 1,322,200	\$ 1,339,300	\$ 1,296,700	\$ 1,436,700	\$ 1,436,700	\$ 1,436,700	\$ 1,436,700	\$ 13,261,300
TOTAL REVENUES	\$ 3,828,400	\$ 3,772,200	\$ 16,015,300	\$ 8,662,800	\$ 5,895,300	\$ 6,546,500	\$ 5,311,500	\$ 5,318,000	\$ 5,323,300	\$ 5,359,800	\$ 5,812,500	\$ 5,466,500	\$ 69,711,500

Telecommunication Tax

FY19/20 Budget		\$ 480,000	
FY19/20 Projected		\$ 476,200	
FY20/21	\$ 470,000	FY25/26	\$ 420,000
FY21/22	\$ 460,000	FY26/27	\$ 410,000
FY22/23	\$ 450,000	FY27/28	\$ 400,000
FY23/24	\$ 440,000	FY28/29	\$ 390,000
FY24/25	\$ 430,000	FY29/30	\$ 380,000

Revenue Description

Initiated in 1996, the Telecommunication Tax was instituted, in part, to help offset the loss of the annual transfer from the Light and Power Fund, which came to an end at the close of FY96/97. More importantly, this tax was established to create and guarantee a minimal level of annual CIP financing for the hundreds of projects that remain to be funded.

Changes in how Woodstock residents and businesses obtain and use communication services have significantly decreased the revenue generated by this tax. Specifically, the removal of land lines and an increase in the use of the internet to communicate, whether by email or phone using Voice over IP, has caused a significant portion of communication costs to be excluded from taxation based on the Federal moratorium on taxing any internet services.

Home Rule Sales Tax

FY19/20 Budget		\$ 2,759,500	
FY19/20 Projected		\$ 2,676,700	
FY20/21	\$ 2,730,200	FY25/26	\$ 3,014,300
FY21/22	\$ 2,784,800	FY26/27	\$ 3,074,600
FY22/23	\$ 2,840,500	FY27/28	\$ 3,136,100
FY23/24	\$ 2,897,300	FY28/29	\$ 3,198,800
FY24/25	\$ 2,955,200	FY29/30	\$ 3,262,800

Revenue Description

In combination to provide 10% property tax relief for our residents and businesses, and establish a dedicated funding source to address the community's infrastructure needs, the City instituted a Home Rule Sales Tax, effective January 1, 2018. The additional revenue generated from this tax, above and beyond the amount needed to offset the property tax relief, is dedicated to the City's infrastructure needs.

Local Motor Fuel Tax

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 300,000	FY25/26	\$ 300,000
FY21/22	\$ 300,000	FY26/27	\$ 300,000
FY22/23	\$ 300,000	FY27/28	\$ 300,000
FY23/24	\$ 300,000	FY28/29	\$ 300,000
FY24/25	\$ 300,000	FY29/30	\$ 300,000

Revenue Description

The City Council authorized the implementation of a local Motor Fuel Tax of \$0.03 cents to provide the necessary revenue for the repayment of the \$10.0 million in General Obligation bonds to be issued to fund an enhanced street resurfacing program in FY20/21.

Capital Expansion Fees-Police

FY19/20 Budget		\$ 45,000	
FY19/20 Projected		\$ 12,000	
<hr/>			
FY20/21	\$ 45,000	FY25/26	\$ 45,000
FY21/22	\$ 45,000	FY26/27	\$ 45,000
FY22/23	\$ 45,000	FY27/28	\$ 45,000
FY23/24	\$ 45,000	FY28/29	\$ 45,000
FY24/25	\$ 45,000	FY29/30	\$ 45,000

Revenue Description

Separate line items for Police and Streets Capital Expansion Fees (CEF) are reported within the General Corporate – CIP Fund and are used to fund projects that relate to each of the corresponding fees. This revenue source is entirely dependent upon building activity in the community. By Illinois Statute, these funds must be expended on public safety CIP projects.

Capital Expansion Fees-Streets

FY19/20 Budget		\$ 12,000	
FY19/20 Projected		\$ 8,000	
<hr/>			
FY20/21	\$ 12,000	FY25/26	\$ 12,000
FY21/22	\$ 12,000	FY26/27	\$ 12,000
FY22/23	\$ 12,000	FY27/28	\$ 12,000
FY23/24	\$ 12,000	FY28/29	\$ 12,000
FY24/25	\$ 12,000	FY29/30	\$ 12,000

Revenue Description

This revenue source is entirely dependent upon building activity in the community. By Illinois Statute, these funds must be expended on street improvement CIP projects.

Safe Routes to Schools Grant

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 200,000	FY25/26	\$ 200,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 200,000
FY24/25	\$ 200,000	FY29/30	\$ 0

Revenue Description

The City applies for grant funds for sidewalk construction projects under the federally-funded Safe Routes to Schools program (SRTS). Through this grant program, 100% of construction and construction engineering costs are funded through the Federal government up to a maximum of \$200,000 with all remaining project costs paid by the City. If grant funding is approved, this will be the third grant awarded to the City of Woodstock through the SRTS program.

The call for projects tends to be once every four years. As a result, revenue may be available again in FY24/25 and FY28/29. The matching portion of this grant is included within the associated expenditure line item reported in the Streets/ Sidewalks/Signals section of the General Corporate – CIP Fund.

Miscellaneous Grants

FY19/20 Budget		\$ 10,000	
FY19/20 Projected		\$ 56,200	
<hr/>			
FY20/21	\$ 1,048,000	FY25/26	\$ 200,000
FY21/22	\$ 1,131,000	FY26/27	\$ 15,000
FY22/23	\$ 1,085,600	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 200,000
FY24/25	\$ 0	FY29/30	\$ 0

Revenue Description

In FY20/21, the General Corporate – CIP Fund includes \$370,000 in grant funds to complete the improvements to the Train Depot funded via Metra. A grant, in the amount of \$1,344,000, is budgeted to be received over two fiscal years (i.e., FY20/21 \$428,000; FY21/22 \$916,000) representing the Federal Surface Transportation Funds to reimburse the City for road improvements at the intersection of South/Madison/Lake Street. Furthermore, grant funding from Community Development Block Grants has been included in FY20/21 (\$200,000) and FY21/22 (\$200,000) for storm sewer improvements. In FY22/23, the City expects to receive Federal grant assistance in the amount of \$885,600 related to the reconstruction of a bridge on Melody Lane. In FY21/22 and FY26/27, the City has budgeted to receive \$15,000 in each of these years for bulletproof vest replacement.

Interest Income

FY19/20 Budget		\$ 30,000	
FY19/20 Projected		\$ 36,200	
<hr/>			
FY20/21	\$ 30,000	FY25/26	\$ 30,000
FY21/22	\$ 30,000	FY26/27	\$ 30,000
FY22/23	\$ 30,000	FY27/28	\$ 30,000
FY23/24	\$ 30,000	FY28/29	\$ 30,000
FY24/25	\$ 30,000	FY29/30	\$ 30,000

Revenue Description

These amounts represent the interest earned each year on invested General Corporate – CIP available funds.

Loan Revenue

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 10,000,000	FY25/26	\$ 0
FY21/22	\$ 2,656,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 1,500,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0

Revenue Description

A bond issuance has been approved for \$10,000,000 in FY20/21 to finance an enhanced street resurfacing program. In addition, a debt issuance of \$2,656,000 is proposed to fund the City's initial payment related to the Route 47 improvements as well as the costs to construct the roundabout at the intersection of South/Madison/Lake. Finally, a \$1,500,000 loan from the Water & Sewer Capacity Fund is proposed to provide for the final payment to the State of Illinois for the Route 47 improvements.

Transfer from General Fund

FY19/20 Budget		\$ 170,500	
FY19/20 Projected		\$ 170,500	
FY20/21	\$ 572,500	FY25/26	\$ 682,500
FY21/22	\$ 572,500	FY26/27	\$ 822,500
FY22/23	\$ 522,500	FY27/28	\$ 822,500
FY23/24	\$ 707,500	FY28/29	\$ 822,500
FY24/25	\$ 722,500	FY29/30	\$ 822,500

Transfer Description

The General Fund transfer is intended to provide for the debt service payments related to several bond issuances including the 2014 Lake Avenue Road Alternative Revenue Bonds, 2010A Aquatic Center Alternative Revenue Bonds, and a portion of the 2010A Opera House Alternative Revenue Bonds, which is not covered by the Opera House Debt Surcharge. Once each bond is retired, the base amount from the debt service payment is budgeted to continue to be transferred each year to fund future CIP projects. In addition, money that was being used to pay GO debt, which is not allocated to the Library Building Fund, will also be transferred once each bond is paid off.

Transfer from Park Development

FY19/20 Budget		\$ 64,100	
FY19/20 Projected		\$ 64,100	
<hr/>			
FY20/21	\$ 53,900	FY25/26	\$ 53,600
FY21/22	\$ 54,400	FY26/27	\$ 53,600
FY22/23	\$ 54,800	FY27/28	\$ 53,600
FY23/24	\$ 53,600	FY28/29	\$ 53,600
FY24/25	\$ 53,600	FY29/30	\$ 53,600

Transfer Description

A transfer to cover 40% of the 2014 Alternate Revenue Series Refunding Bond payments, which were used to acquire the Woodstock Recreation Center, has been budgeted for each year. Furthermore, an additional \$10,000 is being budgeted each year for other park projects. Once the 2014 Alternate Revenue Series Bonds are retired, the base amount is budgeted to continue to be transferred each year to fund future park projects.

Transfer from Environmental Management Fund

FY19/20 Budget		\$ 199,300	
FY19/20 Projected		\$ 199,300	
<hr/>			
FY20/21	\$ 195,700	FY25/26	\$ 202,600
FY21/22	\$ 199,100	FY26/27	\$ 202,600
FY22/23	\$ 196,900	FY27/28	\$ 202,600
FY23/24	\$ 203,100	FY28/29	\$ 202,600
FY24/25	\$ 205,200	FY29/30	\$ 202,600

Transfer Description

A transfer to cover 100% of the annual payment for the Davis Road Park development, refunded by the 2014 Alternate Revenue Refunding bonds, is planned. The final repayment of these bonds is scheduled to occur in 2025. After this time, the base amount from what is being paid is budgeted to continue to be transferred each year to fund future CIP projects.

Transfer from Opera House (Ticket Surcharge)

FY19/20 Budget		\$ 58,000	
FY19/20 Projected		\$ 58,000	
FY20/21	\$ 58,000	FY25/26	\$ 58,000
FY21/22	\$ 58,000	FY26/27	\$ 58,000
FY22/23	\$ 58,000	FY27/28	\$ 58,000
FY23/24	\$ 58,000	FY28/29	\$ 58,000
FY24/25	\$ 58,000	FY29/30	\$ 58,000

Transfer Description

A \$3 per ticket surcharge is collected from the majority of Opera House ticket sales, which is allocated to pay a portion of the capital improvement costs related to Opera House projects.

Transfer from Motor Fuel Tax Fund

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 300,000	FY25/26	\$ 300,000
FY21/22	\$ 300,000	FY26/27	\$ 300,000
FY22/23	\$ 300,000	FY27/28	\$ 300,000
FY23/24	\$ 300,000	FY28/29	\$ 300,000
FY24/25	\$ 300,000	FY29/30	\$ 300,000

Transfer Description

As part of the funding mechanism for the enhanced street improvement resurfacing program, the City Council has authorized the utilization of the additional Motor Fuel Tax derived from the \$0.19 cent increase imposed by the State of Illinois to finance around half of the associated debt service payments. In addition, the locally-imposed Motor Fuel is reported directly with the General – CIP Fund to provide the remaining funding

Transfer from Recreation Center Fund

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 60,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0

Transfer Description

It is being proposed that the parking lot be repaved at the Recreation Center in FY21/22. Since general expenses for the building have been split between the Park Development Fund (i.e., paying 40%) and the Recreation Center Fund (i.e., paying 60%), a transfer has been budgeted.



General Corporate Debt

**CIP Document
FY20/21-FY29/30**

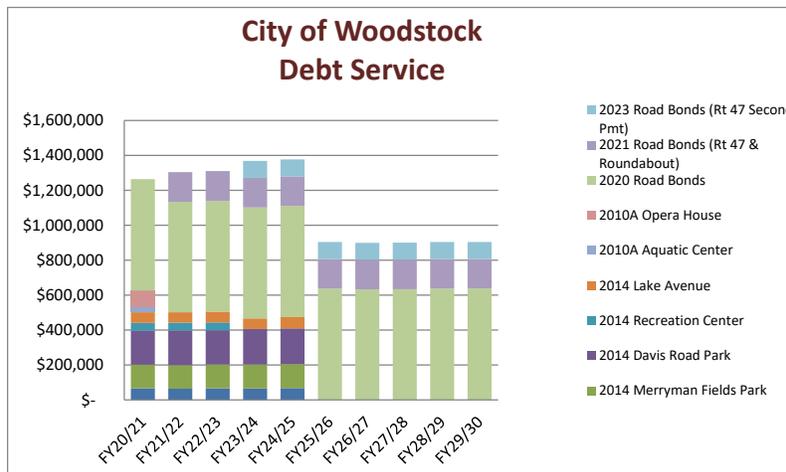
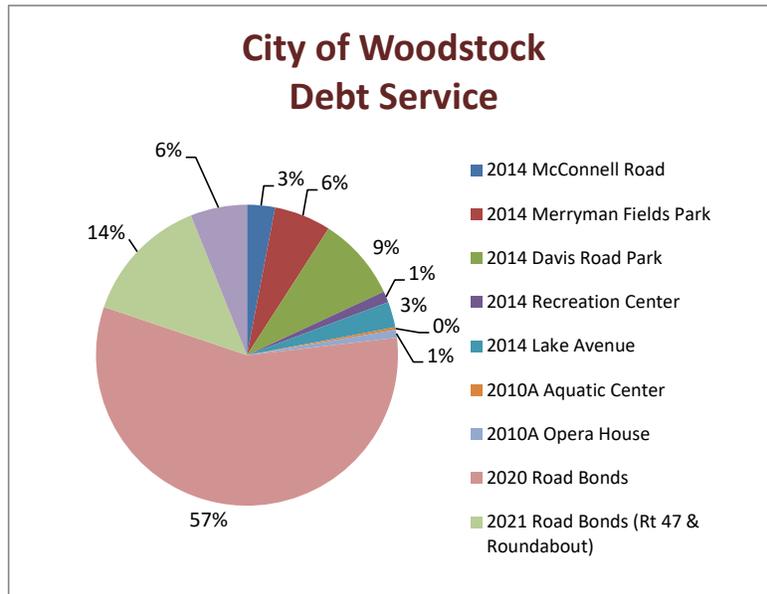
General Corporate – CIP – Debt Service

OVERVIEW

This section incorporates the various debt service payments paid by the City of Woodstock with the exception of TIF debt and Water and Sewer bonds. The TIF and Water & Sewer debt have been omitted since the related debt service is paid using revenue sources derived from these respective funds.

In the next 10 years, the City is planning on issuing three Bond issuances that will be paid using General Corporate – CIP resources. In each case these Bond issuances will be used to fund Road improvements. The total of these three Bond issuances is anticipated to be \$14,156,000.

Illustrated in the graph presented immediately below are the percentages of the various bond payments in comparison to the City’s total debt service requirements over the ten-year planning period. The second graph illustrates the composition of the dollar amounts for the various debt service payments by fiscal year over the same timeframe.



General Corporate – CIP – Debt Service

General Corporate - CIP Fund Debt Service Funded Projects	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten Year Totals
2014 McConnell Road	\$ 64,500	\$ 64,500	\$ 67,200	\$ 64,600	\$ 67,400	\$ 66,100	\$ 68,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 333,700
2013B Police Station	338,400	338,400	-	-	-	-	-	-	-	-	-	-	-
2014 Merryman Fields Park	134,800	134,800	134,200	134,600	134,700	137,100	136,800	-	-	-	-	-	677,400
2014 Davis Road Park	199,300	199,300	195,700	199,100	196,900	203,100	205,200	-	-	-	-	-	1,000,000
2014 Recreation Center	44,100	44,100	43,900	44,400	44,800	-	-	-	-	-	-	-	133,100
2014 Lake Avenue	58,600	58,600	61,500	59,200	62,200	61,000	63,500	-	-	-	-	-	307,400
2010A Aquatic Center	42,000	42,000	30,800	-	-	-	-	-	-	-	-	-	30,800
2010A Opera House	127,900	127,900	93,700	-	-	-	-	-	-	-	-	-	93,700
2020 Road Bonds	-	-	636,600	632,600	633,500	634,000	636,000	637,400	633,200	633,600	637,400	637,600	6,351,900
2021 Road Bonds (Rt 47 & Roundabout)	-	-	-	170,100	170,100	170,100	170,100	170,100	170,100	170,100	170,100	170,100	1,530,900
2023 Road Bonds (Rt 47 Second Pmt)	-	-	-	-	-	96,300	96,300	96,300	96,300	96,300	96,300	96,300	674,100
TOTAL DEBT SERVICE	\$ 1,009,600	\$ 1,009,600	\$ 1,263,600	\$ 1,304,600	\$ 1,309,600	\$ 1,367,700	\$ 1,376,300	\$ 903,800	\$ 899,600	\$ 900,000	\$ 903,800	\$ 904,000	\$ 2,576,100

2014 McConnell Road

FY19/20 Budget		\$ 64,500	
FY19/20 Projected		\$ 64,500	
FY20/21	\$ 67,200	FY25/26	\$ 0
FY21/22	\$ 64,600	FY26/27	\$ 0
FY22/23	\$ 67,400	FY27/28	\$ 0
FY23/24	\$ 66,100	FY28/29	\$ 0
FY24/25	\$ 68,400	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

FY20/21 to FY24/25 Project Information

\$935,000 in Alternate Revenue Bonds was issued in FY05/06 to complete roadway improvements to McConnell Road. This project included the widening of existing lanes, construction of new turn lanes, and installation of curb, gutter and storm sewer improvements, as well as the construction of a pedestrian path. General – CIP Fund revenue has been pledged to repay this debt.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2019		\$ 4,969	\$ 4,969	
1/1/2020	\$ 54,500	\$ 4,969	\$ 59,469	\$ 64,438
7/1/2020		\$ 4,314	\$ 4,314	
1/1/2021	\$ 58,500	\$ 4,314	\$ 62,814	\$ 67,128
7/1/2021		\$ 3,307	\$ 3,307	
1/1/2022	\$ 57,900	\$ 3,307	\$ 61,207	\$ 64,514
7/1/2022		\$ 2,521	\$ 2,521	
1/1/2023	\$ 62,300	\$ 2,521	\$ 64,821	\$ 67,343
7/1/2023		\$ 1,908	\$ 1,908	
1/1/2024	\$ 62,200	\$ 1,908	\$ 64,108	\$ 66,015
7/1/2024		\$ 996	\$ 996	
1/1/2025	\$ 66,400	\$ 996	\$ 67,396	\$ 68,392

2013B Police Station

FY19/20 Budget		\$ 338,400	
FY19/20 Projected		\$ 338,400	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2019		\$ 4,875	\$ 4,875	
1/1/2020	\$ 325,000	\$ 4,875	\$ 329,875	\$ 334,750

2014 Merryman Fields Park

FY19/20 Budget		\$ 134,800	
FY19/20 Projected		\$ 134,800	
FY20/21	\$ 134,200	FY25/26	\$ 0
FY21/22	\$ 134,600	FY26/27	\$ 0
FY22/23	\$ 134,700	FY27/28	\$ 0
FY23/24	\$ 137,100	FY28/29	\$ 0
FY24/25	\$ 136,800	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

FY20/21 to FY24/25 Project Information

The City issued \$1.9 million in Alternate Revenue Bonds to construct a new park within the Fields development. This new park site includes recreational walking paths, ball diamonds, playground equipment, and a storage building. Originally park impact fees were pledged to pay the debt; however, this revenue has been inadequate and instead telecommunication tax from the General Corporate – CIP fund has been required to address this deficiency.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2019		\$ 10,389	\$ 10,389	
1/1/2020	\$ 114,000	\$ 10,389	\$ 124,389	\$ 134,778
7/1/2020		\$ 8,628	\$ 8,628	
1/1/2021	\$ 116,900	\$ 8,628	\$ 125,528	\$ 134,156
7/1/2021		\$ 6,889	\$ 6,889	
1/1/2022	\$ 120,800	\$ 6,889	\$ 127,689	\$ 134,578
7/1/2022		\$ 5,043	\$ 5,043	
1/1/2023	\$ 124,600	\$ 5,043	\$ 129,643	\$ 134,686
7/1/2023		\$ 3,962	\$ 3,962	
1/1/2024	\$ 129,100	\$ 3,962	\$ 133,062	\$ 137,024
7/1/2024		\$ 1,992	\$ 1,992	
1/1/2025	\$ 132,800	\$ 1,992	\$ 134,792	\$ 136,784

2014 Davis Road Park

FY19/20 Budget		\$ 199,300	
FY19/20 Projected		\$ 199,300	
FY20/21	\$ 195,700	FY25/26	\$ 0
FY21/22	\$ 199,100	FY26/27	\$ 0
FY22/23	\$ 196,900	FY27/28	\$ 0
FY23/24	\$ 203,100	FY28/29	\$ 0
FY24/25	\$ 205,200	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

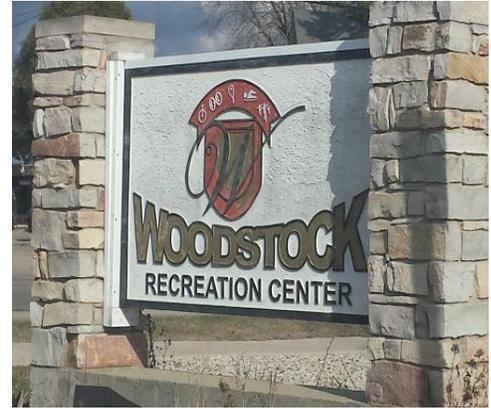
FY20/21 to FY24/25 Project Information

The City issued \$2.8 million in Alternate Revenue Bonds to transform the City’s landfill site into the Davis Road Soccer Complex, which included the construction of six new soccer fields, parking for spectators and athletes, and a storage building. The Environmental Management Fund is responsible for 80% of the debt service payment with the remaining 20% provided by the Park Development Fund. However, with the substantial decline in development-related revenues, the Park Development Fund is unable to generate sufficient revenues and the Environmental Management Fund must pay 100% of the debt.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2019		\$ 15,358	\$ 15,358	
1/1/2020	\$ 168,600	\$ 15,358	\$ 183,958	\$ 199,316
7/1/2020		\$ 12,582	\$ 12,582	
1/1/2021	\$ 170,500	\$ 12,582	\$ 183,082	\$ 195,665
7/1/2021		\$ 10,196	\$ 10,196	
1/1/2022	\$ 178,700	\$ 10,196	\$ 188,896	\$ 199,092
7/1/2022		\$ 7,370	\$ 7,370	
1/1/2023	\$ 182,100	\$ 7,370	\$ 189,470	\$ 196,840
7/1/2023		\$ 5,870	\$ 5,870	
1/1/2024	\$ 191,300	\$ 5,870	\$ 197,170	\$ 203,039
7/1/2024		\$ 2,988	\$ 2,988	
1/1/2025	\$ 199,200	\$ 2,988	\$ 202,188	\$ 205,175

Series 2014 Recreation Center

FY19/20 Budget		\$ 44,100	
FY19/20 Projected		\$ 44,100	
FY20/21	\$ 43,900	FY25/26	\$ 0
FY21/22	\$ 44,400	FY26/27	\$ 0
FY22/23	\$ 44,800	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

FY20/21 to FY22/23 Project Information

The City issued \$1,500,000 in Alternate Revenue Bonds in 2003 to provide funding for the purchase, renovation and expansion of the Community Recreation Center. The City is currently utilizing membership dues reported in the Recreation Center Fund to provide for 60% of this debt service payment with the remaining 40%, which represented the costs for the gymnasium expansion, being funded through park impact fees, or other revenues, if there are insufficient park impact fees available.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2019		\$ 3,397	\$ 3,397	
1/1/2020	\$ 37,320	\$ 3,397	\$ 40,717	\$ 44,114
7/1/2020		\$ 2,818	\$ 2,818	
1/1/2021	\$ 38,200	\$ 2,818	\$ 41,018	\$ 43,836
7/1/2021		\$ 2,271	\$ 2,271	
1/1/2022	\$ 39,800	\$ 2,271	\$ 42,071	\$ 44,342
7/1/2022		\$ 1,676	\$ 1,676	
1/1/2023	\$ 41,400	\$ 1,676	\$ 43,076	\$ 44,752

Series 2014 Lake Avenue

FY19/20 Budget		\$ 58,600	
FY19/20 Projected		\$ 58,600	
FY20/21	\$ 61,500	FY25/26	\$ 0
FY21/22	\$ 59,200	FY26/27	\$ 0
FY22/23	\$ 62,200	FY27/28	\$ 0
FY23/24	\$ 61,000	FY28/29	\$ 0
FY24/25	\$ 63,500	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

FY20/21 to FY24/25 Project Information

This line item provides for the principal repayment related to the \$850,000 in Alternate Revenue Bonds issued in FY05/06 to complete roadway improvements to Lake Avenue. This project included the widening of existing lanes, construction of new turn lanes, and installation of curb, gutter, sidewalks and storm sewer improvements. These improvements were required for the construction of the Super Walmart store. Sales Tax dollars have been pledged for repayment of this debt.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2019		\$ 4,517	\$ 4,517	
1/1/2020	\$ 49,600	\$ 4,517	\$ 54,117	\$ 58,634
7/1/2020		\$ 3,954	\$ 3,954	
1/1/2021	\$ 53,600	\$ 3,954	\$ 57,554	\$ 61,508
7/1/2021		\$ 3,031	\$ 3,031	
1/1/2022	\$ 53,100	\$ 3,031	\$ 56,131	\$ 59,162
7/1/2022		\$ 2,327	\$ 2,327	
1/1/2023	\$ 57,500	\$ 2,327	\$ 59,827	\$ 62,154
7/1/2023		\$ 1,761	\$ 1,761	
1/1/2024	\$ 57,400	\$ 1,761	\$ 59,161	\$ 60,922
7/1/2024		\$ 925	\$ 925	
1/1/2025	\$ 61,600	\$ 925	\$ 62,525	\$ 63,450

Series 2010A Aquatic Center

FY19/20 Budget		\$ 42,000	
FY19/20 Projected		\$ 42,000	
FY20/21	\$ 30,800	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

FY20/21 Project Information

The City issued Series 2000C Alternate Revenue Source Bonds in the amount of \$500,000 to provide additional financing for the construction of the Aquatic Center. The Series 2000C was refunded in 2010 with the Series 2010A. The City is currently utilizing sales tax receipts reported in the General Corporate Fund for the repayment of this debt.

Payment Date	Principal	Interest	Total	Annual Debt Payment
6/1/2019		\$ 1,209	\$ 1,209	
12/1/2019	\$ 39,520	\$ 1,209	\$ 40,729	\$ 41,938
6/1/2020		\$ 537	\$ 537	
12/1/2020	\$ 29,640	\$ 537	\$ 30,177	\$ 30,714

Series 2010A Opera House

FY19/20 Budget		\$ 127,900	
FY19/20 Projected		\$ 127,900	
FY20/21	\$ 93,700	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 payments were funded as required per Bond Ordinance.

FY20/21 Project Information

The City issued \$1,635,000 in Alternate Revenue Bonds to finance the construction of the Opera House Annex. This debt was intended to be paid through a \$3 Opera House ticket surcharge and donations. However, this revenue has been insufficient and an additional transfer has been required from the General Fund.

Payment Date	Principal	Interest	Total	Annual Debt Payment
6/1/2019		\$ 3,686	\$ 3,686	
12/1/2019	\$ 120,480	\$ 3,686	\$ 124,166	\$ 127,852
6/1/2020		\$ 1,638	\$ 1,638	
12/1/2020	\$ 90,360	\$ 1,638	\$ 91,998	\$ 93,636

2020 Road Bonds

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 636,600	FY25/26	\$ 637,400
FY21/22	\$ 632,600	FY26/27	\$ 633,200
FY22/23	\$ 633,500	FY27/28	\$ 633,600
FY23/24	\$ 634,000	FY28/29	\$ 637,400
FY24/25	\$ 636,000	FY29/30	\$ 637,600

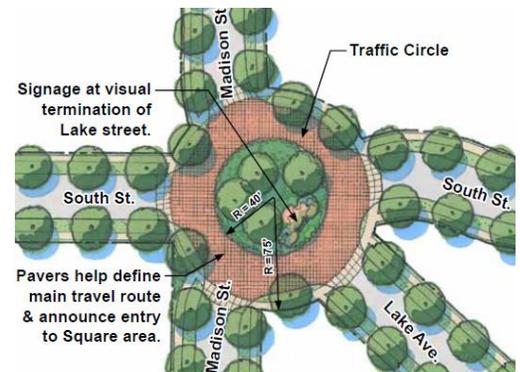


FY20/21 to FY29/30 Project Information

The City anticipates borrowing \$10,000,000 for an enhanced road repaving program that will be started and completed during the summer of 2020. This bond issuance was authorized by the City Council at their December 17th meeting. Debt service payments will be over the next 20 years and primarily paid by additional MFT funding received from the State of Illinois and a new \$0.03 cent per gallon local motor fuel tax authorized by Council to begin on April 1, 2020.

2021 Road Bonds (Rt47 & Roundabout)

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 170,100
FY21/22	\$ 170,100	FY26/27	\$ 170,100
FY22/23	\$ 170,100	FY27/28	\$ 170,100
FY23/24	\$ 170,100	FY28/29	\$ 170,100
FY24/25	\$ 170,100	FY29/30	\$ 170,100



Five Point Intersection Treatment- Alt 3

FY21/22 to FY29/30 Project Information

The City anticipates borrowing \$2,656,000 in FY21/22. \$1,156,000 is to be used to pay for the Roundabout being built at the intersections of South, Madison, and Lake. The remaining portion of \$1.5 million is to be used to pay for the first

General Corporate – CIP – Debt Service – Funded Projects

installment of the City’s required contribution by the Illinois Department of Transportation (IDOT) for Route 47 road improvements.

2023 Road Bonds (Rt47 & Roundabout)

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 0	FY25/26	\$ 96,300
FY21/22	\$ 0	FY26/27	\$ 96,300
FY22/23	\$ 0	FY27/28	\$ 96,300
FY23/24	\$ 96,300	FY28/29	\$ 96,300
FY24/25	\$ 96,300	FY29/30	\$ 96,300



FY23/24 to FY29/30 Project Information

The City anticipates borrowing \$1.5 million in FY23/24 to pay for the second and final installment for the City’s portion of Route 47 improvements as required by IDOT.

General Corporate General Administration

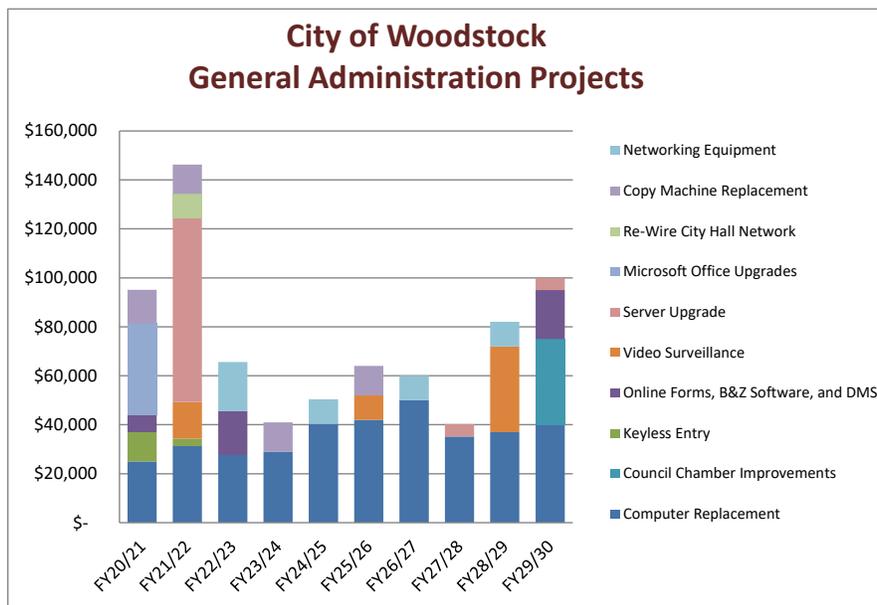
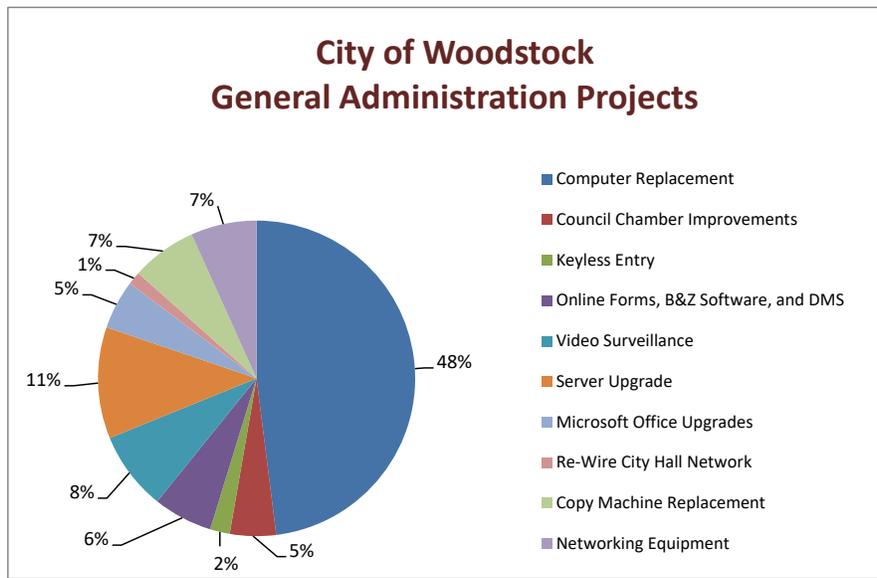
CIP Document FY20/21-FY29/30

General Corporate – CIP – General Administration

OVERVIEW

General Administration projects usually reflect proposed improvements to internal municipal operations that are not always apparent to the residents or perceived as beneficial to the general public. Projects throughout the ten-year period of the CIP include technological improvements which directly enhance and expand customer service by strengthening the internal processing and administration functions of the City, which, in turn, results in improved efficiency, productivity and service to the residents and businesses of Woodstock without the need for significant increases in municipal staffing.

As illustrated in the graphs presented below, the City’s Computer related items will require the majority of funding related to General Administration over the ten-year period. Projects within this category allow the City to address needs related to the City’s technology resources.



General Corporate – CIP – General Administration

General Corporate - CIP Fund General Administration Funded Projects	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten Year Totals
Computer Replacement	\$ 52,600	\$ 62,300	\$ 25,000	\$ 31,300	\$ 27,600	\$ 29,000	\$ 40,400	\$ 42,000	\$ 50,000	\$ 35,200	\$ 37,000	\$ 40,000	\$ 357,500
Council Chamber Improvements	-	-	-	-	-	-	-	-	-	-	-	35,000	35,000
Keyless Entry	6,000	6,000	12,000	3,000	-	-	-	-	-	-	-	-	15,000
Online Forms, B&Z Software, and DMS	10,000	3,000	7,000	-	18,000	-	-	-	-	-	-	20,000	45,000
Video Surveillance	-	-	-	15,000	-	-	-	10,000	-	-	35,000	-	60,000
Server Upgrade	66,000	65,200	-	75,000	-	-	-	-	-	5,000	-	5,000	85,000
Microsoft Office Upgrades	-	-	37,400	-	-	-	-	-	-	-	-	-	37,400
Re-Wire City Hall Network	-	-	-	10,000	-	-	-	-	-	-	-	-	10,000
Copy Machine Replacement	-	1,300	13,700	12,000	-	12,000	-	12,000	-	-	-	-	49,700
Networking Equipment	-	15,300	-	-	20,000	-	10,000	-	10,000	-	10,000	-	50,000
Total General Administration	\$ 134,600	\$ 153,100	\$ 95,100	\$ 146,300	\$ 65,600	\$ 41,000	\$ 50,400	\$ 64,000	\$ 60,000	\$ 40,200	\$ 82,000	\$ 100,000	\$ 744,600

Computer Replacement

FY19/20 Budget		\$ 52,600	
FY19/20 Projected		\$ 62,300	
FY20/21	\$ 25,000	FY25/26	\$ 42,000
FY21/22	\$ 31,300	FY26/27	\$ 50,000
FY22/23	\$ 27,600	FY27/28	\$ 35,200
FY23/24	\$ 29,000	FY28/29	\$ 37,000
FY24/25	\$ 40,400	FY29/30	\$ 40,000



FY19/20 Status Update

During the current fiscal year, the Computer Replacement CIP has been funding computer hardware improvements, as well as several repairs to existing equipment within the City. IT Staff has purchased fifty one (51) new computers that were not able to operate Windows 10, as well as solid state drives for an additional 30 computers throughout the City. The projected budget is \$9,700 over budget, as a lightning strike in September 2019 required the purchase of replacement hardware and repairs, which should be reimbursed by insurance. Any remaining funds will be spent prior to fiscal year end to continue to upgrade existing computer infrastructure within the City

FY20/21 thru FY29/30 Project Description

Computer hardware is constantly evolving over a very short time frame, making a computer purchased today obsolete in less than three years. To make matters worse, software vendors normally support only their most current versions of applications developed within the last two to three years. Although the actual hardware may continue to function properly over a period of 4 to 5 years, the reality is that the computer becomes incapable of effectively running City software over time.

The City has adopted a philosophy of replacing computer hardware as productivity and capabilities of the existing hardware adversely effects the ability to complete tasks. In FY19/20, IT staff was required to purchase more CPU hardware to support the Microsoft Windows 10 operating system. Staff continued to add additional hardware to support new functions or positions throughout the City.

As previously mentioned, the funding for this account is intended to replace the oldest hardware utilized by the City, as well as maintain the existing hardware and new software licenses utilized throughout the departments. The amount proposed for FY20/21 is to continue to maintain existing hardware and make any purchases as needed. The additional funding in FY21/22 & FY26/27 is intended for IT Staff to purchase new firewall hardware to keep up with ever changing threats to the City’s network. In FY24/25, FY25/26, and FY26/27 extra funding is

General Corporate – CIP – General Administration – Funded Projects

being requested to replace computers purchased in FY19/20 over a three-year time period. Currently, the IT Department maintains over 350 computers, laptops, servers, and peripherals throughout the City

Council Chamber Improvements

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 35,000



FY20/21 thru FY29/30 Project

Description

In FY17/18, City Council approved the purchase of hardware and software (Granicus) to provide live streaming of the City Council Meetings. In FY29/30, the allocated funds are to begin to upgrade the existing cameras and displays that are located within the City Council Chambers.

Keyless Entry

FY19/20 Budget		\$ 6,000	
FY19/20 Projected		\$ 6,000	
FY20/21	\$ 12,000	FY25/26	\$ 0
FY21/22	\$ 3,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

At the start of 2014, each City facility had managed its own access using keys to control entry. Although an effective solution, many times keys are lost or copied, and the ability to control access into the facilities becomes more challenging over time. In April 2014, IT Staff, working with the Opera House, installed a Sonitrol Keyless Entry system. The Sonitrol system provides the City the ability to issue key fobs to individuals to control access to the building, determine specific doors they can access, limit the times in which those doors will be available, and log the entry into the building, including identifying the key fob presented and the time of entry. The system also has the ability to expand to handle multiple facilities throughout the City. This new system was installed on three of the exterior doors at the Opera House, all remaining door locks were changed.

In August 2014, due to a complete failure of the existing keyless entry system at City Hall, IT Staff installed the Sonitrol system. The City was able to have this installed at a significantly lower price, as the core components of the system were already owned and only additional hardware was required to be installed.

In FY19/20, the system was expanded to the Old Courthouse, as well as the Recreation Center.

FY20/21 thru FY29/30 Project Description

In FY20/21, IT staff is planning on replacing the existing system located at WPD. The requested funding will replace the existing doors within the facility, as well as add new protection to the evidence room within the PD.

In FY21/22, IT staff will continue to expand the system to the main entry door at the Public Works facility.

Online Forms and Document Management

FY19/20 Budget		\$ 10,000	
FY19/20 Projected		\$ 3,000	
FY20/21	\$ 7,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 18,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 20,000



FY19/20 Status Update

In FY18/19, City Council approved the purchase of business registration, permitting, and paperless invoicing modules from Civic, as well as the Laserfiche enterprise-content management software. City Staff began by implementing the paperless invoicing module using Laserfiche to serve as the document repository for all of this new data.

In FY19/20, the City implemented a new form for businesses to complete for the plastic bag fees. The projected funding was for additional hours of support to implement the online forms module portion of the Laserfiche software.

FY20/21 thru FY29/30 Project Description

In FY20/21, funding has been allocated for consulting to assist with the implementation of credit card integration on specified forms, so residents and business can pay for City services online.

FY22/23 includes funding to purchase a new standalone server and additional licensing, as the current Laserfiche software and repository is running on an existing server within the City.

FY29/30 would be the next scheduled replacement of the new hardware that was purchased in FY22/23.

Video Surveillance

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 10,000
FY21/22	\$ 15,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 35,000
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 thru FY29/30 Project Description

In FY18/19 the City of Woodstock budgeted to replace the existing video surveillance systems with new hardware and software based on IP Technology with a centralized storage location. Currently, the City of Woodstock does internal and external video surveillance at City Hall, Woodstock Police Department, and Recreation Center. The system provides motion activated 24-hour, high-quality surveillance at each of the facilities. In FY19/20, exterior video surveillance was installed at the Public Works facilities as part of their operating budget.

IT Staff would like to continue to enhance video surveillance at each of its facilities, so in FY21/22 funding is being requested to install video surveillance to the interior of the Woodstock Opera House.

The funding in FY25/26 is to replace the existing video surveillance server that is located at City Hall and houses all the video information for each facility. FY28/29 funds are to begin replacing existing cameras to new hardware.

Server Upgrade

FY19/20 Budget		\$ 66,000	
FY19/20 Projected		\$ 65,200	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 75,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 5,000
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 5,000



FY19/20 Status Update

The City of Woodstock utilizes City Hall to function as a data center, housing various servers responsible for functions to operate and provide services to residents. Currently, the City of Woodstock’s server infrastructure is running on Microsoft Windows 2008 Server and Windows 2008 R2 Server. In addition, the City hosts its own email server that runs on Microsoft Exchange 2010. Starting January 14th, 2020 Microsoft will end all mainstream support for the operating systems and email systems that are currently utilized by the City. Once Microsoft ends support in 2020, fixes and patches for the software will no longer be released, which results in these computers being susceptible to issues and/or viruses.

In FY19/20, IT Staff installed three new servers to replace aging equipment, as well as upgraded remaining servers to Microsoft Windows Server 2016 or 2019 based on functions and compatibility.

FY20/21 thru FY29/30 Project Description

In FY21/22, the requested funding is to begin the virtualization of the City’s current server infrastructure. Virtualization is the process of running a virtual instance of a computer system in a layer abstracted from the actual hardware. An example would be running various operating systems, each with different tasks, on the same hardware simultaneously. The new server hardware that was purchased in FY19/20 will be used as part of the virtualization as hosts.

The funding requested in FY27/28 and FY29/30 is to begin the replacement of the existing server hosts.

Microsoft Office Upgrades

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 37,400	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 thru FY29/30 Project

Description

The City of Woodstock uses a variety of software to complete its daily operations. One of the primary software installed on every computer within the City is Microsoft Office. Microsoft Office is a product suite that contains several software applications, such as Microsoft Word, Excel, Outlook, Power Point, Access, and Publisher.

Currently, the City has purchased and installed Microsoft Office 2010, which was released in June of 2010 and is scheduled to no longer receive updates or support beginning in October 2020. In FY20/21, funding is being requested to upgrade all versions of Microsoft Office throughout the entire City to the latest version of Microsoft Office 2019. This new version will bring the City up to date with all the latest features and options that are provided by the product, as well as features that so far have been restricted to only Office 365 users

Re-Wire City Hall Network

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 10,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 thru FY29/30 Project

Description

Currently, most of the first and second floor network wiring runs are terminated to the Copy Room next to the Finance Department. All the network switches that provide connectivity to City Hall are also installed in this same location. As a result, the Copy Room can be very loud, due to fan noise, and during the summer months the location gets very warm, which causes additional strain on the fans and network equipment.

In FY21/22, IT staff is requesting \$10,000 to purchase cable and hardware to relocate this cabinet in City Hall. By re-wiring City Hall, this would allow IT staff to pull new cable and move the existing network equipment to the server room, located in the basement of City Hall, which provides a secure climate-controlled location.

Copy Machine Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 1,300	
FY20/21	\$ 13,700	FY25/26	\$ 12,000
FY21/22	\$ 12,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 12,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

The City of Woodstock depends heavily on the use of copy machines that are located in various facilities. These copy machines are used for printing, copying, scanning, and in some cases faxing. The heavy use of the units is driven by the lower cost to print utilizing these devices. The cost per page is more than 90% cheaper than using a local inkjet printer.

Due to the importance of each of these units, the City has adopted a schedule for replacing copiers for its departments. Each unit would be a replacement of an existing unit in the same area. The new copiers would continue to serve as the primary printer in each of these areas, as well as provide scan, copy and fax services

In FY19/20, Staff needed to replace the administrative copy machine located within the Police Department, six months early as the existing copy machine began failing and repairs were getting more expensive.

FY20/21 thru FY29/30 Project Description

In FY20/21, Staff is recommending to replace the primary copier that is located in the Finance Department. This copy machine is the primary high-use device that is used by all City Departments for larger copy tasks.

Funding proposed in FY21/22 includes replacements of the Public Works copier, at the Administration building, and the wide-format copier for Building and Zoning, located at City Hall. The Public Works copier will be replaced with a color unit. The Building and Zoning copier will be evaluated to determine if a color, large-format copier is needed at the time of the project.

General Corporate – CIP – General Administration – Funded Projects

In FY23/24, the City will begin replacing units that were replaced as part of this replacement plan. The copiers that will be replaced in this fiscal year will be the second floor copier located at City Hall, the copier located in the Building and Zoning Department, and the copier located in Patrol at WPD.

Funding for FY25/26 will replace the primary copier located in the Records Department at WPD, as well as the primary copy machine for the Recreation Center

Networking Equipment

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 15,300	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 10,000
FY22/23	\$ 20,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 10,000
FY24/25	\$ 10,000	FY29/30	\$ 0



FY19/20 Status Update

FY13/14 the City replaced and improved the entire network infrastructure throughout each department. In this upgrade, IT staff installed new Extreme Networks hardware that was homogenous and provided the entire network with both 1 GB connections as well as Power over Ethernet to each wired connection. This upgrade improved the City’s data and communications dramatically.

In FY19/20, IT Staff purchased several new devices due to a lightning strike that occurred in September 2019, which is expected to be reimbursed by insurance. This outage affected the four devices located at the Woodstock Opera House and three devices at City Hall.

FY20/21 thru FY29/30 Project Description

In FY22/23, IT Staff is requesting funding to continue to upgrade and improve the existing infrastructure, by acquiring new core networking devices for the Police Department and Public Works. This hardware would serve as the center of the existing network and would allow for improved network efficiency, speed, and security.

For FY24/25, the requested funds are to replace the older equipment located at City Hall and the Police Department. Subsequently, in FY26/27 and FY28/29 funding would replace the equipment located at the Woodstock Public Works facilities, as well as the Woodstock Recreation Center, respectively.

General Corporate Public Facilities

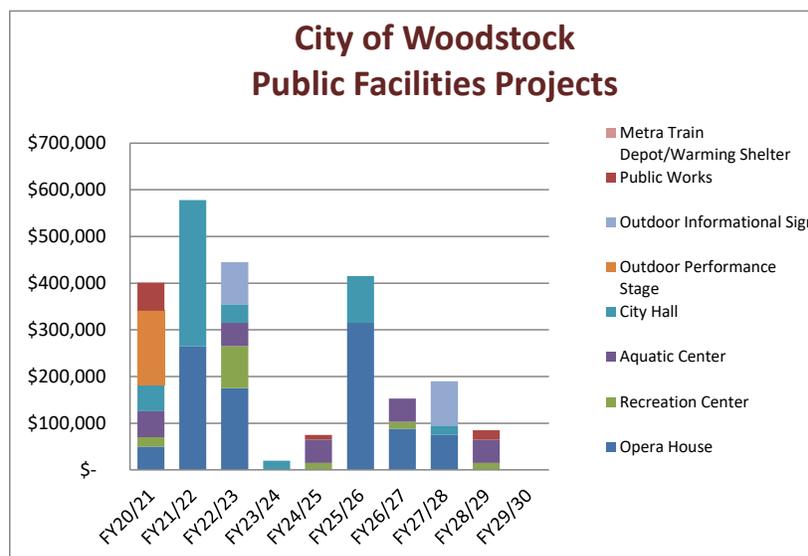
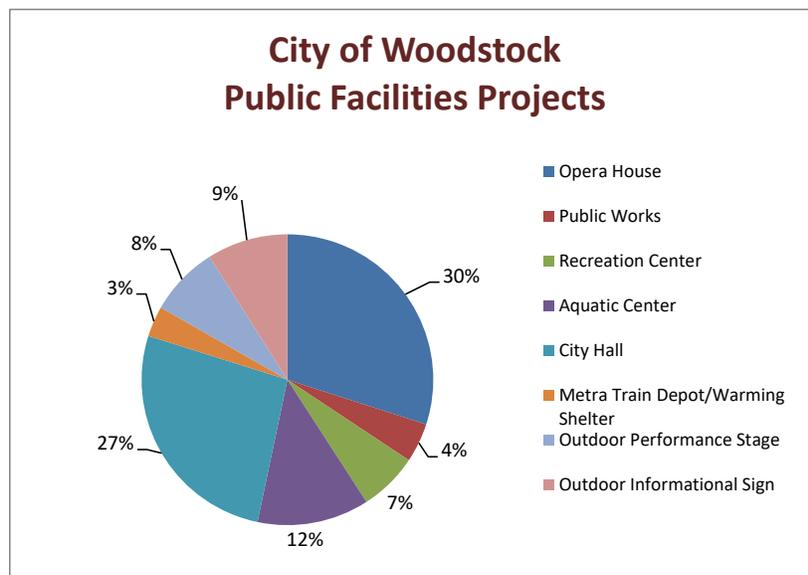
**CIP Document
FY20/21-FY29/30**

General Corporate – CIP – Public Facilities

OVERVIEW

With the exception of the voter-approved General Obligation Bonds for the expansion of the Public Library and Woodstock Water Works, the City has been extremely successful at funding public facility projects through existing revenue streams via the CIP. These have included the Police Facility, Opera House Annex and the acquisition and expansion of the Woodstock Recreation Center. This has also included the acquisition and expansion of public parking facilities throughout the downtown to help ensure that the many “users” in the downtown – businesses, shoppers, residents, etc. – can park within close proximity to their destinations.

As illustrated in the graphs presented below for projects that have been funded, Opera House and City Hall will require the largest funding levels over the ten-year period. Projects within this category allow the City to address needs related to its various facilities.



General Corporate – CIP – Public Facilities

General Corporate - CIP Fund Public Facilities	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Public Facilities													
Opera House Carpet & Masonry	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Opera House South Roof Replacement	91,000	57,900	-	-	-	-	-	-	-	-	-	-	-
Opera House Stage Floor Reconstruction	-	-	-	-	-	-	-	90,000	-	-	-	-	90,000
Opera House Fire Alarm System	43,000	43,000	-	-	-	-	-	-	-	-	-	-	-
Opera House Door & Window Restoration	-	-	-	140,000	-	-	-	-	-	-	-	-	140,000
Opera House Steam Boiler & Chimney	-	-	-	-	-	-	-	-	88,000	-	-	-	88,000
Opera House Auditorium HVAC Unit	-	-	-	-	-	-	-	-	-	75,000	-	-	75,000
Opera House Structural Assessment	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-
Opera House Stage Communication System	18,000	16,700	-	-	-	-	-	-	-	-	-	-	-
Opera House Fire Safety Improvements	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-
Opera House Back Stage Renovations	30,000	10,000	25,000	25,000	25,000	-	-	-	-	-	-	-	75,000
Opera House - Lightning Suppression System	-	20,000	-	-	-	-	-	-	-	-	-	-	-
Automated LED Theater Light Fixtures	-	-	-	100,000	-	-	-	-	-	-	-	-	100,000
New Auditorium Seating	-	-	-	-	-	-	-	150,000	-	-	-	-	150,000
Auditorium Renovations	-	-	-	-	-	-	-	50,000	-	-	-	-	50,000
LED Video Wall	-	-	-	-	150,000	-	-	-	-	-	-	-	150,000
Public Works Salt Dome	-	-	60,000	-	-	-	10,000	-	-	-	20,000	-	90,000
Aquatic Center	50,000	52,700	56,000	-	50,000	-	50,000	-	50,000	-	50,000	-	256,000
Metra Warming Shelter	-	-	70,000	-	-	-	-	-	-	-	-	-	70,000
Metra Station Improvements	-	18,000	352,000	-	-	-	-	-	-	-	-	-	352,000
Recreation Center Carpet	-	-	20,000	-	-	-	-	-	-	-	-	-	20,000
Recreation Roof Insulation Fix (Gym)	-	-	-	-	75,000	-	-	-	-	-	-	-	75,000
Recreation Center	-	-	-	-	15,000	-	15,000	-	15,000	-	15,000	-	60,000
City Hall Carpet	-	-	-	68,000	-	-	-	-	-	-	-	-	68,000
City Hall Renovations	-	-	25,000	175,000	-	-	-	-	-	-	-	-	200,000
City Hall Generator/Electrical Upgrades	10,000	10,000	30,000	-	40,000	-	-	-	-	-	-	-	70,000
City Hall Tuckpointing	-	-	-	50,000	-	-	-	-	-	-	-	-	50,000
City Hall Fire House Roof	-	-	-	-	-	-	-	80,000	-	-	-	-	80,000
City Hall Maintenance	20,000	6,000	-	20,000	-	20,000	-	20,000	-	20,000	-	-	80,000
Outdoor Performance Stage	102,000	8,000	160,000	-	-	-	-	-	-	-	-	-	160,000
Outdoor Informational Sign	35,000	74,200	-	-	90,000	-	-	-	-	95,000	-	-	185,000
Total Public Facilities	\$ 469,000	\$ 361,500	\$ 823,000	\$ 578,000	\$ 445,000	\$ 20,000	\$ 75,000	\$ 415,000	\$ 153,000	\$ 190,000	\$ 85,000	\$ -	\$ 2,784,000

Opera House Carpet & Masonry Repairs

FY19/20 Budget		\$ 25,000	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 25,000	FY25/26	\$ 25,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

The portion of this CIP project devoted to carpet installation was completed in January of 2019. Initially funds were set aside for exterior masonry repair in FY19/20, but due to weather, unforeseen damage to the bell tower, and seasonal timing issues, those repairs have been moved forward into FY20/21.

FY20/21 thru FY25/26 Project Description

It is requested that \$25,000 be included in each of FY20/21 and FY25/26 for the repair of brick and stone masonry, as needed, throughout the original City Hall/Opera House building. Work will be guided by the findings and recommendations of the Opera House Structural Assessment Report scheduled for completion in FY19/20.

Opera House South Roof Replacement

FY19/20 Budget		\$ 91,000	
FY19/20 Projected		\$ 57,900	
<hr/>			
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

Funds were provided this year for removal and replacement of the then-thirty-year-old built-up roof, which had developed many leaks, affecting activities, requiring frequent roof repairs, and causing interior damage. With the assistance of Public Works, a project proposal was prepared in May 2019 and a contract was awarded in July to L. Marshall Roofing & Sheet Metal Inc. The work began in early fall and was completed in October 2019. The project came in under budget largely due to not having to completely remove the three rooftop air condensers, as was originally anticipated. Instead only one of the units was required to be raised in height to meet warranty requirements, and this was accomplished in place.

Opera House Stage Floor Reconstruction

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 0	FY25/26	\$ 90,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY25/26 Project Description

It is requested that \$90,000 be allocated in FY25/26 for structural repairs to the stage floor and related improvements to areas directly below the stage. Work associated with construction of the Annex in 2003 revealed deficiencies in the floor of the historic stage. Age, wear, loading and previous remodeling projects have caused damage, sag, and unevenness in the stage surface.

Remodeling of the Opera House has involved the redistribution of static and live loads by moving, replacing and even eliminating structural elements. Over the past century, altered elements have included walls, columns and/or beams at every floor level. The dynamic responses of a building to such alterations may not manifest for years and it is likely that some of the deflection and rolling of the stage is related to the creation of a dressing room, restrooms and storage areas, as well as, support systems that were moved and the additional weight of ceilings, lighting and fire sprinklers directly below the stage area. Other significant modifications were made when, in the 1970s, return ducts to a new rooftop HVAC unit were installed in the forestage and a 6' by 10' section of floor was removed to allow the winching of scenery and large items to and from the stage through large trap doors and a 22' vertical shaft which extends to the shop space on Calhoun Street. With the addition of the freight elevator in the Stage Left Annex, the shaft and winch system has not been needed since 2003. Therefore, the scope of this project includes demolition of the cement block scenery shaft to allow the recovery of usable floor space on both the first floor and the mezzanine/dressing room level.

Work will include removal of the stage floor, inspection of the structure between the stage and dressing room area and repair of any damage from material failure, moisture, decay, excessive loading or insufficient bracing. It will also include, if needed, repair of electrical, plumbing and ventilation systems beneath the stage. The demolition of the winch shaft will be designed to facilitate the replacement of missing joists and reconstruction of previously removed floors. Since some of the necessary demolition will provide access to sprinkler risers, the fire sprinkler system will be extended at this time to protect the mezzanine hallway, restrooms, Green Room and Dressing Room 2. The end result will be a sound new uninterrupted floor on the Opera House stage, which is a vital component for all events presented.

Opera House Fire Alarm System

FY19/20 Budget		\$ 43,000	
FY19/20 Projected		\$ 43,000	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

Replacement of the Opera House fire alarm system, which was installed in 1992, is scheduled for winter of 2020. The current system has been rebuilt several times, subjected to multiple lightning strikes including one this past September, and expanded to accommodate the construction of the Opera House Annex. Because of its age it is difficult to get compatible parts to replace failing components, including critical initiating devices such as addressable smoke detectors. Bid documents will be drawn up in January of 2020 and made available to qualified companies. Replacement with a new unit will address occasional, but very serious, problems of hardware-induced false alarms, take advantage of recent improvements in technology and provide better protection for the historic building and all occupants, including emergency responders, by providing a new, more capable and reliable fire-alarm system.

Opera House Door and Window Restoration

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 140,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY21/22 Project Description

This project includes the manufacture and installation of custom exterior doors to replace weathered and damaged doors on Dean Street, to repair other exterior doors at Dean and Van Buren Street entrances and to address 67 windows on the north, south and east of the original City Hall/Opera House building. Work will include the inspection of all door and window penetrations, door repair – or replacement of severely-damaged doors previously repaired at the east fire escape levels – and the repair, restoration or replacement of window frames, sash, sills, casing, brick mold and other millwork, caulking, painting and the repair of any incidental masonry damage.

The goal throughout this project shall be to preserve original building fabric; elements such as windows will not be replaced unless deemed irreparable. In some instances it may be possible to use original sash, sills and millwork salvaged during the construction of the Annex.

Opera House Steam Boiler and Chimney

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 88,000
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY26/27 Project Description

All but a very few distinctive architectural features of the Opera House have been restored since the early 1970s. The FY07/08 CIP called for work on the original double-flue brick chimney, including the repair of severe structural cracks, removal of a broken cement chimney cap and restoration of ornamental masonry, which had been removed in 1939. The restoration project was postponed midyear due to financial constraints, but funds were approved to prevent the predictable collapse of the chimney. Several cracks in the face brick were tuck pointed, the chimney cap was repaired and the fractured structure was stabilized with galvanized steel bands in May, 2008. The work did not repair all damage and was intended to be only temporary.

The 118-year-old chimney continued to serve the facility’s only remaining steam-heating plant, a 28.4 H.P. Weil-McLain gas-fired atmospheric natural-draft venting boiler installed at the south end of the basement in 1977. This boiler was replaced with a smaller, more efficient 18.4 H.P. Burnham atmospheric steam boiler in October, 2009, but required the installation of a six-story, double-wall metal chimney liner with an exposed galvanized vent cap and flashing.

It is requested that \$88,000 be provided for replacement of the Burnham plant in FY26/27. Powered venting would provide burner supply air ducted from a rooftop intake and improve burner efficiency through digital control of the air and fuel mixture while reducing heat loss from the boiler and boiler room. It would also allow the removal of the tall metal vent cap from the chimney and completion of the FY07/08 masonry restoration project.

A portion of the funding will be used for treatment of the chimney, which will include removal of the top section laid up in 1939. Improper mortar should be ground from the original chimney to below its flashing. This will require the temporary removal of existing flashing and some roofing slates. Affected joints should be repaired by pointing with customized mortar mixed per the findings of brick and mortar analysis which was conducted on

General Corporate – CIP – Public Facilities – Funded Projects

original Opera House materials in 2017. The chimney may then be built up to its proper height with a supply of original bricks salvaged during construction of the Annex. Digital photo enhancement may be used to ensure compliance with building and ventilation codes and to facilitate the accurate duplication of corbels, recessed panels and stone banding that graced the Victorian chimney in 1890.

Opera House Auditorium HVAC Relocation

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 75,000
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY27/28 Project Description

As part of the 1975 restoration of the Opera House, radiant steam heating was phased out of many areas of the facility and central air conditioning was added. A split HVAC system was designed for the main floor of the former City Hall, a dressing room area under the stage, the stage house above and the 1939 South Addition, all via new ductwork to and from a six-zone air-handling unit in the basement. The heating deck was connected to an existing steam boiler and its cooling side was served by a new condensing unit on the south roof.

Initially, the Auditorium was to be served by a 25-ton HVAC package unit, also on the south roof. The mechanical plan had some advantages, but also had significant drawbacks – including the potential for operating noise being transmitted though the ductwork or the exterior wall, and heard onstage, as well as heating loss, cooling loss and pressure loss. Additionally, the City wanted to avoid penetrations of the proscenium fire wall. Therefore, ventilation, heating and air conditioning of the auditorium was provided instead by revising the plan’s supply and return systems and locating a 25-ton, natural gas-fired, down-flow package unit on the roof of the Opera House. Its installation on the wood-framed roof required a 23’ by 7’ curb, new bracing and reinforcement of the existing ridge beams, removal of three rafters and the placement of a 12”x14”x24” steel I-beam spanning two of the building’s five original timber roof trusses. Each of the two trusses was reinforced at its bottom chord by two 50’ steel tension rods to prevent the truss from spreading and failing under its new load. The 25-ton Roof Top Unit (RTU) was replaced in February, 2003 with a smaller – but taller – 30-ton unit and a heavy steel curb adapter.

General Corporate – CIP – Public Facilities – Funded Projects

The restoration architect and mechanical contractor understood that the roof and trusses would accept the combined weight of the new rooftop unit and the reinforcing materials. But the added weight was not a static load; it was and remains a dynamic load, pushed by winds and shaken by the operation of its machinery. The use of the tension rods to reduce flexure of the trusses also reduced the ability of the trusses to dampen vibration, so the ends of the trusses deliver movement and vibration to the brick pilasters that support them and subject the exterior walls of the building to stresses they were not designed for.

The request scheduled for FY27/28, includes replacement and relocation of the current auditorium HVAC machinery to the roof of the Opera House Annex, and necessary repairs and reconstruction of the Opera House roof and attic; Annex architect Bruce Roth confirmed the feasibility of such a project in 2003. The steelwork of the new building can support an additional rooftop unit and its cantilever framing was designed to prevent the transfer of lateral loads to the historic landmark.

Opera House Structural Assessment

FY19/20 Budget		\$ 30,000	
FY19/20 Projected		\$ 30,000	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

The amount of \$30,000 will be used to fund a thorough, much-needed architectural and engineering study of the structural condition of the original Opera House/City Hall building. An RFP - supplemented by several years of data and observations by staff - will be distributed to qualified firms and site visits provided to interested respondents in January of 2020 with award of work to follow as soon as possible. After thorough inspection of the facility, the consultant is to present a report on the condition of the building, identifying existing structural damage and certain or probable causes. Problem conditions should be ranked by severity. Recommendations for repair or remediation of structural damage should be made and should be prioritized in order of need. Findings and recommendations of this report will be used to plan immediate and long-term projects for the preservation of the historic landmark.

Opera House Stage Communication System

FY19/20 Budget		\$ 18,000	
FY19/20 Projected		\$ 16,700	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

In September of 2019, a new stage communication system was purchased from TC Furlong Inc. at a cost of \$16,700. The quality Clear Com system includes one wireless base station, 5 Freespeak II Digital wireless rechargeable beltpacks/headsets, 1 Clear Com antenna and a 5-way charger. Installation of the new system was delayed due to staffing issues, but is scheduled to be implemented in early 2020, replacing the outdated hardwired system previously installed in the stage house.

Opera House Fire Safety Improvements

FY19/20 Budget		\$ 15,000	
FY19/20 Projected		\$ 15,000	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



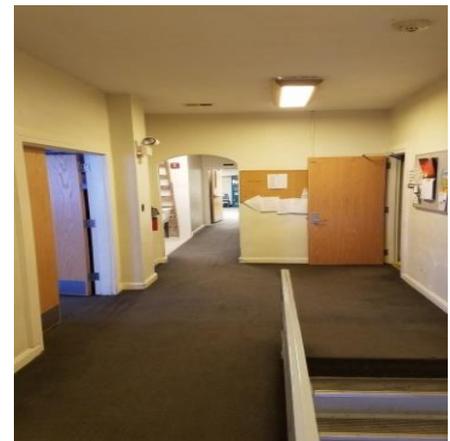
General Corporate – CIP – Public Facilities – Funded Projects

FY19/20 Status Update

Enhancement of existing Fire Safety and Sprinkler systems at the Opera House will be included with the scheduled CIP project to replace the existing Fire Alarm Panel. Planned improvements are the installation of alarm system-activated hold-opens and door closers on sixteen (16) fire-rated interior doors on the ground floor, Auditorium lobby, and Stage level to reduce or delay the spread of fire regardless of occupancy. Fire hose connections will be added at three levels of the Stage Left stairwell in the Annex. The new hose connection points will allow firefighters with “hotel packs” to quickly put water on fires in both the Annex and the Auditorium from the relative safety of the stairwell enclosure without waiting for hose lines to be run from hydrants. The project will require skilled electricians as well as fire sprinkler installation specialists. Work on this project may be done incrementally by both trades to accommodate the Opera House event schedule and other scheduled projects in Winter/Spring of 2020.

Opera House Backstage Renovations

FY19/20 Budget		\$ 30,000	
FY19/20 Projected		\$ 10,000	
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FY20/21	\$ 25,000	FY25/26	\$ 0
FY21/22	\$ 25,000	FY26/27	\$ 0
FY22/23	\$ 25,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

In FY19/20 \$30,000 was allocated to begin work on revitalizing the backstage areas of the Opera House. Work was scheduled to begin after the installation of the new roof on the rear annex that houses these facilities, but that work was not completed until October 2019. Additionally, the unexpected retirement of the Building Manager in June 2019 and the elimination of that position within the Opera House labor pool, added to the delay in beginning the work. After inspection of the Green Room and Dressing Room #2, it was determined that an architect would need to be hired to draw up plans for the renovation. With timing becoming an issue \$10,000 is anticipated to be spent in Winter/Spring to work up drawings with implementation of renovations beginning in FY20/21 and completed over a three-year period as funding becomes available.

General Corporate – CIP – Public Facilities – Funded Projects

FY20/21 thru FY22/23 Project Description

It is requested that funding be designated in the amount of \$25,000 in each year of FY20/21, FY21/22, and FY22/23 to continue the work of enhancing and updating the backstage green room and dressing room areas of the Opera House.

While many elements of the Opera House have been updated, refurbished and restored over the past 50 years, the backstage areas have seen only incremental maintenance and upkeep. When water damage destroyed the ceilings in the greenroom and second dressing room, a cheaper drop ceiling was put in place to cover up the damage. While doors were updated on the entrances to the rooms in the 1990s, old chipped and cracked flooring tiles remain as well as a very old and cheaper thin industrial carpet. The greenroom still boasts faux wood paneling from the 1950s/60s and the plumbing and bathrooms have not been updated in decades. While focus for updating and maintenance is generally the front of house lobby and auditorium areas, it should not be overlooked that hundreds if not thousands of performers and artists utilize the back stage areas each year and their experience is just as vital to maintaining our professional reputation.

With these funds, new ceilings, plasterwork, paint, carpeting, tile, plumbing, mirrors, tables, cabinetry and furniture will be purchased and installed to make an attractive and functional space for performers to utilize. Additionally, updates to the Green Room will enhance what is now another rentable location for meetings, rehearsals and other functions within the facility.

Opera House Lightning Suppression System

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 20,000	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

In September of 2019, the Opera House bell tower was struck by lightning, damaging the physical structure and many electronic systems within the facility. This was the third lightning strike to the building over the past eight years and most expensive to date. It was thought that the steel spike at the top of the tower was grounded as part of a lightning-suppression system that was intended during the restoration in the 1970s, but after

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inspection it was discovered that, while made to be attached to a grounding wire, the setup was never completed. Therefore, the Opera House is without a lightning-suppression system and is vulnerable to additional strikes, as it is the tallest building in the area. Funds have been added to the budget for this fiscal year to address this problem. Preliminary contact has been made with HLP Systems based in Chicago to gather necessary information in order to put a quote together for installation of a lightning suppression system on the Opera House and the South & West annexes. Selection of a vendor will take place in the winter with work anticipated to be completed in the spring of 2020.

Automated LED Theater Light Fixtures

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 100,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY21/22 Project Description

An upgrade to the stage lighting system is proposed for funding in the FY21/22 CIP budget to include the replacement of all of the fixed-lighting instruments in the existing ceiling (beam port) position with a permanent array of eight programmable automated LED lighting heads. The new instruments will be mounted to a new truss system attached to the ceiling, at a calculated distance from the stage intended to provide improved lighting angles, and the ability to move across the stage and change color, texture, intensity and beam spread on cue. This will also reduce the current physical load from the beam port, which has caused sagging and deformation of the auditorium ceiling.

An ETC ION Xe 20 lighting desk will also be purchased to control the new LED automated lights with encoder wheels. The current light board, an ETC Element, is now a legacy product with lack of support to keep it current; upon replacement there will be the option to sell this board or save it as backup, if desired. Also included in the project is the addition of new technology, Ethernet by ETC Response gateways. This important upgrade will allow the light system to communicate, via ACN (sACN) network streaming, with the light board, allowing for greater and more adaptive control in lighting applications.

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The project will ultimately provide the Opera House with cutting edge light products that will improve all shows with better lighting options, reduced labor costs, and an overdue correction of an important structural issue in the auditorium ceiling.

Opera House Auditorium Seating

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 150,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY25/26 Project Description

It is requested that \$150,000 be designated for the purchase of approximately 420 theatre seats for the Opera House Auditorium. In 2026 the Opera House will celebrate the 50th anniversary of the restoration efforts that took place in the 1970s and revitalized the historic theater. To acknowledge this achievement several projects are being recommended, for funding, that will assist in once again rejuvenating the theater and enhancing the patron’s experience, while keeping the historic building competitive and viable for another 50 years of programming and activities.

The existing seats in the Opera House auditorium are a mixture of used seating elements, purchased in the early 1960s from the Great Northern Theater in Chicago, combined with updated furnishings purchased during the restoration that took place in the mid-1970s. After half a century of use the mechanical components are starting to show their age and seating design is wholly dissimilar from the original Opera House iron and wood framed seating. While impractical to return to the original seating design, as they were much smaller and lacked any padding or fabric, the funds designated would be used to purchase new seating, with modern comforts, based stylistically on the original Opera House seats. This in turn will maintain the historic look of the theater and provide the necessary comfort patrons expect from modern performing arts centers.

Opera House Auditorium Renovations

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 50,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY25/26 Project Description

It is requested that \$50,000 be designated for interior paint restoration to the public areas of the Opera House. In 2026 the Opera House will celebrate the 50th anniversary of the restoration efforts that took place in the 1970s and revitalized the historic theater. To acknowledge this achievement, several projects are being recommended for funding that will assist in once again rejuvenating the theater and enhancing the patron’s experience, while keeping the historic building competitive and viable for another 50 years of programming and activities.

In the mid-1970s the Opera House received a major facelift in the form of a historic restoration effort. During that time the lobby and auditorium areas were stripped down to the original framework and then plastered and painted. At that same time, a public works employee spent four months hand stenciling the auditorium ceiling and professional painters worked on restoring paint to original woodwork and architectural elements. Robert Furhoff was the architectural historian and designer who researched the stencil patterns and color schemes for the theater during this phase of the restoration.

For this upcoming paint restoration effort, Furhoff’s notes will be used with aid from a professional historic theater restoration firm to verify proper color schemes. Professional painters will be hired again to touch-up, enhance and restore historic painted elements to the vibrancy and historic condition of their original colors, including the gilded work along the curved balcony woodwork and the proscenium. All effort will be made to recreate and maintain the historic nature of the theater, while breathing new visual life into the public areas of the facility.

LED Video Wall

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 150,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY25/26 Project Description

Historically, background scenery for plays, concerts or events would be provided by painted scenery or stage drops that would be hung from the stage house rigging system. To change a scene or location these drops would be raised and lowered to provide a new background image that would establish location, theme, or other decorative elements. With modern LED technology, a large LED screen system would replace the need for the stage drops from yesteryear with modern digital images that can be changed at the push of a button. Animations, video and still images can be incorporated into almost any staged event and will create all new possibilities for theatrical plays, musicals, concerts, dance programs, and more.

The requested funds will provide for approximately 104 LED panels that combined will create a 21'x13' screen positioned along the back wall of the stage. Funding will also cover the costs of cables, rigging, a hardware controller and necessary software.

Public Works Salt Dome

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 60,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 10,000
FY24/25	\$ 10,000	FY29/30	\$ 0



FY20/21 Project Description

The City can store a total of 2,000 - 2,400 ton of road salt between its two existing salt storage facilities. For a City of Woodstock’s size, this is an appropriate amount of covered storage. The City anticipates that Public Works will move from its existing site sometime in the future. As a result, it would be beneficial for the City to invest in covered storage that could be relocated at a later date. This request is for the construction of a moveable 40’ x 64’ covered salt storage building to replace an existing wood framed dome that has outlived its useful life. Funds are for the demolition of the existing dome and the construction of an AccuSteel building with wall louvers, straight end wall package, and installation.

FY24/25 Project Description

This request needs to align with the relocation of the Public Works complex. An AccuSteel covered salt storage building was erected in 2009 to meet necessary road salt storage requirements. Unfortunately, the feasibility and cost of moving this structure from its current location in the hopes of erecting it in a new location is not advisable. The prohibitive cost of this outweighs the life of the roof itself as it is more than fifteen (15) years old. As a result, \$10,000 in funding has been included for recommended maintenance on the building installed in FY20/21. This will maximize the life of the structures at a fraction of the cost for replacement.

FY28/29 Project Description

Funding should be set aside for any necessary maintenance to the new structures (\$10,000 per structure). This will maximize the life of the structures at a fraction of the cost to replace.

Aquatic Center Maintenance

FY19/20 Budget		\$ 50,000	
FY19/20 Projected		\$ 52,700	
FY20/21	\$ 56,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 50,000
FY22/23	\$ 50,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 50,000
FY24/25	\$ 50,000	FY29/30	\$ 0



FY19/20 Status Update

On Memorial Day 2002, the City opened a three-pool aquatic center in Emricson Park that provides outdoor aquatic activities for the community. This facility has served the City well for nearly 17 years; however, the facility is seasonal and during the winter months it is not heated.

In FY19/20 funds were spent on a few maintenance projects at the Aquatic Center. The winter of 2018 was very tough on the pool in that a plastic pipe feeding the play features at the end of the zero-depth pool cracked. In addition, some plastic pipe in the roof of the play feature at the end of the zero-depth pool cracked and pieces of it broke away. This failure left this feature inoperable. Water Treatment Plant staff glued the roof back together as a stop gap measure, but this repair was known to be temporary.

Funds in FY19/20 were used to purchase a remanufactured roof system for the water feature at a cost of \$11,675. A contract was also let to refurbish the pool slides at the facility for an amount not-to-exceed \$30,000. Recreation Department staff expended \$11,060 for paint and supplies for the baby pool and the lap pool. All work will be completed before April 30, 2020.

FY20/21 Project Description

Aquatic Center Maintenance (\$56,000): In FY20/21, funds are requested to have the expansion joints caulked and the zero-depth pool shell professionally painted. Other maintenance includes the sealing of exposed concrete and the application of a professional surface on the equipment room roof.

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FY22/23 Project Description

Aquatic Center Maintenance (\$50,000): Funds are requested to have the expansion joints caulked and the baby pool and lap pool shells professionally painted. In addition the floors will be cleaned and a new epoxy finish will be applied in the bath house.

FY24/25 Project Description

Aquatic Center Maintenance (\$50,000): Funds are requested to have the expansion joints caulked and the zero-depth pool shell professionally painted. Other maintenance may involve the replacement of pumps, reconditioning of sand filters, and/or the replacement of boilers.

FY26/27 Project Description

Aquatic Center Maintenance (\$50,000): Funds are requested to have the expansion joints caulked and the baby pool and lap pool shells professionally painted. In addition the floors will be cleaned and a new epoxy finish will be applied in the bath house.

FY28/29 Project Description

Aquatic Center Maintenance (\$50,000): Funds are requested to have the expansion joints caulked and the zero-depth pool shell professionally painted. Other maintenance may involve the replacement of pumps, reconditioning of sand filters, and/or the replacement of boilers.

Metra Warming Shelter – RTA Access to Transit

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 70,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/29	\$ 0



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FY20/21 Project Description

The City Administration is working with Metra to complete the engineering for a new Warming Shelter on the inbound-side of the tracks. As part of the City’s contribution to this project, the City will need to negotiate and acquire the property from Union Pacific. Metra would fund construction of the new Warming Station as part of their Capital Improvement Program.

Train Station Improvements

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 18,000	
FY20/21	\$ 352,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

In late 2019, the City approved an intergovernmental agreement (IGA) with METRA for building preservation improvements to the train station. The Executive Director at METRA signed the agreement in January 2020. Wold/Ruck Pate was hired to complete a Facility Assessment of the Metra Station and the identified projects are the basis for the IGA. Improvements include but are not limited to: tuckpointing, painting, fascia and soffit repair, replacement of HVAC with high efficiency units, new roof, etc., with construction costs totaling \$301,800. Based upon the IGA, Metra will reimburse the City for the cost of the Facility Assessment and all construction improvements, but the City will need to go through the bidding process and manage the construction contracts. It is likely that this project will be let out for bid prior to the end of FY19/20, but actual construction will probably not start until after May 1, 2020. Funds in FY19/20 will pay for the preparation of project plans and specifications by Wold/ Ruck Pate.

FY20/21 Project Description

Metra will pay for improvements to the Woodstock Train Station with the City taking the lead on securing competent contractors and overseeing the construction contracts. Funds are requested in FY20/21 to complete improvements that are identified in the Facility Assessment Report. These funds will be reimbursed by Metra following final inspection and invoicing of completed work.

Rec Center Carpet Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 20,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 Project Description

The Recreation Department is proposing to replace the carpeting/padding in the Rec Center office area, cardio room, circuit weight area and hallways. The carpets are original with the purchase and renovation of the building that occurred in FY02/03.

As indicated in the attached pictures, despite daily vacuuming and monthly shampooing, the carpets are permanently soiled/stained and there are sizable gouges around some of the weight machines and in the office area. The condition of the carpets is a common complaint among members and staff.

With the additional competition from Planet Fitness, a hygienic and aesthetically pleasing facility is a must. The Rec Center is open 364 days a year and has thousands of visitors including Rec Center members, class participants and rental users. Wear is inevitable, but 16 years of daily use indicates the carpets have been maintained.

Rec Center Roof Insulation Fix (Gym)

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 75,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY22/23 Project Description

Although the seams and penetrations on the gym roof at the Recreation Center have been sealed, it is the opinion of the roofing company that it is only a matter of time before the roof begins to leak again. As the patch material dries out, the roof will leak and it will be increasingly difficult to determine where the leak is originating from. Funds requested in FY22/23 are to replace the roof over the portion of the building that houses the gym.

Rec Center Improvements

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 15,000
FY22/23	\$ 15,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 15,000
FY24/25	\$ 15,000	FY29/30	\$ 0



FY20/21 thru FY29/30 Project Description

In FY22/23, the Recreation Department is proposing to install a divider curtain in the gym at the Rec Center to provide additional rec and fitness programming opportunities. The ability to offer two programs simultaneously

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would be especially beneficial for after school activities when demand for gym space is high. With the addition of the pickle ball court last year, which is primarily used during the day, it would allow for basketball, volleyball, or a fitness class to be offered on the other court.

With the additional competition from Planet Fitness, the City’s Rec Center will differentiate its offerings by providing additional recreation and fitness opportunities to make this facility more attractive to current and potential members.

City Hall Carpet Replacement

FY19/20 Budgeted		\$0	
FY19/20 Projected		\$0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 68,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY21/22 Project Description

Carpet (\$68,000): The carpeting in City Hall was purchased and installed over 20 years ago. High traffic areas are requiring additional attention from maintenance staff and the inventory of carpet remnants for repairs have been exhausted. These funds will pay for the replacment of existing carpet at City Hall.

City Hall Renovations

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 25,000	FY25/26	\$ 0
FY21/22	\$ 175,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 Project Description

The Old Fire Station is located directly behind City Hall. Although the Old Fire Station is a stand-alone building there is indoor access to the facility from the first floor of City Hall. Some of the issues with the fire station is that it has no elevator and lacks handicap accessibility. Being an old building, City Hall also has some issues that need to be resolved. There is not a lot of room for expansion and the second floor has no restroom facilities. Funds are requested in FY20/21 to have an architectural firm design a walkway from the second floor of City Hall to the second floor of the Old Fire Station. This improvement would allow City Hall to be expanded and it would also provide for access to restrooms on the second floor of the Fire Station.

FY21/22 Project Description

Funds in FY21/22 are requested for the construction of a fully-enclosed walkway between City Hall and the Fire Station at the second-floor elevation.

CH Generator/Electric Upgrades

FY19/20 Budgeted		\$ 10,000	
FY19/20 Projected		\$ 10,000	
FY20/21	\$ 30,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 40,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

There is a standby generator located in the basement of City Hall. The generator is very old and it does not power up everything in City Hall if an outage were to occur. In FY19/20, funds were used to initiate a study to determine what should be powered up in the event of an outage of long duration and to see if the existing generator has the capacity to provide additional standby power. If additional standby power is necessary beyond what is currently available, plans and specifications will be developed for the addition of a transfer switch and generator. The study will also identify what wiring may need to be moved for connection to a transfer switch.

FY20/21 Project Information

Electrical Improvements (\$30,000): These funds are requested to pay for the work identified in the standby power evaluation and study. This work may entail, but not be limited to, the purchase and installation of a transfer switch, rewiring, purchase of a larger or second standby generator, etc.

FY22/23 Project Information

Standby Power/ Electrical Improvements (\$40,000): The Standby Generator Evaluation and Study will identify whether there is a need for an additional or completely new standby generator. It is anticipated that if more capacity is required, a transfer switch can be installed in FY20/21 and a portable trailer-mounted generator can be used to power City Hall. This same generator is used to power liftstations, water booster stations, etc. As a result, these funds will be used to purchase and install a fixed generator at City Hall if other sites are too dependent upon the trailer-mounted unit.

City Hall Tuckpointing

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 50,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY21/22 Project Description

Tuckpointing (\$50,000): Funds are requested to have the entire exterior of the City Hall building tuckpointed in 2021 to preserve the masonry exterior.

City Hall - Fire Station Roof Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 80,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY25/26 Project Description

Roof Replacement (\$80,000): Funds are requested for a roof replacement at the Old Firehouse connected to City Hall.

Outdoor Performance Stages

FY19/20 Budget		\$ 102,000	
FY19/20 Projected		\$ 8,000	
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FY20/21	\$ 160,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

In FY19/20 the City worked to narrow down an appropriate design based upon the anticipated use of this facility. After much consideration, the City decided to pursue a pre-engineered band structure constructed on an area of approximately 7,000 square feet with an audience capacity of 700 people. The City is under contract with Design Perspectives INC of Naperville for the preparation of preliminary design and renderings in addition to construction documents and bidding assistance. Plans and specifications will be completed on or around April 30, 2020 with construction of the outdoor stage completed before the winter of 2020. City staff, and a City Council member did travel to Mokena to look at a similar structure already in use.

FY20/21 Project Description

The City plans to construct a covered, multilevel stage that could be used for a variety of purposes including live theatre and music. A structure of this kind could also serve as a location for other events like Movies in the Park, athletic competition award ceremonies and weddings. It's also possible that a facility of this kind could generate income as a rental venue for private events. With the approval of funds and the approval of the site layout, the City plans to construct a Park stage in Emricson Park in FY20/21.

In addition, \$30,000 is requested for the purchase of an outdoor portable stage system. With the numerous activities and events on and around the Woodstock Square each year, the need for additional performance spaces has been called for by several user groups. With the purchase of a portable outdoor performance stage, several annual activities could be enhanced in a variety of locations. The funds designated here would be used to purchase a 16'x 24' stage system with side guard rails, stairs, stair railings, stage skirting and an additional Square Truss



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Package to hang lighting and sound equipment from. The stage material is weatherproof aluminum and is adjustable in height to adapt to uneven ground.

With this system, concerts, programs and events on and off the Square would have access to a modular system of staging that could adapt to most needs. Examples of events that could benefit from this equipment would be Groundhog Day, Memorial Day, Folk Fest, Harvest Fest, Mexican Independence Day, Chamber Events, Recreation Center activities, outdoor concerts, and more. An appropriate fee would be charged for rental of the stage and when not in use outdoors, its modular nature could serve as platforms for indoor events on the Opera House stage.

Outdoor Information Signs

FY19/20 Budget		\$ 35,000	
FY19/20 Projected		\$ 74,200	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 90,000	FY27/28	\$ 95,000
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0

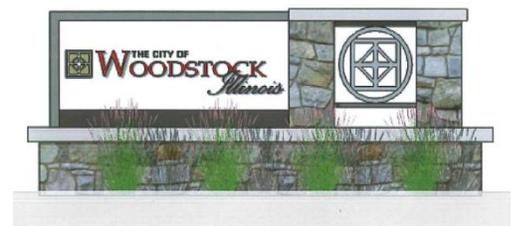


FY19/20 Status Update

In FY19/20 the City replaced its manually operated community events sign with an electronic version. The sign is used to advertise numerous City and community events. These events can include Recreation and Water Works events and activities, Opera House shows, Library activities, along with disseminating Public Works info such as leaf collection and fire hydrant flushing. Construction of the sign fell into FY19/20 along with final project payout. The sign located just west of the Burger King restaurant on IL Rt. 47 is currently in use and message placement is managed by the City Manager’s Office.

FY22/23 Project Description

A second electronic sign is proposed for installation at one of the entrances to the City. Entrances could include IL Route 47, IL Rt. 120, US Rt. 14, Kishwaukee Valley Road, Dean Street, etc. The sign could be a “Welcome to Woodstock” sign with or without the electronic



General Corporate – CIP – Public Facilities – Funded Projects

message board. The construction of a sign without a message board reduces the budget request by approximately \$50,000.

FY27/28 Project Description

Funds are requested to construct a third “Welcome to Woodstock” sign or message sign board at one of the entrances to the City. Entrances could include IL Route 47, IL Rt. 120, US Rt. 14, Kishwaukee Valley Road, Dean Street, etc. The construction of a sign without a message board reduces the budget request by approximately \$50,000.

General Corporate Public Safety

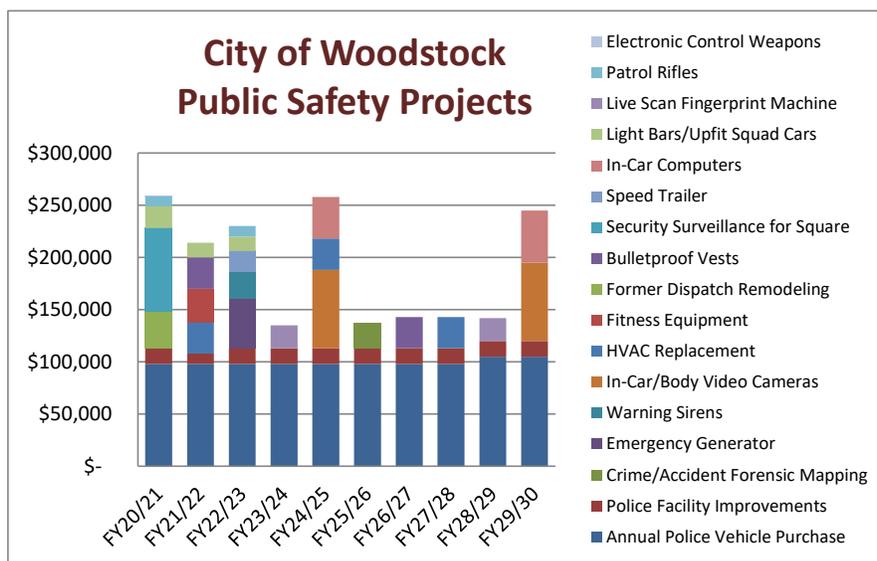
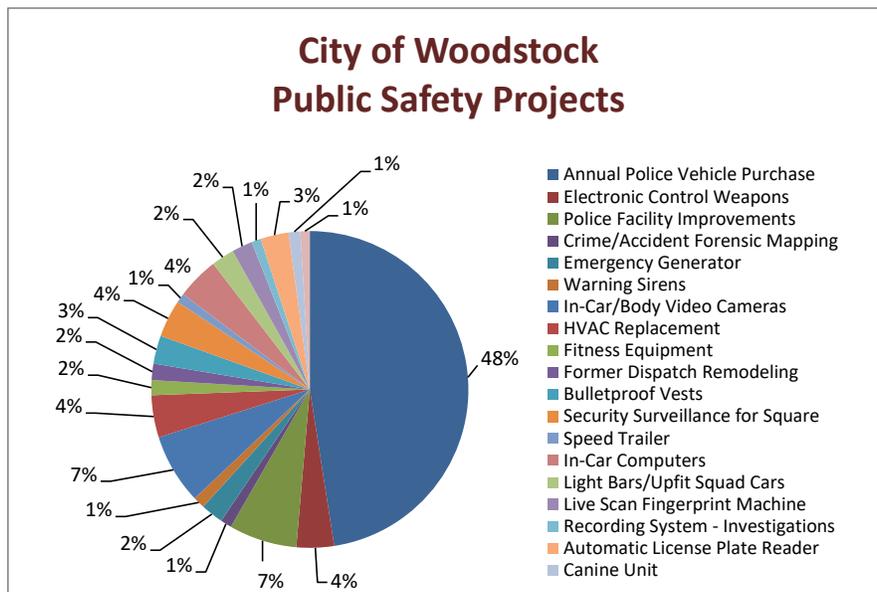
CIP Document FY20/21-FY29/30

General Corporate – CIP – Public Safety

OVERVIEW

All projects included in the Public Safety category are primarily for the maintenance and/or replacement of equipment for the Woodstock Police Department (WPD). These upgrades and replacements are necessary to ensure that public safety programs continue to meet the high customer service expectations of the community. It should be noted that the WPD maintains its own computer network system, including computer replacement program.

As illustrated in the graphs presented below, Police Vehicle purchases represent almost half of the request for funding over the ten-year period. These projects provide the numerous pieces of equipment and building upgrades required to support a full-functioning Police operation.



General Corporate – CIP – Public Safety

General Corporate - CIP Fund Public Safety	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Public Safety													
Annual Police Vehicle Purchase	\$ 96,000	\$ 98,000	\$ 98,000	\$ 98,000	\$ 98,000	\$ 98,000	\$ 98,000	\$ 98,000	\$ 98,000	\$ 98,000	\$ 105,000	\$ 105,000	\$ 994,000
Electronic Control Weapons	-	-	-	-	-	-	-	-	-	-	80,000	-	80,000
Police Facility Improvements	15,000	17,000	15,000	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	145,000
Crime/Accident Forensic Mapping	-	-	-	-	-	-	-	24,000	-	-	-	-	24,000
Emergency Generator	-	-	-	-	48,000	-	-	-	-	-	-	-	48,000
Warning Sirens	-	-	-	-	25,000	-	-	-	-	-	-	-	25,000
In-Car/Body Video Cameras	-	-	-	-	-	-	75,000	-	-	-	-	75,000	150,000
HVAC Replacement	-	-	-	30,000	-	-	30,000	-	-	30,000	-	-	90,000
Fitness Equipment	-	-	-	32,000	-	-	-	-	-	-	-	-	32,000
Former Dispatch Remodeling	-	-	35,000	-	-	-	-	-	-	-	-	-	35,000
Bulletproof Vests	-	-	-	30,000	-	-	-	-	30,000	-	-	-	60,000
Security Surveillance for Square	-	-	80,000	-	-	-	-	-	-	-	-	-	80,000
Speed Trailer	-	-	-	-	20,000	-	-	-	-	-	-	-	20,000
In-Car Computers	28,000	28,000	-	-	-	-	40,000	-	-	-	-	50,000	90,000
Light Bars/Upfit Squad Cars	10,000	21,000	21,000	14,000	14,000	-	-	-	-	-	-	-	49,000
Live Scan Fingerprint Machine	-	-	-	-	-	22,000	-	-	-	-	22,000	-	44,000
Recording System - Investigations	-	-	20,000	-	-	-	-	-	-	-	-	-	20,000
Automatic License Plate Reader	-	-	-	-	60,000	-	-	-	-	-	-	-	60,000
Canine Unit	-	-	-	-	-	25,000	-	-	-	-	-	-	25,000
Patrol Rifles	-	-	10,000	-	10,000	-	-	-	-	-	-	-	20,000
Total Public Safety	\$ 149,000	\$ 164,000	\$ 279,000	\$ 214,000	\$ 290,000	\$ 160,000	\$ 258,000	\$ 137,000	\$ 143,000	\$ 143,000	\$ 222,000	\$ 245,000	\$ 2,091,000

Annual Police Vehicle Purchase

FY19/20 Budget		\$ 96,000	
FY19/20 Projected		\$ 98,000	
<hr/>			
FY20/21	\$ 98,000	FY25/26	\$ 98,000
FY21/22	\$ 98,000	FY26/27	\$ 98,000
FY22/23	\$ 98,000	FY27/28	\$ 98,000
FY23/24	\$ 98,000	FY28/29	\$ 105,000
FY24/25	\$ 98,000	FY29/30	\$ 105,000



FY19/20 Status Update

For FY19/20, three police vehicles are scheduled for replacement. All three will be marked patrol vehicles, and will be purchased through the Northwest Municipal Joint Purchasing Cooperative. Delivery of the vehicles is expected prior to the end of FY19/20. The cost for this year’s purchase is \$98,000.

FY20/21 thru FY29/30 Project Description

This project is the annual replacement/rotation of police vehicles. The rotation system provides for the partial replacement of the Police Department’s fleet of vehicles. All primary vehicles are rotated to secondary vehicles, while secondary vehicles are transferred to other City departments or placed out of service. The vehicles taken out of service have normally exceeded 100,000 miles. The five-year alternating vehicle replacement system generally provides for two to three primary patrol vehicles to be replaced every year and one or two vehicles replaced from the existing older fleet. The older fleet vehicles are the unmarked cars used by the detectives, Deputy Chiefs, and Chief. The Community Service Officer vehicle and the D.A.R.E. SUV are kept in service for an extended period of time due to the lower impact driving that the vehicles experience. Older fleet vehicles are rotated out of service after a minimum of five years. The City has experienced firsthand that extended use of these vehicles not only significantly increases maintenance costs, but also can impact officer safety.

Electronic Control Weapons

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 80,000
FY24/25	\$ 0	FY29/30	\$ 0



FY28/29 Project Description

It is anticipated that the entirety of the department’s contingent of Electronic Control Weapons (ECW, also known as Tasers) will need to be replaced after ten years of being in-service; the ECW system was implemented during FY18/19. The requested amount of CIP funding for this project will be used to continue to equip the men and women of the Woodstock Police Department with another option to balance out the “Use of Force Continuum.” The Taser, by Axon, will provide that balance to that continuum. By providing this system to all of our sworn officers, we are meeting our responsibility to provide, to the best of our ability, for the well-being and safety of both the officers and the citizens we serve.

The cost listed above indicates the amount necessary to deploy 40 Taser units, which would address the Department’s current needs based on the number of sworn personnel.

Police Facility Improvements

FY19/20 Budget		\$ 15,000	
FY19/20 Projected		\$ 17,000	
FY20/21	\$ 15,000	FY25/26	\$ 15,000
FY21/22	\$ 10,000	FY26/27	\$ 15,000
FY22/23	\$ 15,000	FY27/28	\$ 15,000
FY23/24	\$ 15,000	FY28/29	\$ 15,000
FY24/25	\$ 15,000	FY29/30	\$ 15,000



FY19/20 Status Update

It is anticipated that by the end of this fiscal year, facility improvements to the police facility will be an entire transition of interior lighting to an LED solution. The cost for the project was \$17,000.

FY20/21 thru FY29/30 Project Description

The Police Administrators with the assistance of the City staff will continue to identify projects needed to keep the City’s investment of a police facility in top form for the Woodstock community. It is anticipated that in FY20/21, a project will be initiated to update the facility’s interior paint; areas of the facility will be prioritized based on needs.

Crime/Accident Forensic Mapping

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 24,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY25/26 Project Description

During any given year, the Woodstock Police Department may investigate fatal car crashes, homicide(s), and a number of death investigations. When a serious investigation is required, the crime scene is potentially the most important item in the ensuing investigation. Scene documentation creates a permanent written and visual record of the scene, the condition of the scene, and highlights the evidence contained within it. Accurately measuring the scene with a scaled diagram always proves to be invaluable. In today's society, judges, juries, and prosecutorial and defense attorneys demand the best forensic evidence in both criminal and civil litigation.

The FARO 3D laser scanning/forensic mapping system is becoming the leading tool used by law enforcement at crash and crime scenes. The system can be utilized for diagramming motor vehicle crashes, crime scenes, disaster responses, and can assist in the development of response plans for events such as warrant attempts or public rallies. The FARO station and the related software have the ability to create 3D maps, images and animations of all types of scenes. By utilizing FARO, an investigator's time at a crime scene, and the closure of roadways at an accident scene, is significantly reduced; creating both a government/civilian cost-benefit and a reduction of liability by clearing investigators from the roadway.

This purchase would include the necessary equipment, software, and training for Woodstock Police Department members to become proficient in the operation of this computerized system.

Emergency Generator

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 48,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY22/23 Project Description

The Police Department relies on an industrial diesel engine generator to immediately supply critical emergency operational electrical power in the event of a power outage. The generator system has a life expectancy of 15 years; the system was installed 18 years ago when the construction of the Police Station was completed. Weekly tests are conducted and maintenance is performed on the current generator system. However, during 2015, a \$6,000 repair was required to keep the current generator operable. This repair has extended the life of the generator a few years, but its life expectancy can be extended only so far. The generator system is a vital operating system to ensure emergency services to the community are provided.

This project would fund the installation and replacement of the existing emergency generator.

Warning Sirens

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 25,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY22/23 Project Description

Although the City no longer maintains its own fire/rescue dispatch operation, the City still maintains an Emergency Preparedness Plan in conjunction with the Woodstock Fire/Rescue District and NERCOM. A critical element of this plan is to provide an effective system to alert citizens via an outdoor warning system. The sirens have been placed in strategic locations throughout the City to alert those individuals that are out of doors that an emergency condition exists, such as a tornado or chemical hazard, and that they should take cover immediately.

As the City’s population increases, new sirens will provide for greater coverage allowing for a better ability to warn community members who are outdoors of impending danger.

It is being recommended that warning sirens be installed in conjunction with new residential developments in the community and, in most cases, be paid for through contributions provided by developers, or paid for and installed directly by developers. However, based on the current situation, it is proposed that a warning siren be installed in the Apple Creek subdivision in FY22/23 at the City’s expense.

In-Car/Body Video Cameras

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 75,000	FY29/30	\$ 75,000



FY24/25 and FY29/30 Project Description

Technological advances have reached the point where in-car cameras are able to be synchronized with police body-worn cameras (BWCs). With the City’s support, the Police Department took advantage of a grant opportunity in FY18/19, when the in-car cameras were reaching their end-of-life expectancy. The City of Woodstock continues to lead the way in the region when it moved to the next generation of body-worn cameras that integrates with in-car cameras so that the entire system is one video, evidence-gathering product.

With the video equipment’s life expectancy being approximately five years, the next BWC/in-car video systems will need to be replaced in FY24/25; and then every five years after that.

The purpose of the video cameras is to lawfully record patrol activities of police officers and the community members they serve with the intended goals of: 1) Increased safety for the officers; 2) Increased convictions for criminal and traffic cases (e.g., DUI cases); and 3) Reduction in frivolous complaints against officers. Statistics have shown that by recording both the video and the audio portions of police officers’ interactions, the awareness of the police officers increases and the behavior by citizens improves. Additionally, video can capture evidence of recently committed, in-progress crimes, and help identify offenders. It also increases the conviction rate on serious traffic offenses when the video and audio recording of the incident can be used as evidence in court. With this video evidence, the officers’ testimony is supported, and the defendant, whose behavior and appearance has usually greatly improved, cannot provide any sort of convincing argument on how they were wrongly accused. Finally, the recording can provide evidence or defense in accusations where an individual claims they were physically or verbally mistreated by police officers.

The cost of this project includes all of the hardware necessary and the cost of installation on eleven (11) patrol vehicles for in-car cameras, as well as, forty (40) body-worn cameras for each sworn officer and the equipment necessary to download the videos captured on the in-car and body cameras to a retrievable data source.

HVAC Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 30,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 30,000
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 30,000	FY29/30	\$ 0



FY21/22, FY24/25, and FY27/28 Project Description

Rooftop HVAC units have a life expectancy of thirteen (13) to fifteen (15) years. The units that are in place at the department are currently eighteen (18) years old and are requiring additional repairs each year.

These units are a core element in order for the department to operate since they control the building’s interior environment. The units do have a maintenance program that is currently in place, and the systems are maintained by a sole source that has demonstrated some capability to maintain/repair specialized equipment for the former communications center (i.e. Liebert System).

Notwithstanding, a replacement schedule should be planned for by the City for this equipment prior to its total failure. The amount proposed for FY21/22, FY24/25, and FY27/28 includes the replacement of one (1) Liebert, one (1) Trane Model YSC060, and three (3) Trane Model YSC120 HVAC units. The total amount includes installation and all required connecting equipment to facilitate the replacement.

The Woodstock Police Department’s HVAC system remains separate from the General Administration replacement schedule in order to more easily and effectively track the use of capital expansion fees.

Fitness Equipment

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 32,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY21/22 Project Description

It benefits the officers of the Woodstock Police Department to remain in good physical shape. Not only does physical fitness improve the likelihood of succeeding in a physical encounter while on-duty, but one’s level of physical fitness also plays a part in the overall well-being of the individual by improving mental health, and, ultimately, positively affecting one’s long-term physical health. A healthy employee will perform better and remain more active for the duration of his or her career.

The current fitness equipment in the Police Department’s fitness room (other than the treadmill that was replaced in 2014 and a squat rack that was replaced in 2018) is original. Most of the equipment is aged and becoming unserviceable. The current multi-use station is obsolete in that much of it does not properly serve the needs of the individual to work the muscle groups that an officer would likely need during a physical encounter.

The identified replacement equipment was reviewed and selected by one of the Department’s Sergeants who is often looked to as an “area expert” in physical fitness. A modern, well-maintained used system would fit well within the Department. There are many modern systems that can help to keep the officers fit, but the system listed would provide for a well-rounded, police-oriented workout.

Former Dispatch Remodeling

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 35,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 Project Description

Ever since the state-mandated Dispatch consolidation, the Police Department has space within the facility to reconfigure some of its internal operations. Since the inception of the facility, the Records Division has worked in the same area with two clerks. Due to the ever-expanding expectations of Police Records Divisions (e.g. court notifications, subpoenas, FOIA requests, etc.), WPD currently has two full-time Records Clerks and three part-time Records Clerks who have sizeable workloads. All five personnel have been working in the relatively confined spaces within the current Records Division. As a quality of work-life aspect, the concept is to expand the Records Division into both the current Records Room and the former Dispatch Center.

Therefore, to update the operations of the Department, this request is to renovate and expand the work area of the Records Division Personnel into the space vacated by the Dispatch Center. In order to complete this project, yet maintain the efficiency of the division, renovation of the room will be required.

Bulletproof Vests

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 30,000	FY26/27	\$ 30,000
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY21/22 and FY26/27 Project Description

After the five-year life expectancy of a bulletproof vest, the manufacturer will no longer guarantee the vests' effectiveness due to the deterioration of the resistance material. Most police agencies have both an original issue and a replacement plan for bulletproof vests to ensure that every officer is properly protected against pistol and knife attacks.

There is significant benefit to the City by a reduction in liability when it ensures that each police officer is adequately protected against deadly force that could result in injury or death as the result of a gunshot or knife wounds. This project includes the replacement of all existing bulletproof vests for every sworn police officer. Bulletproof vests were issued to each of the sworn police officers in FY16/17. The average replacement period is every five years. Therefore, FY21/22 would be the next scheduled replacement for these vests followed by FY26/27. It is anticipated that grant funding would be available through the U.S. Department of Justice, which has historically been able to offset fifty percent (50%) or \$15,000 of the costs of these vests.

Security Surveillance for Square

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 80,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 Project Description

It is well-accepted that the Woodstock Square is the literal, and figurative, center of our community; its importance is acknowledged by all members of the Police Department. The Square frequently does exactly what it was intended to do; draw people to the center of town to gather peaceably as a society. However, on occasion, there are members of society that do not adhere to the norms by behaving contrary to City ordinances or State statutes.

Additionally, it is not reasonable or sustainable to have Woodstock Police Officers spend entire work shifts within the Square to ensure its tranquility. The officers on patrol need technological assistance in gathering and preserving potential video evidence of law-breaking citizens within the Square area.

The request is to equip the Square’s public areas with CCTV security surveillance cameras to ensure the region is adequately and equitably covered. It is estimated that to initiate this project, \$80,000 will be required. However, grant funding will complement the budgeted amount for this project.

Speed Trailer

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 20,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY22/23 Project Description

Neighborhood and local roadway speeding complaints are one of the most common citizen complaints that are received at the Police Department. Having a functioning speed trailer assists the Department in addressing the issue and giving the citizens a physical perception that the issue is under control. Currently, the Department’s speed trailer is now eighteen years old, and is no longer as efficient as it was in 2001. The Department has an interest in obtaining a cutting-edge speed trailer that will not just monitor speed, but also collect data for speed studies that will assess whether safety enhancement and speed enforcement programs are effective, as well as, determine if the City may need to address posted speed limits.

In-Car Computers

FY19/20 Budget		\$ 28,000	
FY19/20 Projected		\$ 28,000	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 40,000	FY29/30	\$ 50,000



FY19/20 Status Update

The in-car computer has become an integral and essential piece of equipment for today’s police officer. The computers provide for immediate notification of calls for service, suspect/crime information, and other police-related information. This equipment has proven to increase the efficiency and effectiveness of the Records, Communications (NERCOM), and Patrol Divisions. In-car computers have increased the potential for identifying stolen property and wanted persons, and have added a degree of safety to officers responding to calls and traffic stops by having pertinent information immediately available. These computers also allow the Woodstock Police Department to utilize the McHenry County Emergency 911 Board’s Record Management System and in-car ticket-writing system that communicate with both the McHenry County Court System, as well as, the Woodstock Police Department’s record systems; thereby, minimizing record-keeping redundancy and allowing for a paperless record-keeping system.

As budgeted, the fleet’s computers were replaced during FY19/20, and are being utilized at this very moment.

FY24/25 and FY29/30 Project Description

The technological-expectancy of the in-car computers is approximately five years. Therefore, it is only prudent to forecast a required replacement plan for FY24/25 and then again in FY29/30.

Light Bars and Up-Fit of Squad Cars

FY19/20 Budget		\$ 10,000	
FY19/20 Projected		\$ 21,000	
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FY20/21	\$ 21,000	FY25/26	\$ 0
FY21/22	\$ 14,000	FY26/27	\$ 0
FY22/23	\$ 14,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

This expenditure is to cover for all of the extraneous equipment and associated costs to up-fit the department’s squad cars. Historically, much of the work associated with the up-fit of squad cars has been able to be completed utilizing the City’s mechanics. However, due to workloads and manpower issues, much of the work was completed by a civilian vendor.

Currently, all of the department’s squad cars have been equipped and are available for service.

FY20/21, FY21/22, and FY22/23 Project Description

For the next three years (FY20/21, FY21/22, and FY22/23), the department will be experiencing an evolution of squad car type by moving from the sedan to the SUV model. Ford Motor Company has announced that they will cease making the sedan police vehicle. After researching and conducting an analysis of what type of vehicle will best serve the City and its officers, the Ford police SUV was chosen. With this choice, some new equipment and some retrofitted equipment (e.g., light bars, prisoner partitions, computer mounts, etc.) will need to be installed before the squad car can be deployed. Additionally, it is expected that the new SUVs will be up-fitted by a civilian vendor to ensure quality control remains at a satisfactory level.

The amounts proposed for FY20/21, FY21/22, and FY22/23 includes all of the necessary equipment and the associated costs to up-fit the police vehicles.

Live Scan Fingerprint Machine

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 22,000	FY28/29	\$ 22,000
FY24/25	\$ 0	FY29/30	\$ 0



FY23/24 and FY28/29 Project Description

The current Live Scan fingerprint machine is only a few years old, but this project is to plan for its eventual obsolescence. The system is computer-driven, and is expected to be in need of replacement by 2023. The Live Scan fingerprint machine is a requirement for the department to operate as the State of Illinois requires electronic submissions that include a photograph along with the fingerprint submittals.

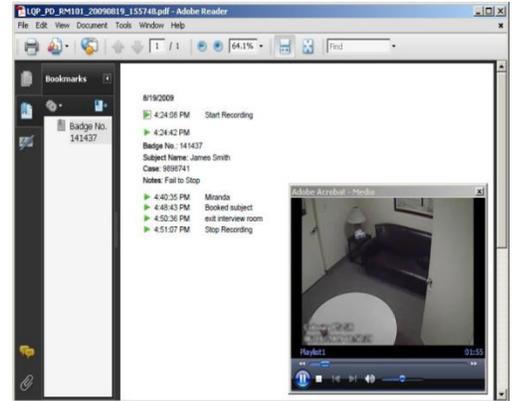
Replacement of this machine will also allow the Police Department to provide opportunities such as submittal of fingerprints and photos for concealed carry permits, Big Brother/Big Sister program, and other fingerprint requirements of interest to the community; the Police Department currently charges a nominal fee for this service to help offset personnel and equipment costs.

The amount proposed for FY23/24 includes one (1) complete Live Scan system including installation and all required connecting equipment with anticipated replacement in five years.

The Woodstock Police Department Live Scan system remains separate from the General Administration replacement schedule in order to more easily and effectively track the use of capital expansion fees.

Recording System - Investigations

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 20,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 Project Description

The purpose of this project is to replace the aged unit that is currently in the Investigations Division. Capturing video/audio interviews in certain investigations is not only good practice, but also legally mandated for certain suspected crimes. The recording apparatus currently in place is cobbled from several electronic devices dating from the late '90s which require several non-intuitive steps to obtain the recording. The goal of this project is to modernize and simplify the system so that human error can be eliminated in capturing vital interview evidence.

The funding requested above will cover the implementation of this project in FY20/21.

Automatic License Plate Reader

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 60,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY22/23 Project Description

It is incumbent upon City staff to continue to research methods and find equipment that allows City services to improve efficiency and effectiveness while still maintaining costs. The purpose of this project is to implement a stationary and mobile automatic license plate reader (ALPR) program within Woodstock. The goal of the program is to integrate the cameras with law enforcement databases that will provide real-time information to officers on the street with who is transiting the City of Woodstock. ALPR information will link directly to state and federal databases, which can identify potential sex offenders, persons of (criminal) interest, persons wanted on warrant(s), persons with suspended driving privileges, and stolen vehicles. An additional benefit would be to gather intelligence and assist investigations on potential human trafficking, movements of illegal drugs, and collecting evidence of other crimes while utilizing vehicles (e.g., hit-and-run crashes, fleeing crime scenes, etc.). Lastly, the mobile ALPR solution cannot only be used for traffic/crime enforcement, but also can be used to increase the efficiency in parking enforcement.

The amount proposed for FY22/23 includes the required funding to implement an initial phase of this project with one mobile solution and one stationary solution.

Canine Unit

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 25,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY23/24 Project Description

Police canine units are one of the most valuable detection assets available to the police. The Woodstock Police Department has had three canines in its history (i.e., Brinx, Jax, and Blue); all three had different personalities, but all three were dedicated crime fighters.

The expected career span of a working police canine is about six to eight years. K-9 Blue began his career with WPD in late 2015, and will be expected to retire in the next couple of years. Additionally, part of K-9 Blue’s initial and on-going in-service, training has been the detection of cannabis. However, with the imminent change in Illinois cannabis statutes, and a police K-9’s inability to “unlearn” how he was trained to react to unlawful substances, the usefulness of police K-9s is being debated. Many new police canines will likely not be trained in the detection of cannabis.

The amount proposed for FY23/24 includes all the required funding to deploy a police K-9 unit.

Patrol Rifles

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 10,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 10,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 and FY22/23 Project Description

The current inventory of Patrol Rifles is approaching their fifteenth year of service with Woodstock PD. The current range masters have done a phenomenal job at maintaining the rifles, but they are becoming aged with the deployment in Patrol vehicles and for live-fire training exercises at the range.

This two-phased project would fund the necessary equipment to secure the storage and replacement of the rifles in the Department’s inventory through a system of “replacement by priority.”



General Corporate Parks

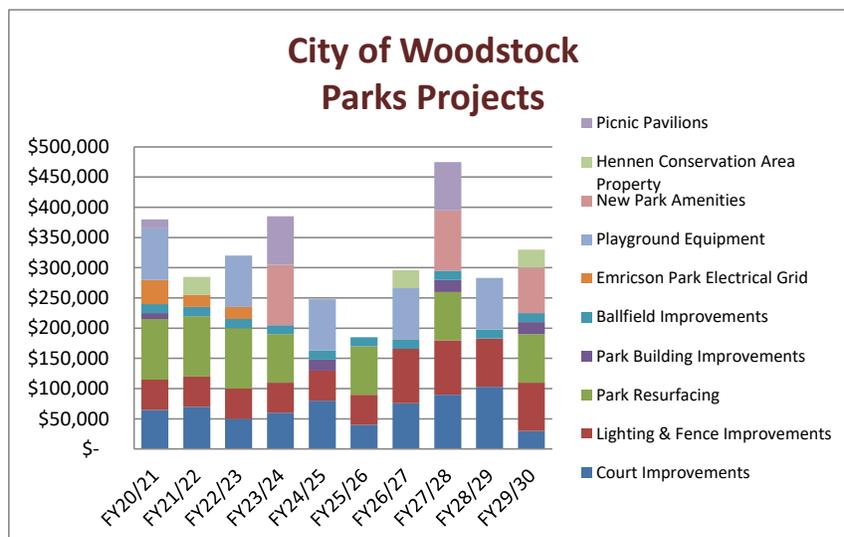
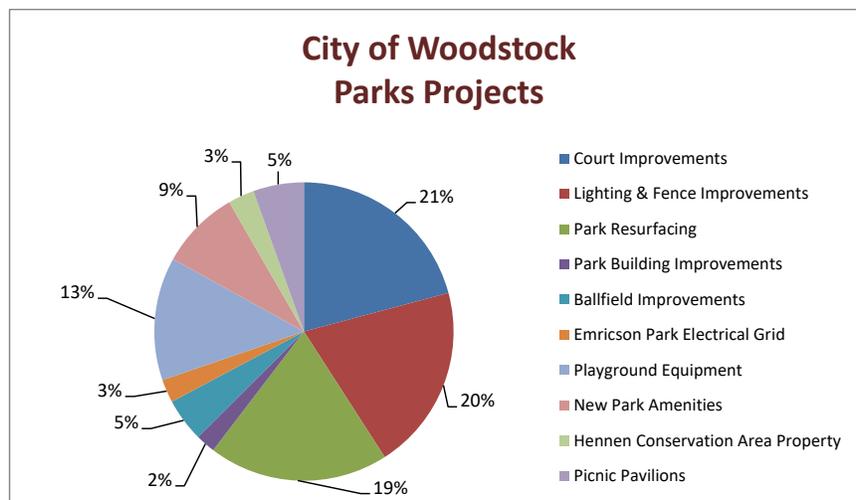
**CIP Document
FY20/21-FY29/30**

General Corporate – CIP - Parks

OVERVIEW

One of the City’s most popular assets is its comprehensive system of parks and their various user amenities that contribute to the outstanding quality of life enjoyed by the residents of the community. During the past decade the City was able to develop a number of new parks and park amenities due, in large part, to the growth in the housing market and Park Development Fees that were collected as a result. Unfortunately, with the decline in new housing and associated park fees, the City had to temporarily delay necessary park projects as well as defer new facility development.

As illustrated in the graphs presented below, Court improvements, Lighting & Fence improvements, Park Resurfacing, and Playground Equipment encompass 74% of all parks spending over the ten-year period. These projects improve parks network infrastructure and amenities for the City’s extensive parks system.



General Corporate – CIP –Parks – Funded Projects

General Corporate - CIP Fund Parks	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Parks													
Court Improvements	\$ 65,000	\$ -	\$ 65,000	\$ 70,000	\$ 50,000	\$ 60,000	\$ 80,000	\$ 40,000	\$ 76,000	\$ 90,000	\$ 103,000	\$ 30,000	\$ 664,000
Lighting & Fence Improvements	50,000	45,900	50,000	50,000	50,000	50,000	50,000	50,000	90,000	90,000	80,000	80,000	640,000
Park Resurfacing	100,000	100,000	100,000	100,000	100,000	80,000	-	80,000	-	80,000	-	80,000	620,000
Park Building Improvements	90,000	90,000	10,000	-	-	-	18,000	-	-	20,000	-	20,000	68,000
Ballfield Improvements	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Emricson Park Electrical Grid	20,000	5,000	40,000	20,000	20,000	-	-	-	-	-	-	-	80,000
Playground Equipment	75,000	82,700	85,000	-	85,000	-	85,000	-	85,000	-	85,000	-	425,000
New Park Amenities	-	-	-	-	-	100,000	-	-	-	100,000	-	75,000	275,000
Hennen Conservation Area Property	-	-	-	30,000	-	-	-	-	30,000	-	-	30,000	90,000
Picnic Pavilions	-	-	15,000	-	-	80,000	-	-	-	80,000	-	-	175,000
Park Land Acquisition	27,000	25,600	-	-	-	-	-	-	-	-	-	-	-
Total Parks	\$ 442,000	\$ 364,200	\$ 380,000	\$ 285,000	\$ 320,000	\$ 385,000	\$ 248,000	\$ 185,000	\$ 296,000	\$ 475,000	\$ 283,000	\$ 330,000	\$ 3,187,000

Court Improvements

FY19/20 Budget		\$ 65,000	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 65,000	FY25/26	\$ 40,000
FY21/22	\$ 70,000	FY26/27	\$ 76,000
FY22/23	\$ 50,000	FY27/28	\$ 90,000
FY23/24	\$ 60,000	FY28/29	\$ 103,000
FY24/25	\$ 80,000	FY29/30	\$ 30,000



FY19/20 Status Update

In FY19/20 funds were approved to recondition the surface on two (2) City owned tennis courts at Olson Park. Because of weather, workload, and the fact that key positions within Public Works were vacant, this project will go out in the spring of 2020 with bids due in April. No funds will be expended in FY19/20.

FY20/21 Project Description

The City’s park system contains a total of nine (9) basketball and nine (9) tennis courts. These courts are made of asphalt and over time, the asphalt has cracked and spalled as it is exposed to outside seasonal weather conditions. Even though these cracks and depressions have been filled and a new reconditioned surface has been applied, the movements in the ground and the freeze thaw cycles cause it to crack often leaving a sharp edge and/or a path for water to seep and create more damage. Funds in FY20/21 are requested to remove the two (2) asphalt tennis courts at Olson Park and replace them with a new thicker cross section on top of a paving fabric, which minimizes water penetration and adds to the life and stability of the base and sub-base. A painted surface will be applied once the single asphalt pad is constructed.

FY21/22 Project Description

Funds are requested to remove one (1) asphalt tennis court and one (1) basketball court at Prairie Ridge Park.

FY22/23 Project Description

Funds are requested to remove the two (2) asphalt basketball courts at Emricson Park.

General Corporate – CIP –Parks – Funded Projects

FY23/24 Project Description

Funds are requested to remove two (2) asphalt basketball courts; one (1) at Banford Road Park and one (1) at Mary Anne Street Park. The Mary Anne Street Park currently has a full basketball court with one net. The court will be replaced with a half-court, and the remaining area will be graded and seeded for use as open play.

FY24/25 Project Description

Funds are requested to remove two (2) basketball courts at Bates Park.

FY25/26 Project Description

Funds are requested to remove one (1) basketball court at Olson Park.

FY26/27 Project Description

Funds are requested to remove one (1) asphalt tennis court and one (1) basketball court at McConnell Road Park. Funds are also requested in FY26/27 to complete warranty maintenance on the surface of two (2) tennis courts at Olson Park.

FY27/28 Project Description

Funds are requested to remove two (2) asphalt tennis courts at Emericson Park. Funds are also requested in FY27/28 to complete warranty maintenance on the surface of one (1) tennis court and one (1) basketball court at Prairie Ridge Park.

FY28/29 Project Description

Funds are requested to remove three (3) asphalt tennis courts at Emericson Park. Funds are also requested in FY28/29 to complete warranty maintenance on the surface of two (2) basketball courts at Emericson Park.

FY29/30 Project Description

Funds in FY29/30 are requested to complete warranty maintenance on the surface of two (2) basketball courts at Bates Park.

Lighting & Fence Improvements

FY19/20 Budget		\$ 50,000	
FY19/20 Projected		\$ 45,900	
FY20/21	\$ 50,000	FY25/26	\$ 50,000
FY21/22	\$ 50,000	FY26/27	\$ 90,000
FY22/23	\$ 50,000	FY27/28	\$ 90,000
FY23/24	\$ 50,000	FY28/29	\$ 80,000
FY24/25	\$ 50,000	FY29/30	\$ 80,000



FY19/20 Status Update

Funds requested in FY19/20 were used to complete fence replacements for the outfields on Dream Field, Field B, and Field C in Emricson Park. The work has been completed.

FY20/21 Project Description

During FY19/20 one of the MUSCO Field lights at Bates Park exploded. The explosion carried electrical current back to the control panel and caused failure to an electrical component in that panel. The failure has been traced to a solenoid that was meant to be dry, but over time MUSCO is converting these to oiled components. It is recommended that funds be appropriated to get the remaining dry-type solenoids upgraded to an oiled type.

FY21/22 Project Description

Funds requested in FY21/22 will be used to complete fence replacement on the Dream Field in Emricson Park.

FY22/23 Project Description

Funds requested in FY22/23 will be used to complete fence replacement on Field B at Emricson Park and Field #4 at Bates Park.

FY23/24 Project Description

Funds requested in FY23/24 will be used to complete fence replacement on Field #6 at Bates Park.

General Corporate – CIP –Parks – Funded Projects

FY24/25 Project Description

Funds requested in FY24/25 will be used to replace the fence on Field C at Emricson Park. The outfield fence was replaced in 2019.

FY25/26 Project Description

Funds requested in FY25/26 will be used to replace the remainder of the fence on Field 2 at Bates Park.

FY26/27 Project Description

Funds requested in FY26/27 will be used to replace the remainder of the fence on Field 3 at Bates Park.

FY27/28 Project Description

Funds requested in FY27/28 will be used to upgrade existing field lighting or install new lighting on existing fields at Bates Park and/or Merryman Fields Park.

FY28/29 Project Description

Funds requested in FY28/29 will be used to upgrade existing field lighting or install new lighting on existing fields at Bates Park and/or Merryman Fields Park.

FY29/30 Project Description

Funds requested in FY29/30 will be used to upgrade existing field lighting or install new lighting on existing fields at Bates Park and/or Merryman Fields Park.

Park Resurfacing

FY19/20 Budget		\$ 100,000	
FY19/20 Projected		\$ 100,000	
FY20/21	\$ 100,000	FY25/26	\$ 80,000
FY21/22	\$ 100,000	FY26/27	\$ 0
FY22/23	\$ 100,000	FY27/28	\$ 80,000
FY23/24	\$ 80,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 80,000



FY19/20 Status Update

In FY19/20 the City opened bids to resurface the Ryders Woods Parking Lot off Kimball Avenue. The parking lot is in a failed condition and the base material along with the remaining asphalt will be ground up, modified, and be reused as the new road bed. This work was not completed in calendar year 2019 and it is hopeful that it can be completed by April 30, 2020, but that will be dependent upon a favorable early spring weather.

FY20/21 Project Description

Funds requested in FY20/21 will be used to resurface existing paved areas in Emricson Park that are in a failed condition. Other work within this line item could include crack sealing, Reclamite, or other pavement preservation techniques.

FY21/22 – FY22/23 Project Description

Funds requested in these two fiscal years will be used to resurface other existing paved areas within Emricson Park. Work within this line item could also include crack sealing, Reclamite, or other pavement preservation techniques.

FY23/24 Project Description

Funds requested in FY23/24 will be used to skip patch areas within the parking lots at Bates Park. Work within this line item could also include crack sealing, Reclamite, or other pavement preservation techniques.

FY25/26 Project Description

Funds requested in FY25/26 will be used to skip patch existing paved areas within Merryman Fields Park. Work within this line item could also include crack sealing, Reclamite, or other pavement preservation techniques.

FY27/28 Project Description

Funds requested in FY27/28 will be used to skip patch existing paved areas within any of the following parks as needed: Banford Road Park, Raintree Park, or Tourist Park. Work within this line item could also include crack sealing, Reclamite, or other pavement preservation techniques.

FY29/30 Project Description

Funds requested in FY29/30 will be used to skip patch existing paved areas within Merryman Fields Park. Work within this line item could also include crack sealing, Reclamite, or other pavement preservation techniques.

Park Building Improvements

FY19/20 Budget		\$ 90,000	
FY19/20 Projected		\$ 90,000	
FY20/21	\$ 10,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 20,000
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 18,000	FY29/30	\$ 20,000



FY19/20 Status Update

This request covers the cost for building maintenance and improvements to facilities located in Emericson Park, Bates Park, Merryman Fields Park, and the Davis Road Park. Typical purchases could include contracted services for paint, roofing, window, door, heating, lighting, electrical or other general interior or exterior repairs and/or additions. In FY19/20 funds were requested to pay for the demolition of the existing maintenance building at Emericson Park that is used to house Parks Division maintenance equipment and supplies. Emericson Park is the City’s premier park site supported by a large number of user groups and it is the home for the Woodstock Water Works Facility. The existing masonry building has outlived its useful life and funds to repair it would surpass its current value. Funds will pay for the demolition of the existing facility, construction of a new pole barn style building and the re-installation of utilities.

FY20/21 Project Description

Funds in FY20/21 are requested for pavilion maintenance and building improvements at Bates Park. Funds will be spent to upgrade doors, paint trim, and make improvements to the public restrooms.

FY24/25 Project Description

Funds in FY24/25 are requested for building improvements at the Merryman Park shop. By 2024, the roof on the maintenance building will be 17 years old. Funds will pay for the removal and replacement of existing roof shingles.

General Corporate – CIP –Parks – Funded Projects

FY27/28 Project Description

Funds in FY27/28 are requested for building improvements at the Davis Road Maintenance Building. The building, which was designed as “cold storage,” was erected in 2006. At the time that this maintenance is initiated, the building will be 21 years old. Funds will be used to replace the roof on this building.

FY29/30 Project Description

Funds in FY29/30 are requested for building improvements at Merryman Fields Park. It is likely that doors, lighting, soffit and/ or fascia that were installed 23 years prior will need to be improved/replaced.

Ballfield Improvements

FY19/20 Budget		\$ 15,000	
FY19/20 Projected		\$ 15,000	
FY20/21	\$ 15,000	FY25/26	\$ 15,000
FY21/22	\$ 15,000	FY26/27	\$ 15,000
FY22/23	\$ 15,000	FY27/28	\$ 15,000
FY23/24	\$ 15,000	FY28/29	\$ 15,000
FY24/25	\$ 15,000	FY29/30	\$ 15,000



FY19/20 Status Update

Funds in FY19/20 were used to improve playability on City-owned fields based upon experiences from those doing the maintenance or the user groups. This fiscal year, Parks Division employees completed improvements to Fields 1 thru 7 at Merryman Park and Fields 3 and 4 at Bates Park. Activity included, but was not limited to, the addition of ballfield mix, installation of new sod, the removal of lips along the base paths, and improved field drainage

FY20/21 Project Description

Each year the City schedules multiple user groups on our baseball and softball fields from the middle of March until November. On any given day during the season, City fields could be used by more than one user group, especially when you consider tournament schedules. Given the amount of usage, the fields are maintained extremely well. The City encourages everyone to use its fields. Based on the overwhelming demand for fields, it is extremely difficult to perform long-term maintenance to them other than daily maintenance. Tasks like pitchers mounds, home plates, base paths, outfield to infield transitions, and the infield grass all show signs of wear and tear. In FY20/21 funds are requested to complete improvements to Field #5 at Bates Park.

General Corporate – CIP –Parks – Funded Projects

FY21/22 Project Description

In FY21/22 funds are requested to complete improvements to Field #2 at Bates Park.

FY22/23 Project Description

In FY22/23 funds are requested to complete specific improvements to all the fields at Bates Park.

FY23/24 Project Description

In FY23/24 funds are requested to complete improvements to the single field at Prairie Ridge Drive Park.

FY24/25 Project Description

In FY24/25 funds are requested to complete improvements to the field at Olson Park.

FY25/26 Project Description

In FY25/26 funds are requested to complete improvements to Fields #1 thru #5 at Merryman Fields Park.

FY26/27 Project Description

In FY26/27 funds are requested to complete improvements to Field A at Emricson Park.

FY27/28 Project Description

In FY27/28 funds are requested to complete improvements to Field B at Emricson Park.

FY28/29 Project Description

In FY28/29 funds are requested to complete improvements to fields #6 and #7 at Merryman Fields Park.

FY29/30 Project Description

In FY29/30 funds are requested to complete general improvements to all fields as needed and identified.

Emricson Park Electrical Grid

FY19/20 Budget		\$ 20,000	
FY19/20 Projected		\$ 5,000	
FY20/21	\$ 40,000	FY25/26	\$ 0
FY21/22	\$ 20,000	FY26/27	\$ 0
FY22/23	\$ 20,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

In FY19/20 funds were used to replace cross arms on some existing poles providing electrical service for lights at the tennis courts and a few of the ballfields at Emricson Park. Another section of overhead wires was knocked down from branches falling off oak trees, which the wire runs through. This situation occurs every couple years. In order to reset the wires, a rotted pole had to be replaced. At this time all electrical service lines have been restored.

FY20/21 Project Description

Funds requested in FY20/21 will provide an underground electrical service from the pad-mounted transformer near the backstop on Field A to the park shop. This service shall include labor and material to install wire and conduit. This activity would eliminate a section of overhead wiring running between the Main Pavilion and the Park Shop. This portion of overhead wiring will be removed as part of this project.

FY21/22 Project Description

Funds are requested to bury an electrical line within Emricson Park to feed the Main Pavilion. The electrical service to this facility is currently overhead. The new service is proposed to be buried and it will originate from the pad-mounted transformer near the backstop on Field A. The wiring will be upsized so that this service can be tapped in the future and extended to the main bathrooms. The section of overhead wires from the main bathrooms to the pavilion will be removed once the buried lines are installed.

General Corporate – CIP –Parks – Funded Projects

FY22/23 Project Description

Funds are requested to bury an electrical line within Emricson Park to feed the Main Bathrooms. The electrical service to this facility is currently overhead. The new service is proposed to be buried and it will originate from the Main Pavilion and run to the Main bathrooms. The section of overhead wires from the South Street entrance to the main bathrooms will be removed once the buried lines are installed. This activity completes the final stage of construction for electrical upgrades in Emricson Park.

Playground Equipment Replacement

FY19/20 Budget		\$ 75,000	
FY19/20 Projected		\$ 82,700	
FY20/21	\$ 85,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 85,000
FY22/23	\$ 85,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 85,000
FY24/25	\$ 85,000	FY29/30	\$ 0



FY19/20 Status Update

In FY19/20 the City had scheduled the replacement of the playground equipment at Tara Drive Park. The average life of a play structure is 14-16 years and the Tara Drive equipment was nearing 23 years of service. New play structures were selected with a goal of providing new and different options for children; not based upon low bid. At the time of budget preparation, Parks Division employees had planned to complete the installation of equipment; however, the City paid a contractor to perform this work with City staff serving to clear the old equipment and preparing the site for new equipment installation.

FY20/21 Project Description

Having been installed in 2000, tot lot equipment at Emricson Park is scheduled for evaluation and replacement.

FY22/23 Project Description

Having been installed in 2000, equipment at the Banford Road Park is scheduled for evaluation and replacement.

FY24/25 Project Description

General Corporate – CIP –Parks – Funded Projects

Having been installed in 2001, equipment at the free-standing playground at Emricson Park is scheduled for evaluation and replacement.

FY26/27 Project Description

Having been installed in 2002, equipment at Prairie Ridge Park is scheduled for evaluation and replacement.

FY28/29 Project Description

Having been installed in 2004, equipment at Sunnyside Park is scheduled for evaluation and replacement.

New Park Amenities

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 100,000
FY23/24	\$ 100,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 75,000



FY23/24 Project Description

Manke Lane Park (Sweetwater) Amenities: Located south of Ware Road and west of Raffel Road in the Sweetwater subdivision. The subdivision includes a 2.98 acre parcel, which was dedicated to the City to be used as a neighborhood park. The park site currently has an open play area, which is being mowed by the Parks Division, along with a tot lot and juvenile play structures. There are a significant number of new families in the Sweetwater subdivision looking for access to a neighborhood park within walking distance of their home. The playground equipment was purchased and installed in 2011, and now funds are requested to continue with the park development, which could include a tennis court and/or basketball court, pavilion, drinking fountain, benches, trees and landscaping.

FY27/28 Project Description

Haydn Street Park (Sonatas) Amenities: Located in Sonatas subdivision, this park is on the north side of Woodstock near the intersections of Ware Road and Raffel Road. This development includes 7.04 acres of property, which was dedicated to the City with the intent to be used as a neighborhood park. Directly east of this subdivision is Merryman Fields Park, which offers a multitude of recreational opportunities for residents within the Sonatas subdivision. During 2011, Parks Division employees installed tot lot and juvenile playground structures for the area residents. In 2013 a pavilion and walking path was installed within the park. Funds are requested in FY27/28 to continue with the park development.

FY29/30 Project Description

Money has been allocated for new park features in FY29/30. The type of features and park location will be determined in a future year.

Hennen Conservation Area Property

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 30,000	FY26/27	\$ 30,000
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 30,000



FY21/22 Project Description

House & Garage Maintenance (\$30,000): In FY21/22 the farm house and attached garage on the property will be ready for a roof replacement. Remaining funds will be used to complete other repairs as needed. Examples might include the replacement of windows, doors and/ or siding,

FY26/27 Project Description

Funds are requested to construct a permeable parking lot on the property. The Hennen property was a single family residence and the site includes paved access drives to each building; however, there is no real parking area for the public if they visit the property. This request includes work by City staff to core out and prepare a

General Corporate – CIP –Parks – Funded Projects

base for a contractor to lay paver bricks or some sort of porous pavement over the top, suitable for use by park patrons visiting the site.

FY29/30 Project Description

Barn and property improvements: The property includes an open sided barn south of the farmhouse. It has always been a plan for recreation to operate some educational programs out of this barn. In order for that to progress, it is likely that a concrete floor will need to be poured, doors will need to be installed, lighting and electric improved, roof replaced, etc. It is a low cost structure, but it could be a beneficial amenity for this property.

Picnic Pavilions

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 15,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 80,000
FY23/24	\$ 80,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY20/21 Project Description

Picnic pavilions are one important part of the overall quality of the park facilities provided for our residents. They are used by a wide variety of organizations, family groups, and individuals, and provide an opportunity for users to plan and hold all types of gatherings. With five pavilions available, there are approximately 250-270 picnic shelter reservations received by the City each year involving thousands of participants.

Maintenance of Park Pavilions (\$15,000): Funding is requested to purchase shingles, paint and lumber for normal upkeep and maintenance of pavilions and shelters throughout the park system.

FY23/24 Project Description

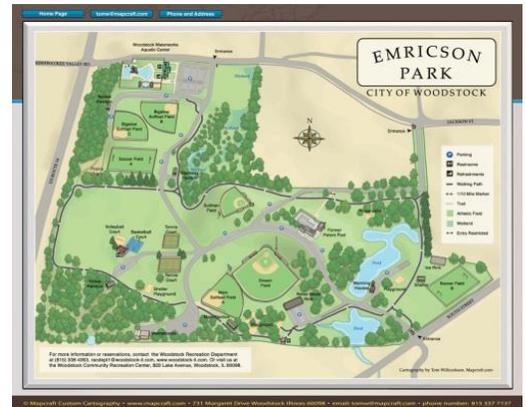
New Park Pavilion (\$80,000): It is recommended that a new pavilion be constructed at Merryman Fields Park, the Davis Road Soccer Fields, or in the Castle Road Park, where the Woodstock Community GREENS has been constructed.

FY27/28 Project Description

New Park Pavilion in Emericson Park (\$80,000): A number of years ago, a pavilion near the South Street Soccer Field at Emericson Park was demolished because it had outlived its useful life and became hazardous. Funds are requested to construct a new pavilion on the existing concrete slab (assuming that the slab is still in good condition at the time of construction) in calendar year 2027.

Emricson Park Land Expansion

FY19/20 Budget		\$ 27,000	
FY19/20 Projected		\$ 25,600	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

A parcel of vacant land just west of the South Street entrance to Emericson Park became available for purchase in 2019. The parcel had been marketed as suitable for single-family residential development. The City felt that the construction of a home at this close juncture to the park entrance would compromise the integrity of the highly-used park entrance. In March 2019, the City Council authorized a purchase offer on this 0.75 acre parcel contingent on receiving grant fund assistance. The grant funding application was denied; however, the City decided to move forward on the property purchase to enhance the park site.

While the Openlands application was not successful, additional funding was received through a Placemaking Award from the National Association of Realtors offered by the local branch of Heartland Realtors. The award of \$3,800 will pay for plantings to create an in-town conservation area to include a pollinator meadow. The Land Conservancy and employee volunteers from Heartland Realtors plan to help create the garden, a small sitting area for viewers, benches and signage.



General Corporate Motor Pool

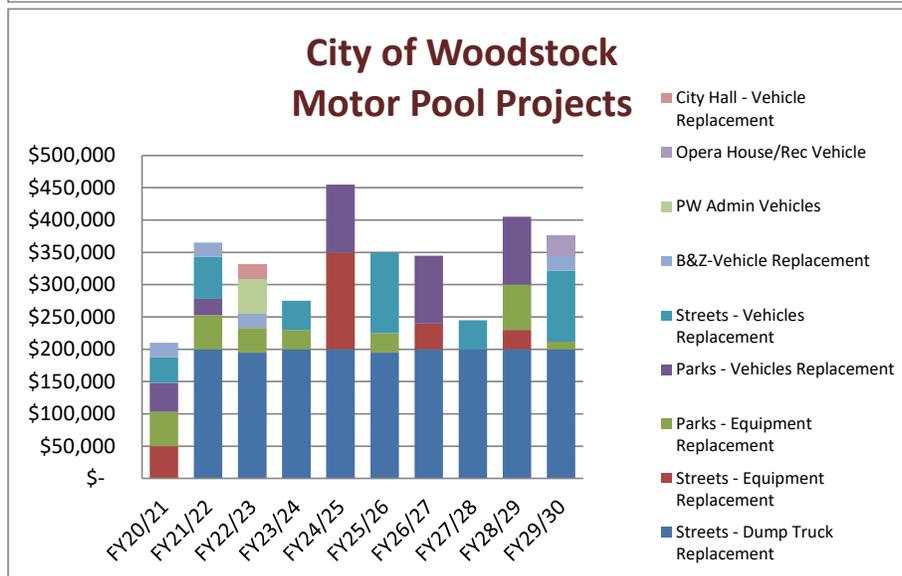
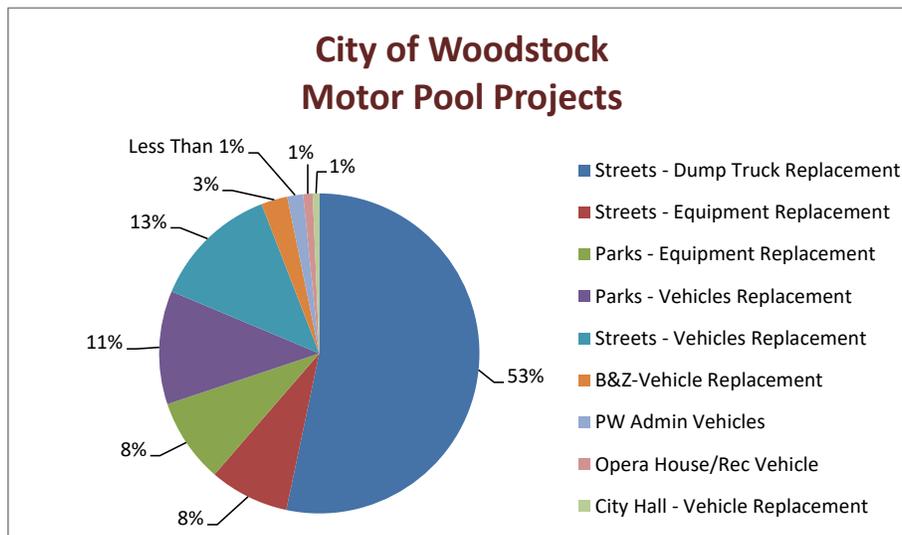
**CIP Document
FY20/21-FY29/30**

General Corporate – CIP – Motor Pool

OVERVIEW

As the City continues to expand, municipal vehicles and equipment are required to maintain the City’s existing and new network of park land, roads, and utilities. Therefore, the Motor Pool category of the General Corporate Fund - CIP continues to grow incrementally over the years. Similar to the items funded through the General Administration category, it is sometimes difficult to identify the public benefit of expenditures in the Motor Pool category. However, without the proper equipment and rolling stock, City crews would be unable to mow and maintain the expanding system of parks and athletic fields, plow streets and/or maintain the storm sewer collection system.

As illustrated in the graphs presented below, Streets – Dump Truck Replacement will encompass 53% of the total recommended spending within the Motor Pool category over a ten-year period. These projects, for the most part, replace existing vehicles and equipment at the end of its useful life.



General Corporate – CIP – Motor Pool

General Corporate - CIP Fund Motor Pool	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Motor Pool													
Streets - Dump Truck Replacement	\$ 190,000	\$ 188,800	\$ -	\$ 200,000	\$ 195,000	\$ 200,000	\$ 200,000	\$ 195,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,790,000
Streets - Equipment Replacement	-	-	50,000	-	-	-	150,000	-	40,000	-	30,000	-	270,000
Parks - Equipment Replacement	30,000	29,200	53,000	53,000	38,000	30,000	-	30,000	-	-	70,000	12,000	286,000
Parks - Vehicles Replacement	70,000	64,100	45,000	25,000	-	-	105,000	-	105,000	-	105,000	-	385,000
Streets - Vehicles Replacement	105,000	93,300	40,000	65,000	-	45,000	-	125,000	-	45,000	-	110,000	430,000
Fleet - Vehicle Replacement	55,000	59,100	-	-	-	-	-	-	-	-	-	-	-
B&Z-Vehicle Replacement	22,000	21,900	22,000	22,000	22,000	-	-	-	-	-	-	23,000	89,000
PW Admin Vehicles	-	-	-	-	54,000	-	-	-	-	-	-	-	54,000
Opera House/Rec Vehicle	-	-	-	-	-	-	-	-	-	-	-	32,000	32,000
City Hall - Vehicle Replacement	-	-	-	-	22,000	-	-	-	-	-	-	-	22,000
Total Motor Pool	\$ 472,000	\$ 456,400	\$ 210,000	\$ 365,000	\$ 331,000	\$ 275,000	\$ 455,000	\$ 350,000	\$ 345,000	\$ 245,000	\$ 405,000	\$ 377,000	\$ 3,358,000

Streets – Dump Truck Replacement

FY19/20 Budget		\$ 190,000	
FY19/20 Projected		\$ 188,800	
FY20/21	\$ 0	FY25/26	\$ 195,000
FY21/22	\$ 200,000	FY26/27	\$ 200,000
FY22/23	\$ 195,000	FY27/28	\$ 200,000
FY23/24	\$ 200,000	FY28/29	\$ 200,000
FY24/25	\$ 200,000	FY29/30	\$ 200,000



FY19/20 Status Update

In FY19/20 the City purchased a new dump truck through a Sourcwell contract involving Bonnell Industries, Dixon, IL. This truck replaced truck #7, a 2006 International 7400 series dump truck, which provided service to the City for more than 14 years. These vehicles assist in the completion of large-scale tasks such as; road shouldering, asphalt paving, leaf collection tow-vehicles, right of way restoration, and material hauling. Snow removal relies heavily on these vehicles, and as such, they need to be in a reliable and ready state.

FY21/22 Project Information

Replacement of Truck #23 (\$200,000): Truck #23, is a 2006 International 7400 CDL dump truck with a wing plow upfit that will be fifteen years old at time of replacement.

FY22/23 Project Information

Replacement of Truck #15 (\$195,000): Truck #15 is a 2006 International 7400 with standard CDL dump upfit that will be fifteen years old at the time of replacement.

FY23/24 Project Information

Replacement of Truck #17 (\$200,000): Truck #17 is a 2007 v-box unit with anti-ice controls. This unit will be sixteen years old at the time of replacement.

FY24/25 Project Information

Replacement of Truck #24 (\$200,000): Truck #24 is a 2007 v-box unit with anti-ice controls. This unit will be seventeen years old at the time of replacement.

FY25/26 Project Information

Replacement of Truck #19 (\$195,000): Truck #19 is a 2010 International with standard CDL dump upfit that will be fifteen years old at time of replacement.

Funded Projects

FY26/27 Project Information

Replacement of Truck #26 (\$200,000): Truck #26 is a 2011 International with a wing-plow and CDL dump upfit that will be fifteen years old at time of replacement.

FY27/28 Project Information

Replacement of Truck #10 (\$200,000): Truck #10 is a 2014 International with standard CDL dump upfit that will be fifteen years old at time of replacement.

FY28/29 Project Information

Replacement of Truck #8 (\$200,000): Truck #8 is a 2016 International with standard CDL dump upfit that will be twelve years old at time of replacement.

FY29/30 Project Information

Replacement of Truck #128 (\$200,000): Truck #128 is a 2018 Peterbilt with standard CDL dump upfit that will be eleven years old at time of replacement.

Streets – Equipment Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 50,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 40,000
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 30,000
FY24/25	\$ 150,000	FY29/30	\$ 0



FY20/21 Project Information

Replacement of Equipment #108 (\$50,000): #108 is a 2006 model year Volvo MC90 skid steer. It will be 15 years old at time of replacement.

FY24/25 Project Information

Replacement of Equipment #115 (\$150,000): #115 is a 2010 model year John Deere 324K large wheel articulating loader. It will be 14 years old at the time of replacement.

FY26/27 Project Information

Replacement of Equipment #184 (\$40,000): #184 is a 2007 model year John Deere 5225 tractor. It will be 20 years old at time of replacement.

Funded Projects

FY28/29 Project Information

Replacement of Equipment #154 (\$30,000): #154 is a 1999 model year John Deere 4500. It will be thirty years old at time of replacement.

Parks – Equipment Replacement

FY19/20 Budget		\$ 30,000	
FY19/20 Projected		\$ 29,200	
FY20/21	\$ 53,000	FY25/26	\$ 30,000
FY21/22	\$ 53,000	FY26/27	\$ 0
FY22/23	\$ 38,000	FY27/28	\$ 0
FY23/24	\$ 30,000	FY28/29	\$ 70,000
FY24/25	\$ 0	FY29/30	\$ 12,000



FY19/20 Status Update

The Parks Division purchased two new zero turn mowers in FY19/20 to replace a 2004 model and a 2007 model year unit. The Parks Division Superintendent saw the need for a unit capable of mowing wet, marshy areas or areas with challenging terrain, so an Altoz TRX 766i tracked zero-turn mower was purchased at a cost of \$17,200. The second unit purchased was a Kubota ZD1021-60 zero-turn mower with a sixty-inch deck at a price of \$11,900. The mowers that were replaced were declared as surplus and sold to the highest bidder.

FY20/21 Project Information

Replacement of Equipment #153, #157, and #164A (\$53,000): #153 is an aged small utility vehicle used at Emricson Park to assist with ballfields and will be 19 years old at time of replacement. #157 is a front-mount mower with provisions for snow duty with a broom and heater cab that will be 14 years old at time of replacement. #164A is the gang mower in use at Merryman Fields Park, currently showing signs of age requiring welding repairs to stressed areas. This unit will be 15 years old at time of replacement.

FY21/22 Project Information

Replacement of Equipment #149, #151, and #166 (\$53,000): #149 is a 2007 zero turn mower, which will be 15 years old at time of replacement. #151 is a 2005 front-mount mower with provisions for snow duty with a broom and heater cab. This unit is in poor condition, requiring replacement of the main broom assembly. #166 is a 1995 John Deere Gator, and will be 27 years old at the time of replacement.

FY22/23 Project Information

Replacement of Equipment #153C and #161 (\$38,000): #153C is a 2007 John Deere Gator, which will be 16 years old at time of replacement. #161 is a 2003 compact tractor, which will be 20 years old at time of replacement.

Funded Projects

FY23/24 Project Information

Replacement of Equipment #183 (\$30,000): #183 is a 1998 tractor used to pull the gang mower and will be 26 years old at time of replacement.

FY25/26 Project Information

Replacement of Equipment #164 (\$30,000): #164 is a 2006 tractor used by the Parks Division to pull the secondary gang mower, and will be 20 years old at time of replacement.

FY28/29 Project Information

Replacement of Equipment #158 and #159 (\$70,000): Replacement of two front-mount mowers with brooms and heater cabs, both 15 years old at time of replacement.

FY28/29 Project Information

Replacement of Ballfield tractor (\$12,000).

Parks – Vehicle Replacement

FY19/20 Budget		\$ 70,000	
FY19/20 Projected		\$ 64,100	
FY20/21	\$ 45,000	FY25/26	\$ 0
FY21/22	\$ 25,000	FY26/27	\$ 105,000
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 105,000
FY24/25	\$ 105,000	FY29/30	\$ 0



FY19/20 Status Update

The FY19/20 budget provided for the purchase of a replacement pickup and a new van for use by the new Facility Foreman. The division desired a smaller, more maneuverable truck, with a low-load bed to ease lifting and transport of garbage, materials, and supplies. The van was purchased from Currie Motors off the Suburban Purchasing Contract. The division desired a full sized van with a cargo load area and trailer hitch for towing compressors, generators, or equipment trailers. The van has been delivered and is in use, the pickup is expected to be delivered before March 1, 2020. Once the new pickup is in place, the old one will be sold via online auction on www.GovDeals.com.

FY20/21 Project Information

Replacement of Truck #49 (\$45,000): This request is for the replacement of a 2008 model year pickup truck that will be 12 years old at time of replacement.

Funded Projects

FY21/22 Project Information

Replacement Pickup Truck #1 (\$25,000): #1 is a 2012 bi-fuel (propane/gas) unit. The \$25,000 request is for half of the unit, with an equal amount funded by the Streets Division budget as this is a shared unit.

FY24/25 Project Information

Replacement of Truck #22 (\$105,000): This request is for the replacement of 2006 model year medium duty dump truck that is used to pull the chipper and to haul wood chips. This vehicle will be 18 years old at the time of replacement.

FY26/27 Project Information

Replacement of Truck #44 (\$105,000): This request is for the replacement of a 2010 model year medium duty dump truck. This unit will be 16 years old at time of replacement.

FY28/29 Project Information

Replacement of Truck #16 (\$105,000): This request is for the replacement of aerial boom truck which sits on a 2014 model year Ford chassis. This truck is used to hang banners, trim and remove trees, and to change light bulbs in fixtures within City-owned parking lots. This vehicle will be 14 years old at the time of its replacement.

Streets – Vehicle Replacement

FY19/20 Budget		\$ 105,000	
FY19/20 Projected		\$ 93,300	
FY20/21	\$ 40,000	FY25/26	\$ 125,000
FY21/22	\$ 65,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 45,000
FY23/24	\$ 45,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 110,000



FY19/20 Status Update

In FY19/20 the City purchased a 2020 model year Ford F550 crew cab one-ton dump truck. This vehicle was purchased utilizing the Suburban Purchasing Contract with the chassis being provided by Sutton Ford and the upfit was completed by Bonnell Industries. This vehicle replaces two pickups, trucks #2 and # 103. Street Division vehicles are used to complete a variety of maintenance tasks throughout the year.

FY20/21 Project Information

Replacement of pickup truck #14 (\$40,000): This vehicle is a 2008 Chevrolet pickup. At the time of replacement, this unit will be 12 years old.

FY21/22 Project Information

Funded Projects

Replacement of two pickup trucks #1 (\$25,000) and #3 (\$40,000): Truck #1 is a 2012 bi-fuel (propane/gas) unit. The truck is shared between the Street Division and the Parks & Facilities Division; therefore, only ½ of the total purchase price is included in this request. An equal amount was requested in the Parks Vehicle Replacement CIP for this same budget year. Truck #3 is a 2008 model year Chevrolet pickup, which will be 13 years old at the time of replacement.

FY23/24 Project Information

Replacement of pickup truck #4 (\$45,000): This vehicle is a 2008 Chevrolet pickup. At the time of replacement, this unit will be 15 years old.

FY25/26 Project Information

Replacement of Crane truck #25 (\$125,000): Truck #25 is assigned to the Street Division and it is outfitted with equipment for the maintenance of street signs. It is a 2005 model year Chevy C4500 with Auto Crane lift. As this is an occasional-use specialty vehicle with a substantial cost, Fleet believes that a life cycle of 20 years is appropriate at the time of replacement.

FY27/28 Project Information

Replacement of Pickup truck #20 (\$45,000): Truck #20 is a 2011 Chevrolet pickup. At the time of replacement, this unit will be 16 years old.

FY29/30 Project Information

Replacement of crew cab 1 – ton dump truck (\$110,000): This vehicle is a 2020 Ford F550 crew cab one-ton dump truck. At the time of replacement, this unit will be 10 years old.

Fleet Vehicle Replacement

FY19/20 Budget		\$ 55,000	
FY19/20 Projected		\$ 59,100	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

In FY19/20 the City purchased a 2020 Ford F-350 with a fiberglass service body through the Suburban Purchasing Contract to replace a 2002 model year truck. The vehicle is expected to be delivered on or near the 1st of April, 2020. After the truck is delivered, it will be outfitted locally with a snow plow. The vehicle is used by the Fleet Division to complete road service calls and respond to emergency repairs.

Building & Zoning – Vehicle Replacement

FY19/20 Budget		\$ 22,000	
FY19/20 Projected		\$ 21,900	
FY20/21	\$ 22,000	FY25/26	\$ 0
FY21/22	\$ 22,000	FY26/27	\$ 0
FY22/23	\$ 22,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 23,000



FY19/20 Status Update

The Building & Zoning Department currently operate a fleet of vehicles used in their day-to-day operations. The department is responsible for municipal code enforcement, as well as building and plumbing inspections. While the code enforcement officers do business within the city limits, inspectors frequently travel to neighboring municipalities to perform contractual inspections. Historically, Building & Zoning vehicles consisted of retired police cars and replaced motor pool vehicles. A new sport utility vehicle with all-wheel drive was determined to be the best fit for a pool car in this department. Therefore, staff purchased a 2019 Ford Escape through the Suburban Purchasing Contract. The vehicle is currently in service.

FY20/21 Project Information

Replacement of CED66 (\$22,000): Planned replacement of CED66, a 2011 Crown Victoria, which will be nine years old at time of replacement.

FY21/22 Project Information

Replacement of CED600 (\$22,000): Planned replacement of CED600, a 2013 Ford Police Interceptor Sedan, which will be eight years old at the time of replacement.

FY22/23 Project Information

Replacement of CED63 (\$22,000): Planned replacement of CED63, a 2011 Crown Victoria, which will be 11 years old at time of replacement.

Funded Projects

FY29/30 Project Information

Replacement of CED601 (\$23,000): Planned replacement of CED601, a 2019 Ford Escape, which will be ten years old at time of replacement.

PW Administration – Vehicle Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 54,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY22/23 Project Information

There are three vehicles available to Public Works Administrative employees while they are at work. One is shared by the Director of Public Works, the Assistant Director, and the Office Manager. The second vehicle is assigned to the City Engineer. The third is assigned to the Engineering Inspector. These vehicles have been repurposed in the organization. Funds are requested to replace one of the vehicles with a ½ ton four-wheel drive pickup truck (est. \$27,000) that will be assigned to the Engineering Inspector. The second vehicle planned for purchase is a new unit that will replace one of the repurposed vehicles.

Opera House/Recreation – Vehicle Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 32,000



FY29/30 Project Information

The Opera House has a van that is used to transport entertainers to and from the airport, or to and from a hotel. The Recreation Department also uses this van to transport people who have signed up for City-sponsored programs like a skiing trip, snowboarding, etc. The City may also use this vehicle when multiple employees are traveling to the same conference or if visitors or dignitaries are visiting the City and need to be transported from site-to-site. This van has become a shared-use vehicle. Despite the fact that it is so versatile, it typically has very low mileage as compared to other City vehicles. Funds are requested to replace this van in FY29/30 at which time it will be 13 years old.

City Hall – Vehicle Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 22,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



Funded Projects

FY22/23 Project Information

Replacement of Car #80 (\$22,000): Car #80 is a 2007 model year Honda Civic assigned for general use by employees within City Hall. This vehicle will be 15 years old in 2022; the year that it is programmed for replacement.

The City is working to initiate an in-house vehicle replacement program. The basis of the program would be to purchase a light-duty vehicle, like a Ford Escape, and retain it for a period of three to five years, selling it at its peak used-market value. Once this program begins, it is likely that funds will be requested in FY27/28 to replace the vehicle purchased in FY22/23.



General Corporate Street/Sidewalks/ Signals

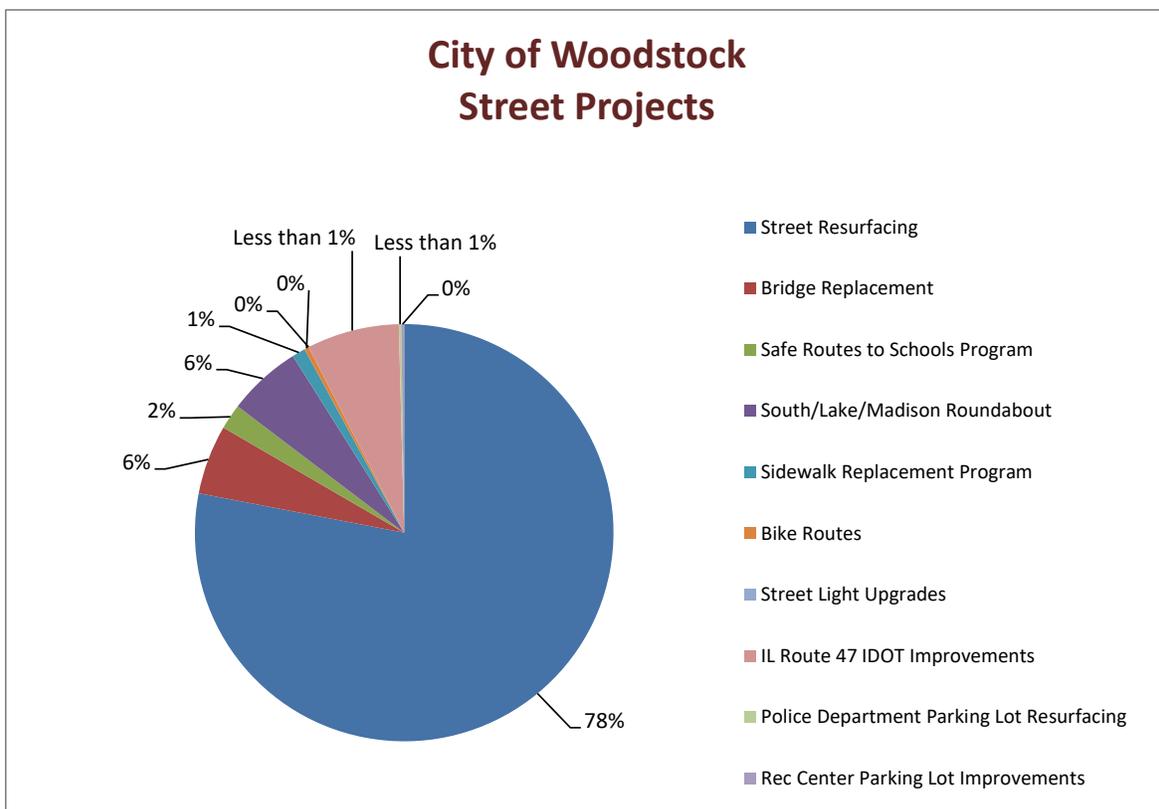
**CIP Document
FY20/21-FY29/30**

General Corporate – CIP - Streets

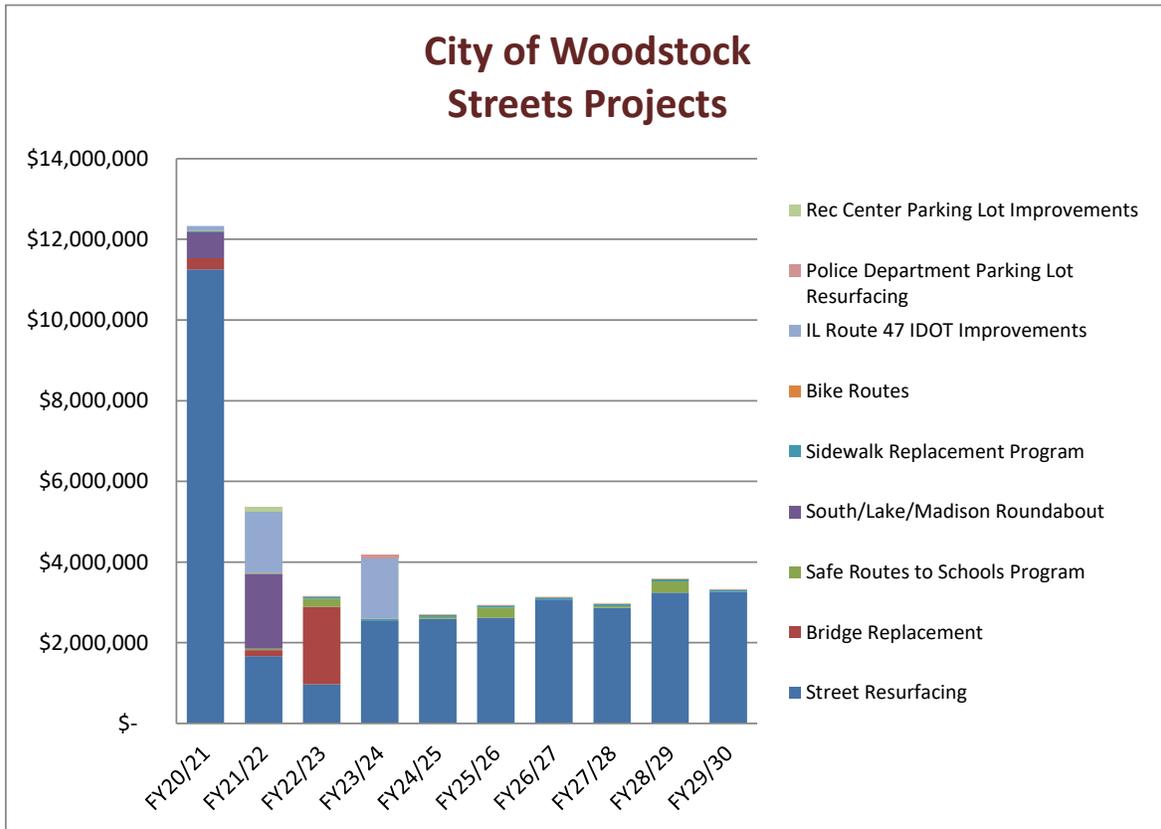
OVERVIEW

A combination of existing bond payments, and, most importantly, the dedication of funds to ensure an appropriate Annual Street Resurfacing Program (\$34.1 million over the ten-year planning period) will absorb much of the CIP revenues needed for transportation projects. This includes a significant enhancement to the ongoing resurfacing program in FY20/21 (\$11.2 million) utilizing debt financing, with further review required to determine the financial plan for following years required to undertake significant improvements to the condition of the City's local infrastructure. In addition, long-term planning allows the City to address the City's anticipated costs related to the expansion of Route 47 (\$3.1 million). Overall, \$43,672,800 has been devoted to street projects over the ten-year planning period, representing approximately 63.1% of General Corporate – CIP spending.

As illustrated in the graphs presented below, Street Resurfacing efforts will constitute the majority of spending for street-related projects. Overall, when all Street Resurfacing/Parking Lot Maintenance efforts are combined, the City will be spending, on average, \$4,060,800 per year. If grant revenues are included, the average annual spending increases to \$4,283,800 for the revitalization of the City's important transportation network.



General Corporate – CIP - Streets



General Corporate – CIP – Streets

General Corporate - CIP Fund Streets/Sidewalks/Signals	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Streets/Sidewalks/Signals													
Street Resurfacing	\$ 1,595,000	\$ 1,595,000	\$ 11,257,400	\$ 1,666,300	\$ 967,000	\$ 2,535,900	\$ 2,593,900	\$ 2,612,500	\$ 3,071,700	\$ 2,866,300	\$ 3,242,500	\$ 3,262,300	\$ 34,075,800
Bridge Replacement	225,000	71,800	272,000	150,000	1,925,000	-	-	-	-	-	-	-	2,347,000
Safe Routes to Schools Program	35,000	-	-	40,000	200,000	-	40,000	260,000	-	40,000	275,000	-	855,000
South/Lake/Madison Roundabout	50,000	110,000	647,000	1,848,000	-	-	-	-	-	-	-	-	2,495,000
Sidewalk Replacement Program	25,000	24,500	25,000	25,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	450,000
Bike Routes	15,000	10,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Street Light Upgrades	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-
IL Route 47 IDOT Improvements	-	60,000	115,000	1,505,000	-	1,500,000	-	-	-	-	-	-	3,120,000
Police Department Parking Lot Resurfacing	-	-	-	-	-	80,000	-	-	-	-	-	-	80,000
Rec Center Parking Lot Improvements	-	-	-	100,000	-	-	-	-	-	-	-	-	100,000
Total Streets/Sidewalks/Signals	\$ 1,975,000	\$ 1,901,300	\$ 12,331,400	\$ 5,349,300	\$ 3,157,000	\$ 4,180,900	\$ 2,698,900	\$ 2,937,500	\$ 3,136,700	\$ 2,971,300	\$ 3,582,500	\$ 3,327,300	\$ 43,672,800

Resurfacing/Infrastructure Maintenance Spending by Fiscal Year:

General Corporate - CIP Fund Total Road Resurfacing by Fiscal Year	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Street Resurfacing	\$ 11,257,400	\$ 1,666,300	\$ 967,000	\$ 2,535,900	\$ 2,593,900	\$ 2,612,500	\$ 3,071,700	\$ 2,866,300	\$ 3,242,500	\$ 3,262,300	\$ 34,075,800
Bridge Replacement	272,000	150,000	1,925,000	-	-	-	-	-	-	-	2,347,000
South/Lake/Madison Roundabout	647,000	1,848,000	-	-	-	-	-	-	-	-	2,495,000
IL Route 47 IDOT Improvements	115,000	1,505,000	-	1,500,000	-	-	-	-	-	-	3,120,000
Police Department Parking Lot Resurfacing	-	-	-	80,000	-	-	-	-	-	-	80,000
Rec Center Parking Lot Improvements	-	100,000	-	-	-	-	-	-	-	-	100,000
Park Resurfacing	100,000	100,000	100,000	80,000	-	80,000	-	80,000	-	80,000	620,000
Total Road Projects	\$ 12,391,400	\$ 5,369,300	\$ 2,992,000	\$ 4,195,900	\$ 2,593,900	\$ 2,692,500	\$ 3,071,700	\$ 2,946,300	\$ 3,242,500	\$ 3,342,300	\$ 42,837,800

Street Resurfacing

FY19/20 Budget		\$ 1,595,000	
FY19/20 Projected		\$ 845,000	
<hr/>			
FY20/21	\$ 11,257,400	FY25/26	\$ 2,612,500
FY21/22	\$ 1,666,300	FY26/27	\$ 3,071,700
FY22/23	\$ 967,000	FY27/28	\$ 2,866,300
FY23/24	\$ 2,535,900	FY28/29	\$ 3,242,500
FY24/25	\$ 2,593,900	FY29/30	\$ 3,262,300



FY19/20 Status Update

This line item pays for activity related to street resurfacing. Calendar year 2019 went down in history as the third wettest year on record. Weather delayed the preliminary sewer televising work that was needed to finalize design engineering. The City opened bids on August 2, 2019. This is later than the City would have preferred; however, as it turns out contractors schedules were already delayed because of the weather. The City awarded a contract to A Lamp Concrete Contractors, Inc., for a total amount not-to-exceed \$1,726,000.

The City's 2019 Street Resurfacing Program included plans for the resurfacing of the following segments of residential streets:

Street	From	To
Aspen Drive	Entrance	Applewood Lane
Bull Valley Drive	Taurus Court	Oakmont Drive
Castle Road	IL Rt. 47	Willowbrook Entrance
Dakota Ridge Drive	Entrance	Exit
Dane Street	Washington Street	Dacy Street + 500'
Lamb Road	Railroad Tracks	North to City Limits
Robert Drive	Thomas Drive	Carlisle Drive
Roosevelt Street	Lawndale Avenue	Oakwood Street
Short Street	Wicker Street	Railroad Tracks
Todd Avenue	Madison Street	IL R. 47
Wicker Street	IL Rt. 120	Railroad Tracks
Willow Avenue	Tappan Street	Walnut Drive
Ryders Woods Parking Lot	Off Kimball Avenue	

Unfortunately calendar year 2019 also included snowfall and cold temperatures before Thanksgiving calling an early end to the construction season. A Lamp Concrete Contractors had provided a construction schedule with the bid, which included a completion date of November 25, 2019. Since the contractor failed to meet their completion date, the City will request a revised completion date. If the contractor fails to complete the work prior to this revised date, the City can cancel the contract or begin to charge liquidated damages. The only work that was completed in 2019 through this contract was the replacement of curb, sidewalk and some driveway aprons on Dane, Wicker and Applewood Lane. In

General Corporate – CIP – Streets – Funded Projects

FY19/20 the City paid \$185,645 for the completion of this work. It is likely that the balance of the 2019 program will be completed in FY20/21.

Other funds charged to this line item include approximately \$20,000 for construction engineering services, \$9,000 for televising services and \$29,967 for the application of Reclamite (pavement preservation) on those streets resurfaced 1 - 2 years ago.

Another contract was approved in FY19/20 with Hampton, Lenzini, & Renwick, Inc., for an amount not-to-exceed \$947,040 for engineering services related to the design of resurfacing work that will be completed in calendar year 2020 in addition to construction engineering services to be administered during resurfacing. Approximately \$600,000 will be paid in FY19/20 for design engineering services, which includes both infrastructure televising and pavement core sampling.

FY20/21 Project Description

An inventory (Pavement Management Plan) for the condition of the streets throughout the community was completed by Consulting Engineers, Baxter & Woodman in 2015. The plan recommended that the City increase its annual expenditures to a total of \$5 - \$6 million dollars per year to incrementally improve the overall condition rating of City streets. Despite the fact that the City significantly increased its spending on resurfacing, it is still losing ground. City streets deteriorate every year and as they deteriorate, they become more expensive to repair. Unlike most other assets; streets experience and increase in deterioration rate at the tail end of their life rather than the beginning. When streets reach a Pavement Condition Index (PCI) near the lower end of “poor”, the deterioration exponentially increases and costs to repair severely increase. It is in the best interest of the City to improve streets that fall in this condition rating before they drop exponentially to save on that drastic increase in improvement costs.

As a result, in FY20/21, the City will utilize debt financing to address as many streets that fall within the lower end of “Fair” to “Poor” condition rating to avoid exponential cost increases in the future due to deterioration. The City will fund \$10 million, focusing only upon the removal of the top layer of asphalt, leaving the lower portion followed by the placement of new asphalt, raising all streets that are improved in FY20/21 to a PCI rating of 100. Another determining factor for increased funding in FY20/21 borders around the fact that significant improvements through the *Move Illinois* Tri-State Construction Program will likely create a shortage of asphalt during the 2021 – 2023 construction seasons.

Funding for the resurfacing work will be generated by the issuance of 2020 General Obligation bonds. The annual debt service cost is estimated to be \$600,000. Revenue for this payment will come from \$300,000 MFT collections related to the \$0.19 cent/gallon increase imposed by the State of Illinois and the locally-administered \$0.03 cent/gallon increase. The combination of both revenue sources is anticipated to generate \$600,000 annually.

The \$10.0 million dollar expenditure in FY20/21 will include construction engineering services for the 2020 resurfacing program (est. \$300,000); a contract for resurfacing to include labor and materials, and design engineering for both the FY21/22 and FY22/23 Street Resurfacing Programs (est. \$2,200,000).

FY21/22 – FY24/25 Project Description

The City’s goal in FY21/22 and the following three years will remain focused upon improving streets before they drop in condition rating (20%) and then prioritizing improvements to those streets identified as being in a failed condition (80%).

General Corporate – CIP – Streets – Funded Projects

A similar expenditure level as FY20/21 is anticipated in the next four years to address the vast majority of the City's street needs. The City Administration is still in the process of determining the appropriate strategy to finance this enhanced level of spending in the following years. As a result, for the purpose of the CIP Budget, the City Administration is utilizing the past level of expenditures for street resurfacing until the financial plan can be reviewed and approved by the City Council.

FY25/26 Project Description

The City's goal in FY25/26 will remain focused upon improving streets before they drop in condition rating (10%) and then prioritizing improvements to those streets identified as being in a failed condition (90%). By this time, it is estimated that the average Pavement Condition Index (PCI) rating will be 77; an index rating increase of 67% as compared to 2015 when the City's Pavement Management Report was first written.

The \$2.6 million dollar expenditure in FY25/26 will include construction engineering services for the 2025 resurfacing program (est. \$199,000), a contract for resurfacing to include labor and materials, and design engineering for the FY26/27 Street Resurfacing Programs (est. \$240,000).

FY26/27 Project Description

The City's goal in FY26/27 will remain focused upon improving streets before they drop in condition rating (10%) and then prioritizing improvements to those streets identified as being in a failed condition (90%).

The \$3.1 million dollar expenditure in FY26/27 will include construction engineering services for the 2026 resurfacing program (est. \$204,000), a contract for resurfacing to include labor and materials, and design engineering for the FY27/28 Street Resurfacing Programs (est. \$135,000).

FY27/28 Project Description

The City's goal in FY27/28 will remain focused upon improving streets before they drop in condition rating (10%) and then prioritizing improvements to those streets identified as being in a failed condition (90%).

The \$2.9 million dollar expenditure in FY27/28 will include construction engineering services for the 2027 resurfacing program (est. \$217,000), a contract for resurfacing to include labor and materials, and design engineering for the FY28/29 Street Resurfacing Programs (est. \$135,000).

FY28/29 Project Description

The City's goal in FY28/29 will remain focused upon improving streets before they drop in condition rating (10%) and then prioritizing improvements to those streets identified as being in a failed condition (90%).

The \$3.2 million dollar expenditure in FY28/29 will include construction engineering services for the 2028 resurfacing program (est. \$226,000), a contract for resurfacing to include labor and materials, and design engineering for the FY29/30 Street Resurfacing Programs (est. \$157,000).

FY29/30 Project Description

The City's goal in FY29/30 will remain focused upon improving streets before they drop in condition rating (10%) and then prioritizing improvements to those streets identified as being in a failed condition (90%).

General Corporate – CIP – Streets – Funded Projects

The \$3.3 million dollar expenditure in FY29/30 will include construction engineering services for the 2029 resurfacing program (est. \$240,000), a contract for resurfacing to include labor and materials, and design engineering for the FY30/31 Street Resurfacing Programs (est. \$160,000).

Bridge Replacement

FY19/20 Budget		\$ 225,000	
FY19/20 Projected		\$ 71,800	
<hr/>			
FY20/21	\$ 272,000	FY25/26	\$ 0
FY21/22	\$ 150,000	FY26/27	\$ 0
FY22/23	\$ 1,925,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

Funds were approved to initiate phase 1 design engineering for the Melody Lane Bridge in FY18/19 producing a full set of plans and specifications for the project so that it can be let for bids. Under the guidelines of the Federal Highway Administration (FHA), the City had the Melody Lane Bridge inspected on the usual twenty-four month schedule. The results from the inspection reveal that the City should begin making plans to replace this structure because it is in “poor condition.” The Melody Lane Bridge reconstruction project has been approved for Federal STP – Bridge funds, which will result in the City being reimbursed for 80% of all engineering and construction costs.

FY20/21 Project Information

The City has one other bridge within its jurisdiction. The St. Johns Road bridge is not on the National Bridge Inventory because the structure is less than twenty feet in length. As a result, grant funding is not available at this time for its repair or replacement; however, the FHA is working on a program that will address the replacement of this size of bridge. At the last inspection, it was noted that the St Johns bridge “is nearing the end of its remaining useful life.”

Funds are requested in FY20/21 to complete design engineering (Phase 1) for the Melody Lane Bridge (\$72,000) and phase 1 and phase 2 engineering (design, land acquisition, utility relocation, finalize construction plans – est. \$200,000) for the St. Johns Road bridge. If there is no federal assistance for rebuilding the St. Johns Road bridge, it will be constructed at a size that will require it to be placed on the National Bridge Inventory; thereby, receiving funding the next time that maintenance or reconstruction is required.

FY21/22 Project Information

Funding is requested for phase 2 (land acquisition, utility relocation, finalize construction plans – est. \$150,000) engineering associated with the reconstruction of the Melody Lane bridge.

General Corporate – CIP – Streets – Funded Projects

FY22/23 Project Information

Funding is requested for construction and construction engineering costs associated with both the Melody Lane bridge (est. \$825,000) and the St. Johns Road bridge (est. \$1,100,000).

Safe Routes to Schools

FY19/20 Budget		\$ 35,000	
FY18/19 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 260,000
FY21/22	\$ 40,000	FY26/27	\$ 0
FY22/23	\$ 200,000	FY27/28	\$ 40,000
FY23/24	\$ 0	FY28/29	\$ 275,000
FY24/25	\$ 40,000	FY29/30	\$ 0



FY19/20 Status Update

A Federal Safe Routes to Schools (SRTS) grant cycle opened up in late 2018. In April, 2019 the City learned that its grant application for this funding cycle did not yield an award. Only 28 of 168 applications were funded in 2019. As a result, the City’s project has stalled and design engineering was not initiated. If the City’s project had been funded, this award would have been the fourth that was received by the City through the Safe Routes to Schools Grant Program.

FY21/22 Project Information

It is anticipated that a new SRTS “call for projects” will be announced in the fall of 2021. If the City is successful in obtaining a grant, it will begin design engineering to construct sidewalk improvements, both new and replacement, on Kimball Avenue from Lake Avenue to Dean and West Jackson, Hill, and W. Judd. Design engineering is not reimbursable thru the grant.

FY22/23 Project Information

Assuming that grant funds were approved for the City’s project, the City will move forward with construction and construction engineering services for sidewalk improvements, both new and replacement, on Kimball Avenue from Lake Avenue to Dean and West Jackson, Hill, and W. Judd. \$200,000 of the costs will be paid through the federally-funded Safe Routes to Schools Program.

FY24/25 Project Information

It is anticipated that a SRTS “call for projects” will be announced in the fall of 2024. If the City is successful in obtaining a grant award, funds will be used to pay for design engineering related to new sidewalk along Tappan from Meadow to

General Corporate – CIP – Streets – Funded Projects

Greenwood (\$40,000). The City should not expect design engineering to be covered thru the grant as it is not a reimbursable expenditure.

FY25/26 Project Information

If the City is successful in obtaining a grant, the City will use these funds for construction and construction engineering for new sidewalk along Tappan from Meadow to Greenwood. At least \$200,000 of these costs will be paid through the federally-funded Safe Routes to Schools Program.

FY27/28 Project Information

It is anticipated that a SRTS “call for projects” will be announced in the fall of 2027. If the City is successful in obtaining a grant award, funds will be used to pay for design engineering related to new sidewalk along Greenwood Avenue from Tappan Street to Wicker Street (\$40,000). The City should not expect design engineering to be covered thru the grant as it is not a reimbursable expenditure.

FY28/29 Project Information

If the City is successful in obtaining a grant, the City will use these funds for construction and construction engineering for new sidewalk along Greenwood Avenue between Tappan Street and Wicker Street. At least \$200,000 of these costs will be paid through the federally-funded Safe Routes to Schools Program.

South/Lake/Madison Roundabout

FY19/20 Budget		\$ 50,000	
FY19/20 Projected		\$ 110,000	
<hr/>			
FY20/21	\$ 50,000	FY25/26	\$ 0
FY21/22	\$ 647,000	FY26/27	\$ 0
FY22/23	\$ 1,848,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

Based upon the recommendations of the Woodstock Square Streetscape Guidelines for improvements at the intersection of Lake/South/Madison, City staff entered this project into the McHenry County Council of Mayors Surface Transportation Program (STP) in 2013. The project remains as an approved project in the FYY 2016-2020 STP scheduled program.

The project is in phase 2 with the acquisition of land for both permanent and temporary construction easements underway. At the present time, three of the six parcels to be acquired are complete. Two of the remaining three

General Corporate – CIP – Streets – Funded Projects

parcels are owned by the same party. The City has requested the State consider a Quick-Take Condemnation Bill for the remaining properties so it can proceed with construction. The City is hopeful that land acquisition certification would be completed by early winter 2020 resulting in a March 2021 construction letting. The McHenry County Council of Mayors call for STP projects opens back up in January 2020. The City plans to resubmit this project for programming resulting in the possibility of receiving a maximum of \$1.5 million dollars of federal aid in constructing this intersection improvement.

FY19/20 end of year projections include costs for legal fees, land acquisition and engineering for the proposed roundabout.

FY20/21 Project Information

In FY20/21 it is anticipated that all land acquisition will be completed on or before the March 2021 bid letting. Most of the construction will likely take place in calendar year 2021. Funds are included in FY20/21 to complete land acquisition, and provide for associated legal fees and engineering.

FY21/22 Project Information

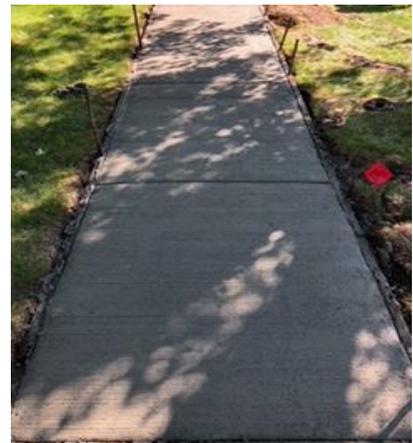
Total construction costs, including construction engineering, are anticipated to be \$3,025,000 with \$1,500,000 of that cost paid using federal funds. All utilities under and through the roundabout will either be relocated outside the roundabout or replaced to avoid having to repair or replace them after the roundabout is in use. As a result, a request in the amount of \$585,000 is included in the Utility Fund CIP to fund these improvements.

FY22/23 Project Information

Roundabout construction will begin in the early summer of 2021. As a result, funds are requested to cover expenses associated with the final completion of the roundabout project. All funds associated with this project after completion will be for maintenance, and those expenditures will be paid from operating budgets or the resurfacing budget in the General Fund CIP.

Sidewalk Replacement Program

FY19/20 Budget		\$ 25,000	
FY19/20 Projected		\$ 24,500	
<hr/>			
FY20/21	\$ 25,000	FY25/26	\$ 50,000
FY21/22	\$ 25,000	FY26/27	\$ 50,000
FY22/23	\$ 50,000	FY27/28	\$ 50,000
FY23/24	\$ 50,000	FY28/29	\$ 50,000
FY24/25	\$ 50,000	FY29/30	\$ 50,000



General Corporate – CIP – Streets – Funded Projects

FY19/20 Status Update

Safe and convenient areas for pedestrian travel is a stated goal in Woodstock’s Vision 2020 Plan. This sidewalk replacement program encompasses either the repair, or removal and replacement of sections of concrete sidewalk and curb. Defined areas of need include broken, sunken, raised, or missing sections of concrete sidewalk and curb. Coupled with related programs such as, Safe Routes to School sidewalk construction, and Sidewalk Maintenance Program in the TIF district, continuing these efforts is a priority with an increase in funding when possible.

In order to facilitate a cost efficient sidewalk construction and maintenance program in 2019, the City of Woodstock again participated in a joint bid administered by the McHenry County Municipal Partnering Initiative (MC-MPI). Bidding with other communities in this manner increased the volume of work completed because of reduced unit prices. As the lowest responsible bidder, Globe Construction was selected as the contractor for this program.

During 2019, this program yielded the removal and replacement of 3,122 square feet of sidewalk with an additional 113 lineal feet of curb and gutter removal and replacement.

FY20/21 thru FY29/30

Staff evaluates all concrete surfaces on an annual basis and schedules the appropriate work based on need within the confines of available funds. Therefore, the location of annual work is constantly in flux.

Bike Routes

FY19/20 Budget		\$ 15,000	
FY19/20 Projected		\$ 10,000	
FY20/21	\$ 15,000	FY25/26	\$ 15,000
FY21/22	\$ 15,000	FY26/27	\$ 15,000
FY22/23	\$ 15,000	FY27/28	\$ 15,000
FY23/24	\$ 15,000	FY28/29	\$ 15,000
FY24/25	\$ 15,000	FY29/30	\$ 15,000



FY19/20 Status Update

The Woodstock Transportation Commission authored its first Master Bicycle Plan in December of 2009. The implementation portion of that plan stated that the City should make every effort to install or provide for the installation of bicycle facilities included with other scheduled infrastructure improvements - “Maintaining the current level of bikeway activity and programs will not fulfill the visions and goals that the Woodstock community has for completing a bicycle network.”

In 2018, the Transportation Commission began updating the Master Bicycle Plan. The Commission is working with the McHenry County Bicycle Advocates and local bicycle enthusiasts to determine how available funds can best be utilized to get started on marking out a bicycle network. This plan will need to have both short-term and long-term goals; however, low-cost options such as pavement marking and signage provide the community with the best opportunity for the creation of a short-term, inexpensive bicycle network.

General Corporate – CIP – Streets – Funded Projects

In FY19/20 funds were used to repaint the bicycle lane on South Street and to extend the path east or west from that point as appropriate. In addition, signage will be installed in that same area as specified in the Manual of Uniform Traffic Control Devices (MUTCD).

FY20/21 thru FY29/30 Project Description

Funding will be used to implement realistic, economically feasible recommendations of the Transportation Commission that provide the greatest benefit to the community. If approved, allocation of funds could coincide with another program (e.g., street resurfacing, or pavement marking) to stripe, sign, and/or pave bicycle paths, if the appropriate opportunity exists. Continued cooperation with local volunteer groups to identify locations to realize a short-term, inexpensive bicycle network may give way to a more permanent plan, if agreed upon and determined to be economically feasible.

Street Light Upgrades

FY19/20 Budget		\$ 30,000	
FY19/20 Projected		\$ 30,000	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

The majority of the street lights throughout the corporate limits of Woodstock are owned and maintained by Commonwealth Edison. However, there are certain street lights within the downtown, in City-owned parking lots, and select areas within the City where lights are owned and maintained by the City. Some of the City-owned lights were converted to LED in 2017. Funds were used in FY19/20 to convert the remaining City-owned light fixtures to LED.

IL Route 47 IDOT Improvements

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 60,000	
<hr/>			
FY20/21	\$ 115,000	FY25/26	\$ 0
FY21/22	\$ 1,505,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 1,500,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

City staff met with the Illinois Department of Transportation (IDOT) in November 2019 to discuss improvements to IL Route 47 from US Route 14 to IL Route 120. This \$58.0 million dollar project is funded at the State level and the City needs to prepare for costs associated with General Fund activities such as the construction of sidewalks and recreation paths, the upgrade of light poles and fixtures, traffic signals, emergency vehicle pre-emption devices and the desired level of landscaping throughout the corridor. Funds will be required to help plan for these amenities and complete preliminary engineering as appropriate. IDOT has requested this information by June, 2020 so that the information can be included in final construction plans & specifications. The City will accrue costs for engineering in FY19/20 in order to get information to IDOT for inclusion in their final construction documents.

FY20/21 Project Description

IDOT has informed the City that the appraisal process for land acquisition would begin in early calendar year 2020. Land acquisition is expected to take 18 – 24 months, resulting in the start of construction occurring in 2022 or 2023.

Funds requested in FY20/21 will be used for engineering associated with coordinating local plans for street lights, landscaping, and the relocation of storm sewer and fiber optic cable. There are engineering costs associated with this project in the Water & Sewer CIP earmarked for the relocation of City-owned water and sewer mains.

City staff will work to prepare business owners along the corridor for the construction phase of this project.

FY21/22 Project Description

The IL Route 47 Improvements will take at least two years to construct. The City will be obligated to pay between 50 – 80 percent of the local share of the improvements at the start of construction. The local cost share can include, but is not limited to, signalization improvements (est. \$43,700 total), street lights (est. \$2,461,780 total), multi-use path (est. \$44,154 total), sidewalk (est. \$57,236 total), EVP Devices (\$6,900 total), landscaping (TBD), relocation of fiber-optic lines (TBD), and other services related to construction layouts and engineering inspections.

FY23/24 Project Description

Once IL Route 47 Improvements are complete, the City will be invoiced for the remainder of the local share of costs for signalization improvements, streetlights, multi-use path, sidewalk, landscaping, relocation of fiber-optic lines, and other services related to roadway improvements.

Police Department Parking Lot Resurfacing

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 80,000	FY29/30	\$ 0



FY24/25 Project Description

Prior to the construction of the Police Department on the Lake Avenue site, there was a building that was demolished in place. If you dig in or around the facility it is not uncommon to unearth leftover debris. It is difficult to compact soils around large chunks of debris and that is evident when viewing the west parking lot at the Police Department. The west lot is where employees park their personal vehicles and it’s also where the squad cars park. The lot has experienced significant settling and as a result, the asphalt pavement is beginning to crumble. A small amount of skip patching was completed in this lot a few years ago in order to keep it in service; however, more extensive repairs need to be completed to keep the surface from crumbling. Funds are requested to complete some work beneath the pavement surface and to add a new surface in FY24/25. It is likely that this project will be included in the resurfacing bid in order to get the best unit prices for construction.

Recreation Center Parking Lot Resurfacing

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 100,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY21/22 Project Description

The City is working on acquiring the abandoned gas station to the east of the Recreation Center on Lake Avenue. At the City’s prompting, underground storage tanks were removed in FY19/20. If the City is successful in acquiring the property, it will be used to expand the parking lot. The east side of the existing parking lot needs to be raised and a storm sewer needs to be installed to drain water that currently ponds on the lot and at its edges. In addition, sections of the Recreation Center Parking Lot are reaching the end of their useful life. Patrons will not continue to utilize a City-owned facility if funds are not reinvested to keep the facility visually attractive when compared to those it is in competition with.

Funds are requested to construct a storm sewer, raise the existing lot at the east end, perform compaction, and resurface the old gas station property along with some portions of the Recreation Center Lot. The work will be included in the resurfacing bid in FY21/22 in order to get the best unit prices for construction.



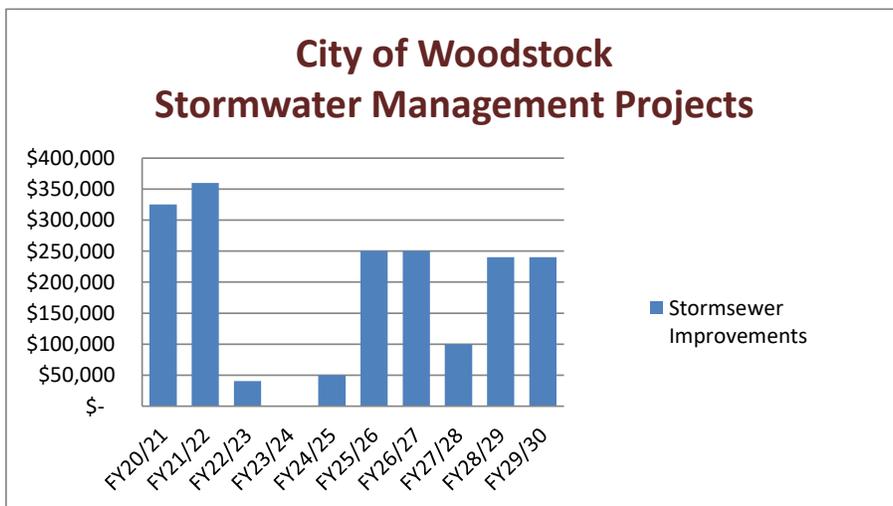
General Corporate Stormwater

**CIP Document
FY20/21-FY29/30**

OVERVIEW

The City maintains over 83 miles of storm sewers and 2,187 storm sewer inlets, with the majority of this infrastructure now more than 50-years old. Routine maintenance is necessary on an annual basis to address necessary repairs and areas that will require replacement. In addition to the annual maintenance, the City does receive requests from residents each year to improve drainage in the public right of way. The City Administration has identified a variety of storm water needs, which have been included in the ten-year planning period, totaling \$1,855,400.

As illustrated in the graphs presented below, Storm Sewer Improvements represent the only project funded over the ten-year period. These projects improve storm water flow for areas within the community suffering from collapsed, damaged or undersized storm sewers.



General Corporate – CIP – Stormwater

General Corporate - CIP Fund Stormwater Management	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Stormwater Management													
Stormsewer Improvements	\$ 375,000	\$ 321,500	\$ 325,000	\$ 360,000	\$ 40,400	\$ -	\$ 50,000	\$ 250,000	\$ 250,000	\$ 100,000	\$ 240,000	\$ 240,000	\$ 1,855,400
I&I Improvements	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-
Total Stormwater Management	\$ 415,000	\$ 361,500	\$ 325,000	\$ 360,000	\$ 40,400	\$ -	\$ 50,000	\$ 250,000	\$ 250,000	\$ 100,000	\$ 240,000	\$ 240,000	\$ 1,855,400

Funded Projects

Storm Sewer Improvements

FY19/20 Budget		\$ 375,000	
FY19/20 Projected		\$ 321,500	
FY20/21	\$ 325,000	FY25/26	\$250,000
FY21/22	\$ 360,000	FY26/27	\$ 250,000
FY22/23	\$ 40,400	FY27/28	\$ 100,000
FY23/24	\$ 0	FY28/29	\$ 240,000
FY24/25	\$ 50,000	FY29/30	\$ 240,000



FY19/20 Status Update

Funds were approved to relocate the Lawrence Avenue storm sewer from the rear yards to the public right-of-way. This project was bid along with a water main replacement project in order to receive better unit prices for construction. The project was first bid in August 2019 with the City receiving only one bid for the work. Bids were rejected and the project was re-bid accepting proposals for either open ditch or directional boring methods with bids due December 6th. This time, bids were more favorable and the City will move forward with the project; however, it is likely that construction costs will be accrued in both FY19/20 and FY20/21. In addition to the Lawrence Avenue project, \$90,000 was approved in FY19/20 for design engineering associated with projects that would improve the Kimball Avenue Storm Water Management System. This work was initiated after some residents tributary to the Raintree detention basin expressed concerns over backyard flooding. Preliminary study results indicate significant surcharging occurs within the Raintree storm sewer, which happens to be one of the largest storm sewer network tributaries in the City.

FY20/21 Project Information

Consulting Engineers acted on a request by the City to evaluate the Raintree detention basin tributaries after several residents expressed concerns about backyard flooding on E. Kimball Avenue. That evaluation revealed many areas in the storm sewer system between Kimball Avenue and the Raintree Detention Basin which surcharged when significant rainfall was received here in the City. Engineers recommend that the storm sewer through the roundabout be upsized during its construction and that two detention basins be constructed on E. Kimball. The City will need to acquire some land (estimated total value \$17,000) which is currently vacant to build the first detention basin onto. These basins will hold water and then release it as the rainfall subsides. This action will ultimately benefit all properties in the watershed. Funds requested in FY20/21 will pay for construction (estimated \$300,000) of the first detention pond and construction oversight (\$8,000).



Funded Projects

FY21/22 Project Information

In order to construct the second and final detention basin on Kimball, the City will need to approve funding in FY21/22 estimated at \$300,000 for construction and \$35,000 for construction oversight. After these basins are constructed, other improvements recommended and designed to alleviate surcharge conditions within the storm sewer serving the Raintree watershed will be coordinated with other planned large scale infrastructure improvements.

In addition to the construction of a detention basin, funds are requested to prepare engineering plans and specifications for the replacement of a 21" storm sewer in the 1900 Block of Julie Street that has failed, resulting in drainage problems within the City right-of-way and on private property (\$25,000). The City will plan to complete this storm sewer replacement project in the same year that plans and specifications are developed.

FY22/23 Project Information

Funds are requested to complete a small (\$15,400) storm sewer project on Dane Street near its intersection with Pleasant.

In addition, funds are requested to pay for a storm sewer extension at the intersection of Tappan & Ash (\$16,000) to include some curb, sidewalk, and pavement removal & replacement. The remaining budgeted funds will be used to pay for the rehabilitation of existing manhole structures and the installation of chimney seals in close proximity of this project.

FY24/25 Project Information

Several years ago, during moderate rainfall events, water ran over Zimmerman Road due to backups that have occurred in the downstream storm sewer pipes. Some of these pipes are misaligned, separated and are full of tree root growth. Additionally, this causes flooding of the intersection of McConnell Road and RT. 47. In FY 14/15 a field inspection of the existing storm sewer was completed followed by its cleaning utilizing an outside contractor. Funds are requested to complete the preparation of detailed engineering plans and specifications for needed repairs and/or replacement of the existing sewer line (\$50,000).

FY25/26 Project Information

Funds are requested to construct the storm sewer improvements from Zimmerman Road east to Dufield Pond (\$250,000).

FY26/27 Project Information

Funds are requested to complete the construction of a storm sewer from Zimmerman Road east to Dufield Pond (\$250,000).

FY27/28 Project Information

Funds are proposed for use in upsizing a 6" storm sewer located on private property near the rear of the Public Library, ultimately discharging to a storm sewer on Lincoln Avenue. This is a very old storm sewer that is undersized, filled with tree roots and difficult to access due to space limitations adjoining an old tree line. It is not located within any known

Funded Projects

utility easements. It plugs easily and cannot handle larger volumes of water during heavy rainfall events, resulting in rear-yard flooding that has threatened structures. This project would be engineered and constructed by City staff. The remaining budgeted funds will be used for storm sewer rehab and lining of existing storm pipes and manhole structures throughout the stormwater collection system.

FY28/29 Project Information

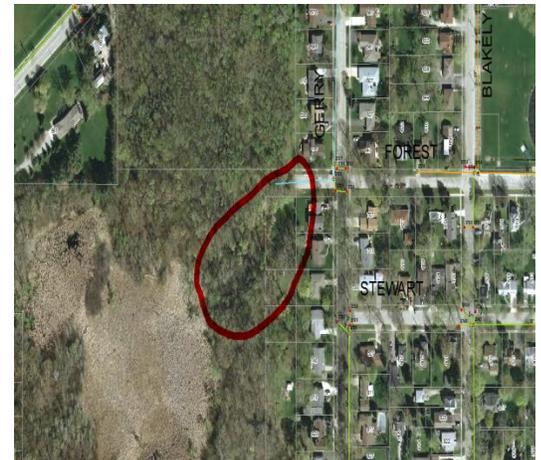
Funds are requested to upsize storm sewer between Kimball Avenue and Raintree Park in order to alleviate surcharges in the trunk sewer serving the Raintree Watershed area.

FY29/30 Project Information

Funds are requested to upsize storm sewer between Kimball Avenue and Raintree Park in order to alleviate surcharges in the trunk sewer serving the Raintree Watershed area.

I & I Improvements

FY19/20 Budget		\$ 40,000	
FY19/20 Projected		\$ 10,000	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

The storm sewer outlet pipe at the west end of Forest Avenue (leading into the William C. Donato Conservation Area) is partially plugged from sediment, which has filled in the outlet channel/swale that extends southwesterly thru the Conservation Area. This blockage causes water to sit in the pipe long after rainfall events have ended and essentially reduces the volume of water this storm sewer can carry during any type of rainfall event. Because this storm sewer services a very large drainage area, it was recommended that this channel be professionally cleaned in FY19/20. Evaluating this project even further it was determined that efforts could be made by Public Works staff with assistance and cooperation from The Land Conservancy to remove tree stumps and other items that have settled on top of the existing grade. If more work is required to change the existing grade, permits will have to be obtained in order to assure there is no negative impact on the wetland. Funds in FY19/20 will pay for sewer cleaning and any charges imposed by The Land Conservancy for assistance.



General Corporate Former TIF

**CIP Document
FY20/21-FY29/30**

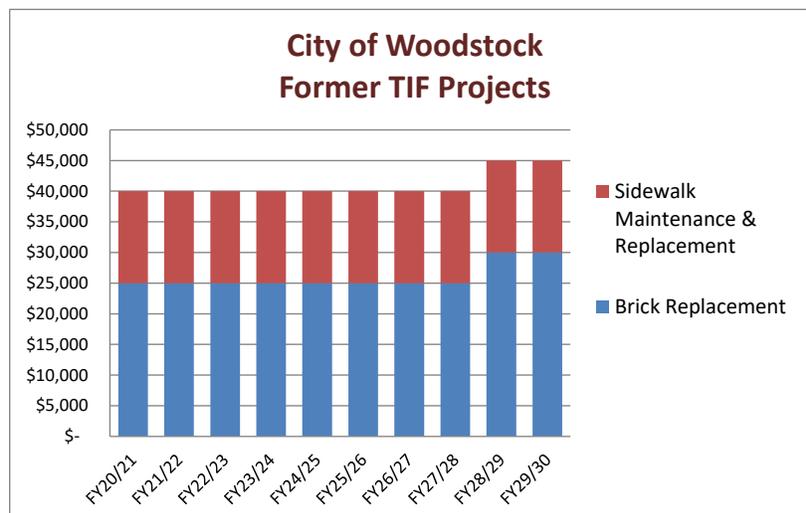
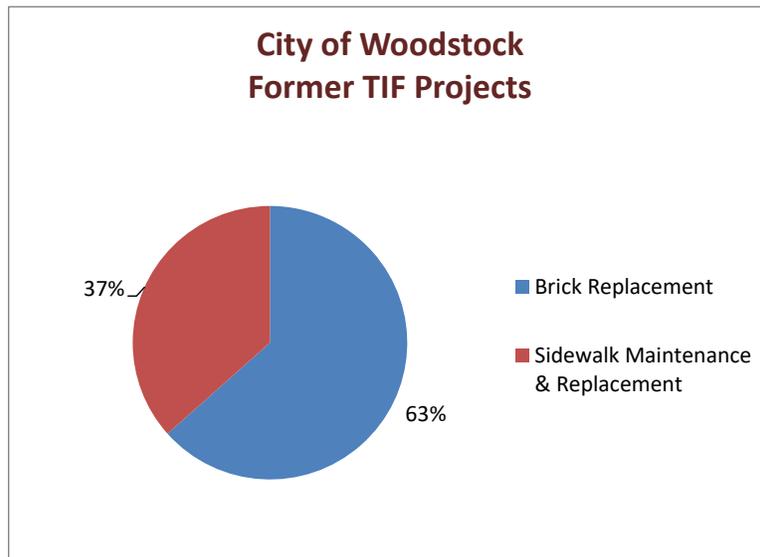
General Corporate – CIP – Former TIF

OVERVIEW

The City created the Woodstock Downtown Tax Increment Financing (TIF) District #1 in April of 1997. TIF property tax increment is only received for 23 years from the establishment of the TIF #1, and this is set to expire in FY21/22.

Currently, the TIF Fund is financing a number of maintenance items that will need to be continued, such as brick replacement, sidewalk maintenance & replacement, and parking lot repaving. Therefore, these items are being transitioned over time to be funded by the General Corporate — CIP Fund. Some of these items are being transferred prior to the expiration of the TIF, since all available funding within the TIF has been allocated, primarily to the Old Courthouse. In this document, the City Administration has identified \$410,000 of former TIF expenses that will need to be paid by the General Corporate — CIP Fund over the next ten-year planning period.

As illustrated in the graphs presented below, Brick Replacement represents 63% of projects funded over the ten-year period.



General Corporate – CIP – Former TIF

General Corporate - CIP Fund Former TIF Expenses	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Former TIF Expenses													
Downtown Brick Replacement	\$ -	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 30,000	\$ 30,000	\$ 260,000
Downtown Sidewalk Maintenance & Replacement	-	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
Total Former TIF Expenses	\$ -	\$ -	\$ 40,000	\$ 45,000	\$ 45,000	\$ 410,000							

TIF – Downtown Brick Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 25,000	FY25/26	\$ 25,000
FY21/22	\$ 25,000	FY26/27	\$ 25,000
FY22/23	\$ 25,000	FY27/28	\$ 25,000
FY23/24	\$ 25,000	FY28/29	\$ 30,000
FY24/25	\$ 25,000	FY29/30	\$ 30,000



FY20/21 thru FY29/30 Project Information

Brick Replacement: TIF property tax is only received for 23 years from the establishment of the TIF, unless the TIF is extended by an act of legislation by the Illinois assembly. The TIF incremental property tax will conclude in FY21/22.

This brick replacement program needs to continue, and as a result, funding will originate from the General – CIP Fund beginning in FY20/21. Funds are requested to continue the annual brick replacement program utilizing an outside contractor focusing on locations where water ponds after rainfall events, areas that are uneven and dangerous to walk on, and areas where bricks are heavily damaged due to age or exposure to the freeze/thaw cycle. In addition to a contracted brick replacement program funds will be used to purchase clay-fired brick for future programs.

Downtown Sidewalk Maintenance & Replacement

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 15,000	FY25/26	\$ 15,000
FY21/22	\$ 15,000	FY26/27	\$ 15,000
FY22/23	\$ 15,000	FY27/28	\$ 15,000
FY23/24	\$ 15,000	FY28/29	\$ 15,000
FY24/25	\$ 15,000	FY29/30	\$ 15,000



FY20/21 thru FY29/30 Project Information

Downtown Sidewalk Maintenance (\$15,000 annually): Even though the TIF funding ends, this sidewalk maintenance program should continue, and as a result, funding will originate from the General – CIP Fund beginning in FY20/21. Through the program, staff completes a review of all concrete surfaces within the TIF district and schedules the appropriate response. Five different construction methods are available for this maintenance, with chosen methods for each area based upon need and the consideration of affected businesses in the TIF district. These methods are mortar repair, mud jacking, crack sealing, concrete grinding, and the physical removal and replacement of damaged concrete, or any combination thereof. \$15,000 is requested for Downtown Sidewalk Maintenance in each fiscal year of the ten-year planning cycle.



General Corporate Unfunded Projects

**CIP Document
FY20/21-FY29/30**

General Corporate – CIP – Unfunded Projects

With all the needs of the City of Woodstock, there are some projects where funding was not able to be secured. While these unfunded projects are still deemed to be important, unfortunately all available funding sources were allocated to other projects that were deemed to be of higher importance.

A grading system of A through C has been assigned to each project in order to give a level of prioritization to each unfunded project. The definition of each grade is as follows:

Priority A - URGENT

Projects which cannot reasonably be postponed. These may be to complete an essential or partially-finished project, or to maintain a minimum level of service in a presently-established City program. In addition, certain projects are required to facilitate the City's ability to achieve compliance with new regulations and laws. Also, any project needed to address an emergency situation.

Priority B - NECESSARY

Projects which should be implemented within a few years to respond to anticipated needs of current City services, or replacement of unsafe or unsatisfactory facility(ies).

Priority C - DESIRABLE

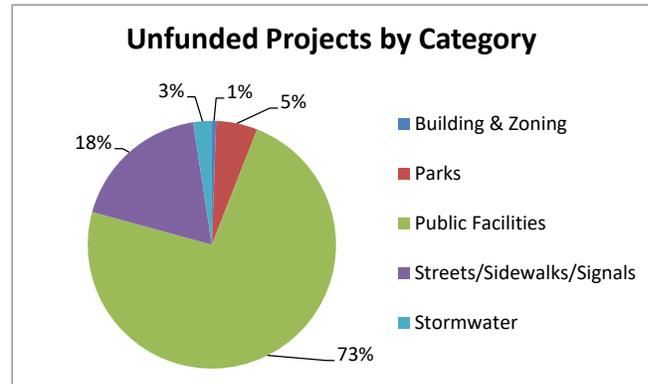
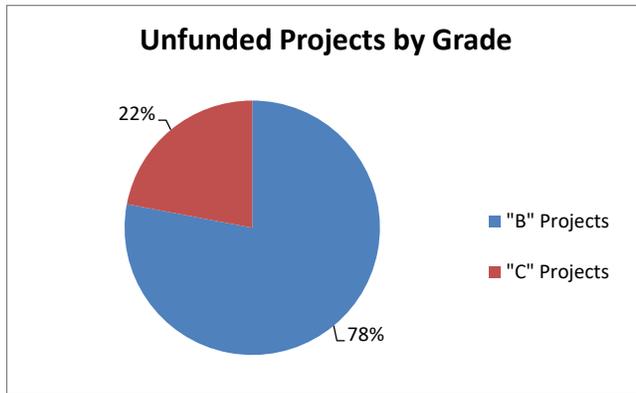
Projects needed for the proper expansion of a City service or facility, the exact timing of which can be deferred until adequate funding sources can be secured.

In the future these projects may become funded once they reach a level of importance where there is adequate funding to pay for the improvement. This can be a result of the project having its level of importance raised, additional funding being secured, and other projects having their level importance downgraded.

It is important to note that all available funds in this CIP document have been allocated with the exception of a small reserve of money. This reserve is established primarily for a number of reasons. First would be to cover emergency repairs that become necessary. Second would be to offer some level of protection against revenue that does not meet projections, and lastly would be to cover projects that exceed cost estimates. Therefore, with the current CIP Budget when a project is raised to a level of being funded, it will almost always be necessary to remove a currently funded project to balance out the plan.

The first pie charts below illustrate the percentage of unfunded projects by grade. As can be seen in the graph, "B" projects make up the majority of unfunded projects at 78%. A second pie chart shows the percentage of unfunded projects by category. Public Facilities make up the largest percentage at 73% with Street/Sidewalks/Signals taking the second spot at 18% of total unfunded projects.

General Corporate – CIP – Unfunded Projects



General Corporate - CIP Fund Unfunded Projects

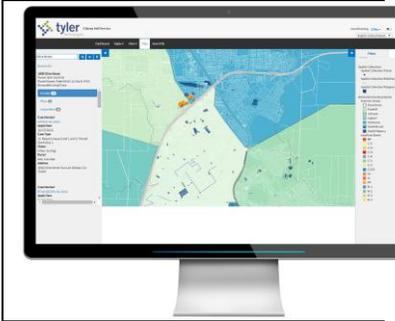
Description	Amount	Grade
Building Permit Software	\$ 75,000	B
New Public Works Facility	\$ 10,000,000	B
Olson Park Splash Pad	\$ 60,000	B
Sidewalk Cost Share Program	\$ 500,000	B
Dean Street Sidewalk	\$ 775,000	C
E. Judd Sidewalk Improvements	\$ 28,000	C
Emricson Park Pond Dredging	\$ 110,000	C
Emricson Park Restrooms	\$ 265,000	C
Halma Lane Stormwater Management	\$ 330,000	C
Recreation Path Maintenance	\$ 300,000	C
Route 47 Crosswalks	\$ 167,400	C
Westwood Lakes Estates- New Sidewalk	\$ 1,028,000	C
Total Unfunded	\$ 13,638,400	

Building Permit Software

Requested Amount	\$ 75,000	Grade	B
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Project Description

The Building and Zoning Department has been using a permit-tracking software program called LAMA since 2009. At that time, the program was relatively new and Department Staff was able to work closely with the vendor to tailor the program to meet some of our specific needs. The software is address-based and keeps track of building permits, backflow inspections and enforcement complaints, and also can sort information for various reports; however, it is not very intuitive or user friendly. Unless you are a frequent user, it can be difficult to easily navigate through the various screens to find permit information.



Department staff discussed the pros and cons of the current LAMA system, and used this to develop and prioritize our wants and needs for new permit tracking software. Several vendors have been contacted and staff is in the process of meeting with them and viewing demos of their capabilities. The estimated costs range from \$50,000 to \$90,000, plus there is an annual maintenance fee that is typically a few thousand dollars. Currently, the LAMA annual fee is approximately \$9,000.

New Public Works Facility

Requested Amount	\$ 10,000,000	Grade	B
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Project Description

If the existing Public Works facility is to serve the City in the future, several improvements to both the existing site and the existing buildings on the site should be completed. If the City were to improve the existing site, it would cost about half as much as it would to relocate the Department and build new. With renewed interest in the development of the Woodstock Station site, the land that the Public Works facility is built upon is too valuable from a planning and development perspective to remain in use. As a result, the City should firm up some sort of plan to relocate the Public Works Department. Because the Sewer and Water Maintenance Division is housed in the Public Works Facility, one third of the costs for maintenance and replacement are generated from the Utility Fund CIP. A new facility is expected to cost as much as \$12 million dollars with \$2.5 million dollars of this expense being generated from the Utility Fund. This type of project would require the issuance of bonds to fund its construction. Estimated timeline for relocation of Public Works is 3-5 years meaning that construction could begin as early as FY23/24.



Olson Park Splash Pad

Requested Amount	\$ 60,000	Grade	B
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Project Description

During the summer season on days the temperature is over 80 degrees, the spray pad feature located at Olson Park is turned on. This feature gives residents and members of the playground program a place to cool down in a park setting.

Currently, this feature is next to a playground structure and material that is installed around the playground features (sand, dirt, mulch) washes into the drain and clogs the system. Additionally, the current water delivery system consists of a simple pipe jetting from the concrete. Current technology and nozzle design can create the same soothing effect while increasing water efficiency protecting this valuable natural resource.



This request is for the construction of a new splash pad and fountain at Olson Park.

Sidewalk Cost Share Program

Requested Amount	\$ 50,000 Annually	Grade	B
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Project Description

Safe and convenient areas for pedestrian traffic are a stated goal in Woodstock’s Vision 2020 plan. This project encompasses either the repair, or removal and replacement of sections of concrete sidewalk and curb. Defined areas of need include broken, sunken, raised, or missing sections of concrete sidewalk and curb. Coupled with related programs such as, Safe Routes to School sidewalk construction, and Sidewalk Maintenance Program in the TIF district, continuing these efforts is a priority with an increase in funding when possible.



In the past, the City administered a 50/50 cost share program with residents to replace sidewalk and/or curb outside of the guidelines listed above. With the current state of City-owned sidewalk, and the backlog of necessary work, the reintroduction of this program would be greatly beneficial to the City, as well as to the safety of pedestrians. Because the City uses the competitive bid process to secure project costs, square foot prices are typically less than a resident can negotiate on their own. Coordination of this program occurs within the Department of Public Works while via an outside contractor for the physical removal and replacement.

Through involvement in this program, a resident can:

General Corporate – CIP – Unfunded Projects

- Have non-hazardous sidewalk replaced with a 50/50 cost share between the City and the property owner
- Have new sidewalk (where there is none) installed at a 75/25 (City/resident) cost share (excludes new construction)
- Have curb and gutter replaced, or have new installed at a 50/50 cost share between the City and the resident (if not currently a curb and gutter street)

The design of the cost share portion of this program lends incentive to property owners that wish to improve concrete adjacent to their residence that may not meet the requirements for City maintenance, thereby enhancing the home’s overall aesthetics. The final cost for administration of this program is entirely dependent upon the level of participation from residents on a year to year basis, but on average, historical data shows it costs between forty and sixty thousand dollars.

Dean Street Sidewalk to Apple Creek

Requested Amount	\$ 775,000	Grade	C
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Project Description

Woodstock Community Unit School District 200 provides bus transportation to students attending school in the Apple Creek subdivision that live north of US Route 14. However, some students still opt to walk or ride a bicycle to and from school along Dean Street. This particular section of road between US Route 14 and Hercules Road is a non-curb and gutter street with speed limits up to 50 mph resulting in parental requests for construction of sidewalks to and from school.



A portion of this street is outside the City’s jurisdiction requiring the preparation of a joint agreement between the City and Dorr Township to complete necessary improvements. In addition, this segment of roadway allows for public roadway use by “prescription,” defined as the extended use of a piece of land for a certain length of time by the public, absent the owner’s consent, and therefore, includes no dedicated right of way. As a result, it is necessary for the City to obtain dedicated right of way and/or new easements specifically allowing public access and pedestrian sidewalk prior to construction.

Proposed improvements include construction of new sidewalk or paved path along one side of Dean Street, including necessary ditch excavation, right of way grading, and the installation of culvert pipes to accommodate storm water drainage. Requested funds do not include any pedestrian crossing improvements across US Route 14.

If funded, the project would include the negotiation of an intergovernmental agreement with Dorr Township in FY22/23, design engineering and acquisition of easement and/or rights of way in FY23/24 (est. \$100,000), obtaining applicable IEPA and Army Corp permits documenting wetland impact in FY22/23 (est. \$50,000) and FY23/24 (est. \$50,000), and realized construction (est. \$575,000) in FY24/25.

Emricson Park Pond Dredging

General Corporate – CIP – Unfunded Projects

Requested Amount	\$ 110,000	Grade	C
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Project Description

Emricson Park is the largest recreational park in the City of Woodstock. This park has the following facilities available to the public: softball fields, soccer fields, basketball courts, recreation path, open play fields for soccer and football, a sledding hill, fishing ponds, picnic areas, recreational playground areas, and an aquatic center.



The ponds at Emricson Park provide recreation for summer and winter sports as well as providing an attractive natural feature for the enjoyment of our residents. Visual inspection indicates the ponds are silting in, which is impacting water quality, wildlife habitat, and the overall appearance of the water features. The two ponds at Emricson should be cleaned and dredged to preserve the facilities and provide a sustainable recreational area for all to enjoy. The majority of this project cost will be spent on the disposal of the sediment and silt that is recovered by the dredge.

Emricson Park Restrooms

Requested Amount	\$ 265,000	Grade	C
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Project Description

Emricson Park, Bates Park, and Merryman Fields Park are the three sites within the City that host the greatest volume of competitive baseball and softball games. According to the user groups, visiting sports teams and spectators are very impressed with Woodstock's parks and sports fields, but one comment that continues to surface is the lack of indoor restroom facilities.



The City is reluctant to construct bathroom facilities within its park system because of history related to vandalism and the City's constant effort to keep them in service. Restroom facilities were removed at Raintree Park and A.J. Olson Park because fixtures and interior walls were being vandalized regularly creating an exorbitant amount of material and labor costs to keep them open and suitable for use. Existing facilities at Emricson Park and Bates Park receive vandalism in the form of graffiti, loose or broken fixtures and plugged toilets & sink drains.

Although it is the desire of park user groups to construct permanent washroom facilities at major ballfield sites, there are a large number of improvements within the park system that compete for the same funds. It is recommended that the City hire an architectural firm to evaluate the park, prioritize a location for a facility, and create a design for new bathroom facilities in Emricson Park. This will provide the City with some real numbers

that it can use to plan for the improvement. In the meantime, it is recommended that the City continue to use portable toilets serve park patrons throughout the summer months.

Halma Lane Storm Water Management

Requested Amount	\$ 330,000	Grade	C
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Project Description

For many years, the right-of-way on Halma Lane has served as part of the retention/ detention pond during wet periods and/ or periods of intense rainfall in a short duration. The water level in the pond increases to a point that it overtops the road. Depending upon the event, the road or a portion of it might stay covered for a number of days or weeks. Despite the high water level in the pond, no residences have reported water damage during any of these events nor do we believe storm water is entering the sanitary sewer system.



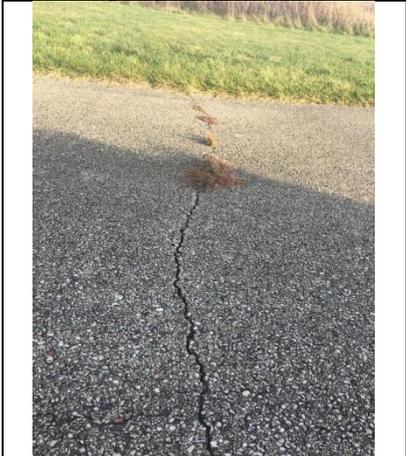
In order to fix this problem, approximately 840' of 24 inch storm sewer needs to be installed at the east end of the basin so that the discharge can run northerly and tie into the storm sewer on Berltsum. Some residents on the east end of the pond have had to disclose this basin flooding when they have sold their homes.

Recreation Path Maintenance & Construction

Requested Amount	\$ 300,000	Grade	C
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Project Description

The City has already incorporated recreational paths into many of its park sites. These pathways have proven to be a popular park amenity and residents want to see more of them constructed within neighborhood parks, nature areas, and new residential developments. The City does require developers to plan and totally fund the construction of recreational paths within each new neighborhood, i.e. The Fields of Woodstock, Banford Oaks, Apple Creek, Sweetwater, and Sonatas.



Not unlike city streets and sidewalks, paved recreation paths, paths over wetlands, and passive pathways require maintenance and funds should be set aside annually for this work. For path maintenance, it is recommended that \$25,000 be approved annually for a period of five years to systematically address these needs.

It is also recommended that funds be set aside for new recreation path construction specifically at the Haydn Street Park (Sonatas) and the Castle Road Park. Funds are requested to continue the development of the Haydn Street Park via the construction of a recreation path system along the perimeter of the park site to take advantage of its natural features and wildlife areas. This route has been identified to be five tenths (0.5) of a mile long.

The Castle Road Park property will be the home of the Woodstock Community GREENS/ Community gardens project spearheaded by the Environmental Commission. This park site is located along the east side of Castle Road immediately adjacent to the Kishwaukee River and a pathway could take advantage of the vistas that overlook a much larger open space along the Kishwaukee River corridor. It is recommended that \$175,000 be set aside for the construction of recreation paths at these two park sites.

IL Rt. 47 Crosswalks

Requested Amount	\$167,400	Grade	C
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Project Description

The construction of any of the three crosswalks described below is the number one CIP priority for Woodstock’s Transportation Commission. There have been accidents involving pedestrians crossing IL Rt. 47 within the corporate limits of the City of Woodstock. As a result, the City tasked its Consulting Engineers with determining costs to construct crosswalks at key locations along the corridor. The City’s Transportation Commission thought that a mid-block crossing at Calhoun Street should be the highest priority based upon the desire that pedestrians have to access the grocery store. They felt that a crosswalk at a nearby signalized intersection would not be used because it is not a direct route and pedestrians will tend to still take the most direct route. The City should look for grants to help pay for crosswalk construction, and they should also petition McHenry County and the State of Illinois to help fund one of the projects. Fiscal year costs assume that no assistance will be provided and the City would need to pay all associated costs for each project. Costs to construct crosswalks are provided below; however, a \$58 million improvement project on Rt. 47 is planned to begin in FY21/22, so unless the Rt. 47 project stalls or is abandoned, it is not recommended that these projects move forward:



IL Rt. 47 – midblock crossing near Calhoun Street

- Recommend installing crosswalks across the south and east legs of the intersection to keep crosswalks near Calhoun Street to promote usage by pedestrians.
- Recommend installing Rapid Rectangular Flashing Beacons (RRFBS) on the proposed signposts w/ pedestrian crossing signage.
- Recommend the construction of a raised median near the center lane of IL Rt. 47 for use as a refuge island for pedestrians.
- Recommend the installation of a sign post be installed in the median with a pedestrian pushbutton (PPB).
- Recommend advance warning signs for the crossing.
- Recommend AC power to the RRFBS and PPB for reliability.
- Recommend restriping the northwest bound right lane as a right-turn only lane into the nearby right-in/ right-out driveway and the Jewel driveway.

General Corporate – CIP – Unfunded Projects

IL Rt. 47 @ Lake Avenue – estimated cost which includes design and construction engineering services

- Recommend installing crosswalk across the south and east legs of the intersection in order to keep crossings short and keep the new stop bar locations close to the intersection.

Will require:

- relocation of the stop bars on south & east legs
- reconstruction of the median surface of the southeast corner island
- installation of a new pole with a pedestrian pushbutton and a pedestrian signal head in each of the northeast and southeast quadrants

IL Rt. 47 @ Judd Street/ Irving Avenue

- Recommend installing crosswalks across the south and east legs of the intersection based upon the preferred pedestrian route.

Will require:

- Closing of a driveway at the northeast corner of the intersection
- Re-grading and extension of an existing storm sewer will be needed to in the southeast corner to accommodate ramps and sidewalk extension
- A new post for a pedestrian pushbutton will be needed in the southwest corner
- In the southeast corner, one pedestrian pushbutton and signal head can be installed on the existing pole but the other pedestrian pushbutton and signal head will need a new post. In the northeast corner, the pedestrian pushbutton and signal head should be installed on the existing signal pole.
- New conduits will need to be run from new poles to the nearest existing handholes.
- Sidewalk will need to be extended to the south to match the existing sidewalk at the Jewel driveway.

IL Rt. 47 @ Country Club Road – estimated cost which includes design and construction engineering services

- Recommend installing crosswalk across the north & east legs of the intersection based on the proximity of the existing sidewalk to which new connections will be made while keeping crosswalks as short as practical.

Will require:

- relocation of the stop bar on the north leg
- existing curb ramps in the northeast corner need to be rebuilt to meet current ADA standards

Westwood Lakes Estates – New Sidewalk

Requested Amount	\$ 1,028,000	Grade	C
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Project Description

In 2018, a resident of the Westwood Lakes Estates development made a request for the construction of new sidewalk along the perimeter of the development where none currently exists. The requester stated that steep hills and sharp curves pose a safety risk for pedestrians and in particular elementary school students who walk from their homes to Westwood Elementary School. School bus service is not provided between the neighborhood and the school. Areas within Dominion Heights and Westwood Unit 3 phases of the Westwood Lakes development were designed with sidewalk, curb & gutter, and storm sewer systems. The early phases of the development Unit 1 and Unit 2 were designed as rural sections with shoulders and ditches to convey storm water. Adding sidewalk in these areas that were originally designed as being rural would require a complete survey of the development, re-design of the existing storm water collection system to include curb & gutter and storm sewers, significant regrading, property acquisition and easements (either temporary or permanent). The steep grades in the development only serve to compound the problem.

For a project similar to the one being suggested, the City could expect to pay \$50/ sq. ft. for new sidewalk based upon the need for the change in the subdivision profile to an urban one (curb & gutter, storm sewer, etc.) bringing the total price tag to more than \$1 million dollars.





Library

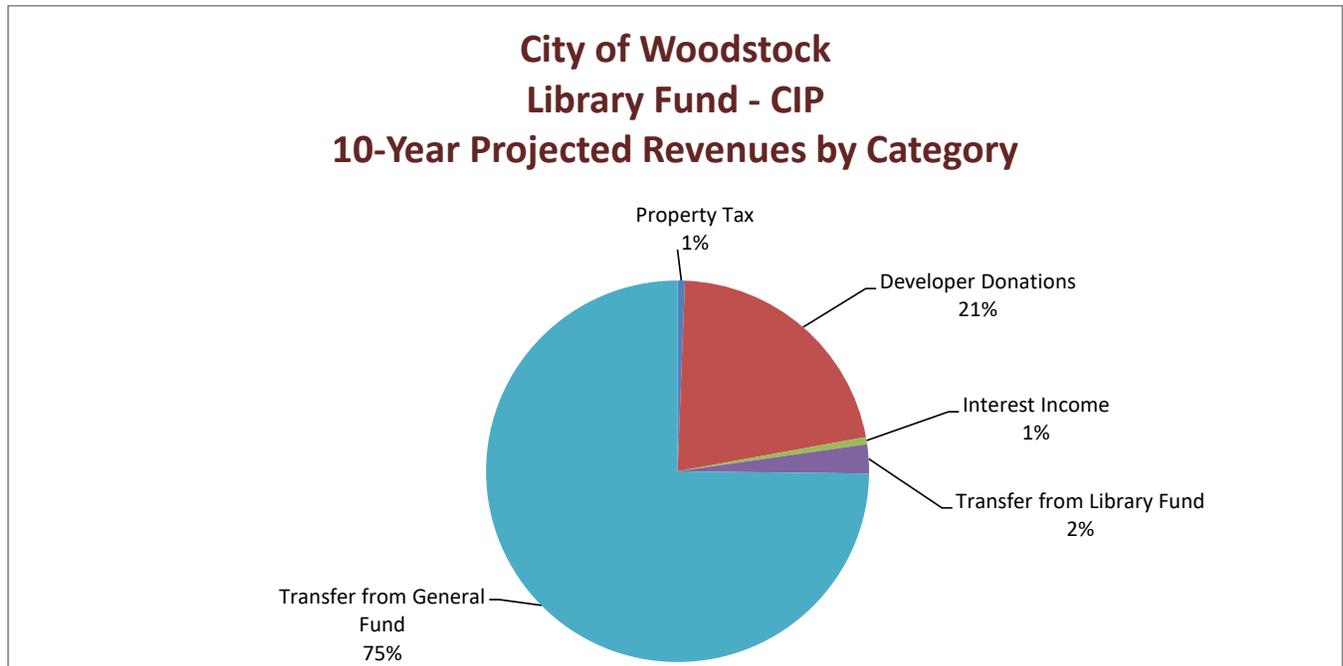
CIP Document FY20/21-FY29/30

Library Fund CIP-Overview

OVERVIEW

The Library is estimating the collection of \$1.6 million in revenues, which will be allocated over the next ten-year period to address the Library's various capital needs. Of this amount, \$1.2 million is forecasted to be generated from the funding previously utilized for the debt payments originally issued to enhance and expand the Library.

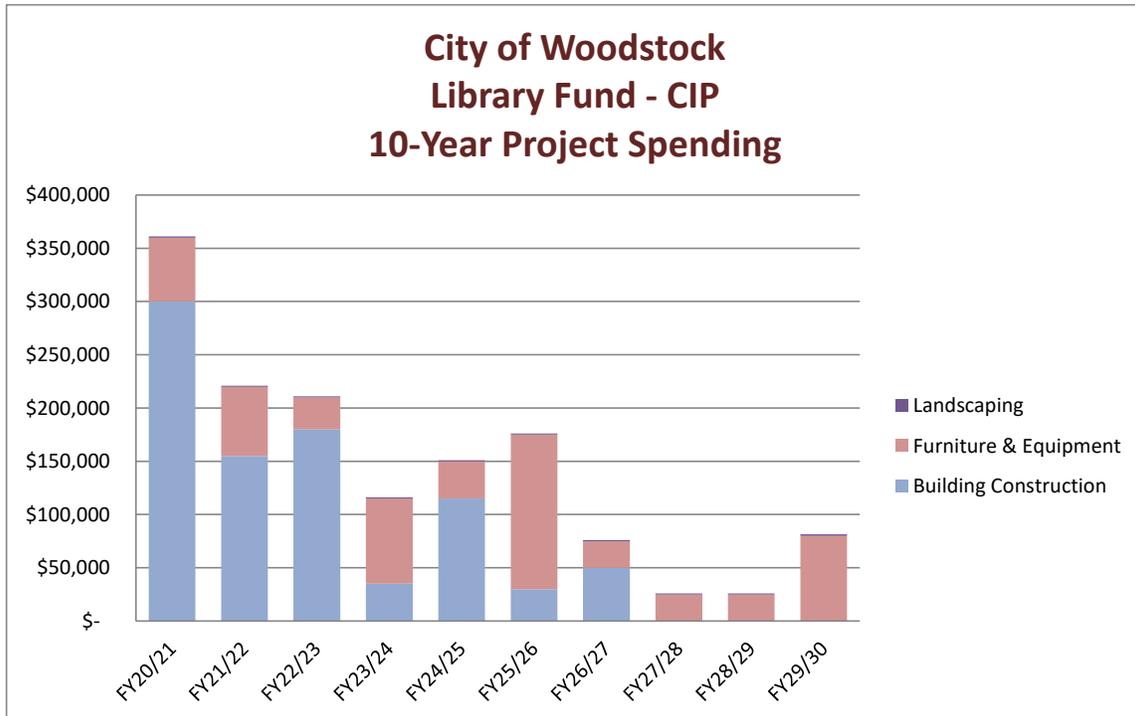
As illustrated in the graph below, the Transfer from the General Fund is projected to be by far the largest source of income over the next ten years.



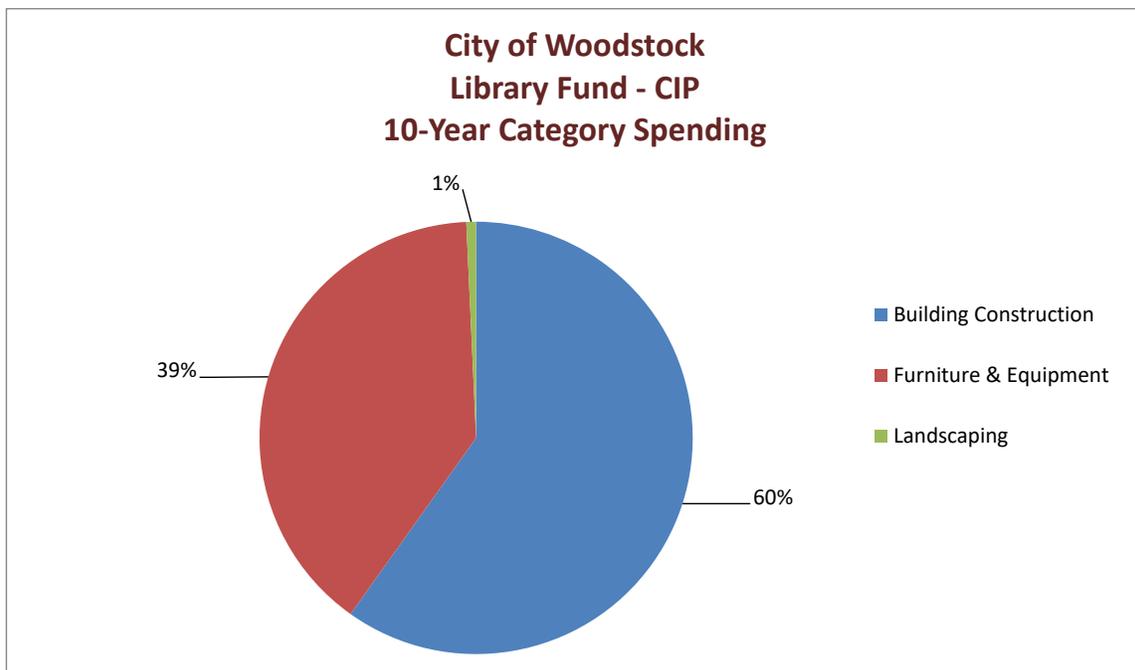
All Library CIP projects are accounted for separately, identical to the other funds of the City (i.e., General, Utility, and TIF). Funding for the Library Building Fund is derived from an annual Building Fund Levy that is approved by the Library Board and City Council. The property tax levy has been in place for a number of years and continues to receive community support. Also, proceeds from capital expansion fees provide a consistent, albeit reduced, revenue stream to this Fund, as well. The continuing receipt of these revenues is required by State Statute to be used exclusively for land acquisition, as well as building and capital expenditures.

Library Fund CIP-Overview

The proposed FY20/21 – FY29/30 Library Fund CIP, as presented, identifies \$1,445,500 in spending for projects to be funded over the next 10 years. They are broken out by year as follows:

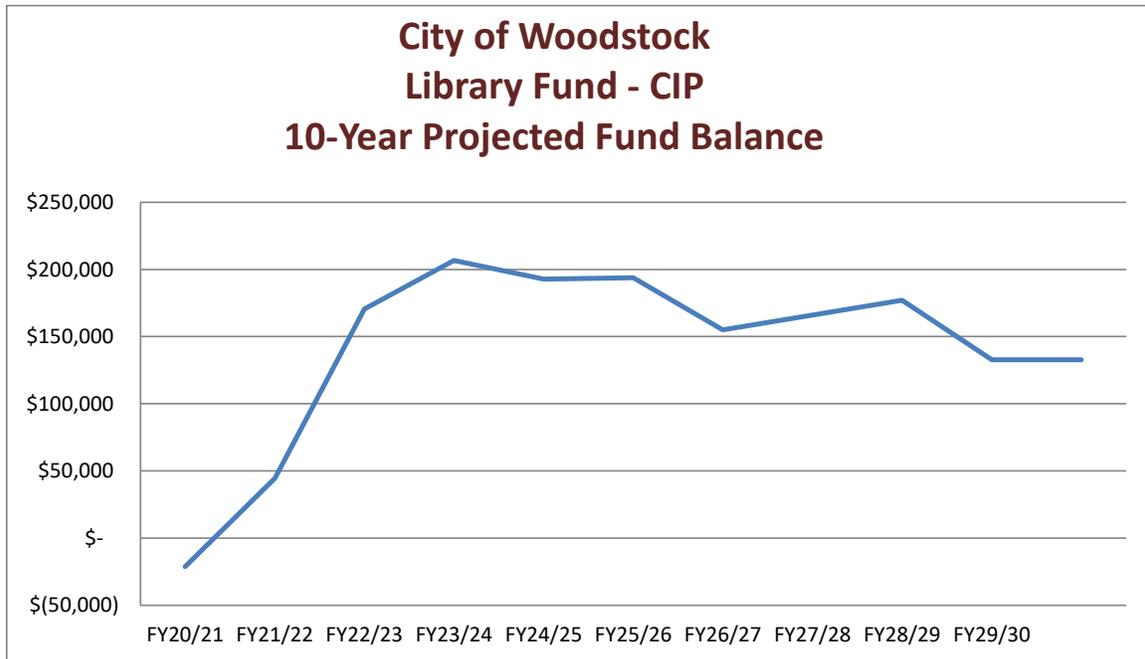


The following chart illustrates the proposed projects for the ten-year planning period by category. As can easily be identified, Building Construction represents the largest category of proposed spending for the Library - CIP Fund.



Library Fund CIP-Overview

As outlined below, the remainder of the revenues that are received annually to support the Library Building Fund CIP are retained and are accumulated as fund balance to be used in the future for acquisition of land to expand and/or construct additional Library facilities. In this way, the City is able to reduce the amount that needs to be financed and bonded to undertake future improvements. In FY20/21, fund balance will begin in a deficit position, as the Library took advantage of favorable pricing and expedited the installation of two HVAC roof-top units originally planned for future years. In future years, fund balance is expected to increase to \$200,000 by FY23/24 at which point it will fall to \$130,000 by the end of the ten-year planning period.



Library Fund CIP-Revenues/Expenses Table

Library - CIP Fund	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals	
Beginning Fund Balance	\$ 11,200	\$ 11,200	\$ (48,600)	\$ (21,300)	\$ 44,400	\$ 170,500	\$ 206,600	\$ 192,700	\$ 193,800	\$ 154,900	\$ 166,000	\$ 177,100	\$ (48,600)	
REVENUES														
TAXES														
Property Tax	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	10,000
TOTAL TAXES	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 10,000
FEES														
Developer Donations	\$ 30,000	\$ 8,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 350,000
TOTAL FEES	\$ 30,000	\$ 8,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 350,000
OTHER														
Interest Income	\$ 1,100	\$ 300	\$ 300	\$ 700	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 9,800
TOTAL OTHER	\$ 1,100	\$ 300	\$ 300	\$ 700	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 9,800
TRANSFERS (TO)/FROM OTHER FUNDS														
Transfer from Library Fund	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Transfer from General Fund	312,000	312,000	312,000	250,000	300,000	115,000	100,000	140,000	-	-	-	-	-	1,217,000
Transfer to Library Debt Service	(47,100)	(47,100)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL TRANSFERS (TO)/FROM OTHER FUNDS	\$ 304,900	\$ 304,900	\$ 352,000	\$ 250,000	\$ 300,000	\$ 115,000	\$ 100,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,257,000
TOTAL REVENUES	\$ 337,000	\$ 314,200	\$ 388,300	\$ 286,700	\$ 337,100	\$ 152,100	\$ 137,100	\$ 177,100	\$ 37,100	\$ 37,100	\$ 37,100	\$ 37,100	\$ 1,626,800	
EXPENSES														
CAPITAL OUTLAY														
Building Construction	\$ 226,000	\$ 311,300	\$ 300,000	\$ 155,000	\$ 180,000	\$ 35,000	\$ 115,000	\$ 30,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 865,000
Furniture & Equipment	105,000	61,700	60,000	65,000	30,000	80,000	35,000	145,000	25,000	25,000	25,000	80,000	570,000	
Landscaping	1,500	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,500	10,500	
TOTAL CAPITAL OUTLAY	\$ 332,500	\$ 374,000	\$ 361,000	\$ 221,000	\$ 211,000	\$ 116,000	\$ 151,000	\$ 176,000	\$ 76,000	\$ 26,000	\$ 26,000	\$ 81,500	\$ 1,445,500	
TOTAL LIBRARY BUILDING FUND EXPENSES	\$ 332,500	\$ 374,000	\$ 361,000	\$ 221,000	\$ 211,000	\$ 116,000	\$ 151,000	\$ 176,000	\$ 76,000	\$ 26,000	\$ 26,000	\$ 81,500	\$ 1,445,500	
NET INCREASE (DECREASE)	\$ 4,500	\$ (59,800)	\$ 27,300	\$ 65,700	\$ 126,100	\$ 36,100	\$ (13,900)	\$ 1,100	\$ (38,900)	\$ 11,100	\$ 11,100	\$ (44,400)	\$ 181,300	
Ending Fund Balance	\$ 15,700	\$ (48,600)	\$ (21,300)	\$ 44,400	\$ 170,500	\$ 206,600	\$ 192,700	\$ 193,800	\$ 154,900	\$ 166,000	\$ 177,100	\$ 132,700	\$ 132,700	

Property Tax-Library

FY19/20 Budget		\$ 1,000	
FY19/20 Projected		\$ 1,000	
<hr/>			
FY20/21	\$ 1,000	FY25/26	\$ 1,000
FY21/22	\$ 1,000	FY26/27	\$ 1,000
FY22/23	\$ 1,000	FY27/28	\$ 1,000
FY23/24	\$ 1,000	FY28/29	\$ 1,000
FY24/25	\$ 1,000	FY29/30	\$ 1,000

Revenue Description

Property taxes can be levied specifically to be used for Library building purposes. For tax year 2018, these funds were collected and reported in FY19/20. Beginning with the 2017 levy, it was decided to reallocate a large portion of the Library Building Fund’s property tax levy to the Library Fund. By reallocating these funds, this gives the Library more flexibility in the use of these funds. The Library Fund revenues can be used for any Library purpose, including Library Fund expenses, whereas Library Building property tax levy can only be used for the Library building. A small amount will continue to be levied to preserve the Library’s ability to levy this line item in the future should the need arise.

Developer Donations

FY19/20 Budget		\$ 30,000	
FY19/20 Projected		\$ 8,000	
<hr/>			
FY20/21	\$ 35,000	FY25/26	\$ 35,000
FY21/22	\$ 35,000	FY26/27	\$ 35,000
FY22/23	\$ 35,000	FY27/28	\$ 35,000
FY23/24	\$ 35,000	FY28/29	\$ 35,000
FY24/25	\$ 35,000	FY29/30	\$ 35,000

Revenue Description

Library Developer Donations are charged on the construction of new residential development. This charge is to cover the cost that these new residents will have on the Library building, especially as it relates to having to expand the building or adding a branch Library in the future to serve a larger population.

Interest Income

FY19/20 Budget		\$ 1,100	
FY19/20 Projected		\$ 300	
<hr/>			
FY20/21	\$ 300	FY25/26	\$ 1,100
FY21/22	\$ 700	FY26/27	\$ 1,100
FY22/23	\$ 1,100	FY27/28	\$ 1,100
FY23/24	\$ 1,100	FY28/29	\$ 1,100
FY24/25	\$ 1,100	FY29/30	\$ 1,100

Revenue Description

Money that is on hand before being used for a Library Building Fund project is invested and the interest revenue from this investment is recorded as other revenue in the Library Building Fund.

Transfer from Library Fund

FY19/20 Budget		\$ 40,000	
FY19/20 Projected		\$ 40,000	
<hr/>			
FY20/21	\$ 40,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0

Revenue Description

In FY19/20, \$40,000 will be transferred from the Library’s Operating Budget to the Library Building Fund to offset the anticipated shortfall caused by lower Developer Donations combined with unexpected repair costs. As part of her estate, Margaret Marchi bequeathed over \$300,000 to the Library for future Library development and projects. In FY20/21, the Library will use \$40,000 of these restricted funds for the development of its A/V Lab and Studio space.

Transfer from General Fund

FY19/20 Budget		\$ 312,000	
FY19/20 Projected		\$ 312,000	
FY20/21	\$ 312,000	FY25/26	\$ 140,000
FY21/22	\$ 250,000	FY26/27	\$ 0
FY22/23	\$ 300,000	FY27/28	\$ 0
FY23/24	\$ 115,000	FY28/29	\$ 0
FY24/25	\$ 100,000	FY29/30	\$ 0

Revenue Description

In FY18/19, the City retired \$3,650,000 in GO debt from the construction of the Library expansion in 2000. As a result, in FY19/20-FY25/26 a portion of the previous debt payment on the GO debt will be transferred to the Library Building Fund to address significant building needs. This transfer will decrease over time as the building's needs are addressed.

Transfer to Library Debt Service

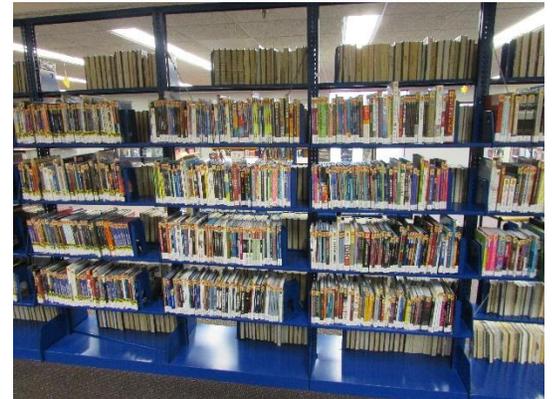
FY19/20 Budget		\$ 47,100	
FY19/20 Projected		\$ 47,100	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0

Transfer Description

Each year, money is transferred to the Library Debt Service Fund to pay the principal and interest for the Alternate Revenue Bonds issued as part of the Library’s remodeling and expansion in 2001. The final payment was completed in FY19/20 and the debt has been retired.

Building Construction

FY19/20 Budget		\$ 226,000	
FY19/20 Projected		\$ 311,300	
FY20/21	\$ 300,000	FY25/26	\$ 30,000
FY21/22	\$ 155,000	FY26/27	\$ 50,000
FY22/23	\$ 180,000	FY27/28	\$ 0
FY23/24	\$ 35,000	FY28/29	\$ 0
FY24/25	\$ 115,000	FY29/30	\$ 0



FY19/20 Status Update

Shelving (\$8,000): Additional shelving to accommodate growth in several library collections is needed. This will be a mix of wood and steel shelves. The library is currently at, or beyond, recommended maximum capacity in a number of areas in the facility, including Large Print books, Young Adult materials and the DVD collection. This shelving was originally scheduled for FY18/19, but this purchase was postponed due to the HVAC and roof repair costs in that year.

HVAC Replacements (\$197,900): Originally, only one of the four HVAC units on the roof were scheduled for replacement in FY19/20. However, excellent pricing allowed the library to replace three of the four units this year. The remaining unit has required little or no attention over the years, in contrast with the other three which have required extensive repairs.



HVAC Control System (\$11,600): With the addition of two additional HVAC replacements in FY19/20, it became necessary to also update the HVAC Control System to make sure the new units could communicate with each other and that staff had the ability to monitor and adjust the new units. A system designed to work with the new units was selected and was installed by Sherman Mechanical, the same company that installed the new HVAC units.



Lighting Upgrades (\$27,000): Portions of the facility have been upgraded to LED lighting, but the majority of the building is utilizing T8 fluorescents and relies heavily on up lighting. This has resulted in the amount of illumination in the library declining over time. Due to good pricing, and rebates that will be expiring soon, this project was consolidated into this fiscal year alone, instead of being spread over three years.

Office Remodel/Creation (\$25,000): The English as a Second Language (ESL) lab will be moved downstairs into a new space, next to the existing Spanish language collection. This is a much more logical location for the ESL lab, and also allows the library to convert the old ESL space into another office space. This is badly needed as we currently have three reference staff members sharing an office space barely big enough for two employees.

Library Fund CIP – Funded Projects

Staff Workroom Remodel (\$0): The main staff work area was designed in 2001. With the changes in technology and associated work flows, there was a need to redesign and upgrade this space. With Stephanie Palmer as the point person, the staff was able to reorganize/update the space to eliminate most of the overcrowding by making use of underutilized space in other areas.

Emergency Exit in Children’s (\$30,000): During our Active Shooter training with the Woodstock Police Department, staff did a walk-through of the building and several improvements were identified. There are a few areas where an emergency exit can be added; however, it will require some architectural and engineering insight as it will change both the inside and outside aesthetics of the facility.



Painting/Staining (\$10,000): The library has included painting/staining in the City’s CIP for a number of years. Originally, the entire building, interior and exterior, was scheduled to be painted/stained in FY19/20 at an estimated cost of \$35,000. However, the installation of additional HVAC units required some projects to be delayed. The most needed repairs/repainting will still be completed this year, but the majority of the work will be postponed until FY21/22.

Sound Dampening (\$800): The Rotunda is a beautiful and popular space, but it is loud because of its shape and design. Sound dampening will improve the acoustics significantly.

FY20/21 Project Information

Flat-Roof Membrane Replacement (\$300,000): The majority of the library’s roof, approximately 30,000 square feet, is a flat surface with a membrane installed. These have a 25-year life expectancy. Our membrane will only be 21-years old in FY20/21; however, it has seen more wear and tear than most roof membranes due to the unfortunate failing of the shingled roof areas and subsequent need to replace that roofing in FY15/16. Repairs to the existing roof are averaging over \$10,000 annually. With the installation of the new HVAC units in FY19/20, we can move ahead with this project earlier than originally anticipated, saving on repair costs and further interior degradations due to water infiltration. Flat roof replacements are currently ranging from \$6 to \$10 per square foot, so the \$300,000 is a “worst case” estimate. Hopefully, the actual price will be lower.



FY21/22 Project Information

Rotunda Sealing/Replacement (\$30,000): The Rotunda has a unique, copper roof that appears to have been designed with too shallow of a pitch and which suffers from occasional water infiltration. Originally, repairing/replacing the roof was scheduled as part of the shingle replacement project in FY15/16; however, costs proved to be prohibitive. Temporary measures have been adequate, but the roof does need to be addressed permanently.



Carpeting Repair/Replacement (\$25,000): The carpet in the library has held up well, but by FY21/22 it will be 20+ years old. Many areas of low usage may not need replacement, but the areas of heavy use will definitely need replacing. The library can do some of this with extra carpeting currently in storage, so most of the cost is to cover labor.



Painting/Staining (\$25,000): Funding is requested for a complete repainting of the library, as well as an exterior staining of the cedar siding. The areas in most need of attention will

Library Fund CIP – Funded Projects

have been repainted in FY19/20, so this project will cover the remainder of the building.

Bathroom remodeling (\$75,000): The downstairs bathrooms in the library are from the 1987 construction and have never been upgraded or updated. They are sorely in need of remodeling, including replacing all the plumbing and electrical fixtures with energy efficient versions, retiling the entire space, and replacing the existing bathroom stalls. If there is money remaining, the bathrooms on the main floor also need some cosmetic improvements and repairs.



FY22/23 Project Information



Basement Air Handler (\$100,000): In addition to the four rooftop units, there is another air handler in the basement of the old (1987) building, which handles air flow for that portion of the building. This unit will be over 40-years old in FY22/23, and while it is inside, providing a longer lifespan, it is also in need of replacement.

HVAC Units Replacement (\$80,000): This represents the replacement of the final unit of the four rooftop units installed during the 2001 building project. This unit may cost more than the first three due to inflation, as well as any costs to add it to the current

control system.

FY23/24 Project Information

Front door: The library's front door continues to be a sporadic source of trouble, both with the automatic door sensor and the mechanical properties of the door itself. This project will explore possible options for replacing/upgrading the front entryway.



Carpeting Repair/Replacement: This project will replace all carpet not replaced in FY21/22. The carpet in the library has held up well, but by FY23/24 it will be 20+ years old.

FY24/25 Project Information

Future Building Developments (\$100,000): There is no way to know what the state of libraries will be in seven years; however, it is likely that we will need to redevelop/upgrade a variety of resources and physical spaces in the library. There is also the possibility of needing to begin developing the library space at Woodstock North High School.

Shelving (\$15,000): Given current trends, there will be a need for additional shelving in several areas of the building by the end of FY24/25. In addition to purchasing the shelving, finding room to install the new shelving units will be a challenge.

FY25/26 Project Information

Painting/Staining (\$30,000): In FY25/26, it will have been seven years since the last painting and staining of the building. Staining of the cedar portions of the building is recommended every 6-8 years.

Library Fund CIP – Funded Projects

FY26/27 Project Information

Reconfiguring Electrical/Lighting (\$50,000): The library building is 43,000 square feet of space and yet the vast majority of that space is controlled by four light switches. This makes it impossible to dim some of the upstairs lights without also turning off lights in a downstairs portion of the building.

Furniture and Equipment

FY19/20 Budget		\$ 105,000	
FY19/20 Projected		\$ 61,700	
FY20/21	\$ 60,000	FY25/26	\$145,000
FY21/22	\$ 65,000	FY26/27	\$25,000
FY22/23	\$ 30,000	FY27/28	\$ 25,000
FY23/24	\$ 80,000	FY28/29	\$ 25,000
FY24/25	\$ 35,000	FY29/30	\$ 80,000



FY19/20 Status Update



New Tables (\$6,700): New, lighter, more adaptable tables, with casters, have been purchased and both the Library's patrons and its staff have expressed approval for the upgrade.

New/Reupholstered Chairs (\$30,000): There are over 50 upholstered chairs in the Library, all of them 20 or more years old by FY19/20. Though they have worn well, they are very definitely worn and need to be reupholstered and/or replaced. Additionally, there are over 100 wooden chairs, many of which need to be replaced or repaired, and a variety of staff chairs, benches and other furniture that needs repair or replacement. This project will, hopefully, be started in FY19/20, but it likely will not be completed until FY21/22.



3D Printer/Audio-visual Lab and Studio (\$0): This project was moved to FY20/21. The move was made partly as a budgetary adjustment due to extra costs in the Building Construction line of the CIP, and partly as recognition that additional planning needs to take place before this new space is created. Staff investigation of other, similar, lab/studio spaces indicated that more planning would ensure the project met the needs intended in the most efficient manner possible.



Computer Replacement (\$20,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

Library Fund CIP – Funded Projects

Digital Archiving Software (\$5,000): Thanks to a generous gift from Maggie Crane, we have accelerated our planned digital archiving project. When completed, we will have digital copies of many of our local history holdings, including the most in demand items and the most fragile items.

FY20/21 Project Information

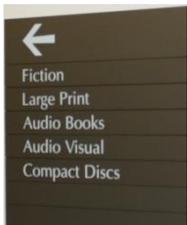
Computer Replacement (\$20,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

Audio-visual Lab and Studio (\$40,000): This project was originally scheduled for FY19/20, but was moved back one year because of a need for greater planning and the shifting of some funding to other projects in FY19/20. The original intent to add a 3-D printer has been changed to focus more strongly on audio-visual technology, both hardware and software. In addition to the hardware and software, there will be a need to reconfigure an appropriate space to accommodate the new technology and a cost associated with the supplies for the new technology.



FY21/22 Project Information

Computer Replacement (\$20,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.



Signage (\$10,000): In FY18/19 the Library redid all of the signage on the shelving units. In FY21/22, most of the other signage will be replaced. This signage has been in place since the facility opened in 2001, and the signs are getting quite worn and, in many cases, are no longer accurate.

New/Reupholstered Chairs (\$10,000): Reupholstering or replacing any remaining chairs that were not able to be included in the FY19/20 project.



Network Updates (\$10,000): There will be a need to replace our wi-fi hotspots, firewall and likely a few other items supporting the Library's IT network by FY21/22.

Laptop Replacements (\$15,000): The Library's technology lab utilizes 14 laptops. These laptops were replaced in FY16/17, so replacing them in FY21/22 will keep them up-to-date and on the newest software.

FY22/23 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

New Chairs (\$5,000): Additional meeting room seating. Our current chairs are holding up well, but we do not have enough to cover all of our event spaces adequately.

FY23/24 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

Library Fund CIP – Funded Projects

New Chairs (\$5,000): Additional training room seating. Our current chairs are holding up well, but we do not have enough to cover all of our event spaces adequately

Network Upgrades (\$50,000): Attempting to forecast technology changes five years into the future is fraught with uncertainty; however, at this time we know that there will be a need to replace a variety of switches, firewalls, servers and other network infrastructure by this point.



FY24/25 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

New Projectors (\$10,000): By the end of FY24/25, the Library's projectors will be six-and seven-years-old. At the pace technology is advancing, there will almost certainly be a need for new projectors in our two meeting rooms.

FY25/26 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

Laptop Replacements (\$20,000): The Library's technology lab utilizes 14 laptops. These laptops were replaced in FY20/21, so replacing them in FY25/26 will keep them up-to-date on the newest software.

Future Furniture/Technology Needs (\$100,000): In six years there will likely be several significant changes or new developments in technology which the Library will need to adopt, or adapt to, and require either new IT infrastructure or new IT devices and hardware—likely both.



FY26/27 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

FY27/28 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

FY28/29 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

FY29/30 Project Information

Computer Replacement (\$25,000): The Library utilizes a five-year replacement cycle for the facility's 98 computers, amounting to approximately twenty computers each year.

Library Fund CIP – Funded Projects

New Tables (\$5,000): In ten years, there will be a need to replace tables throughout the Library. Hopefully, the meeting room tables purchased in FY19/20 will not need to be replaced at that time.



Network Upgrades (\$50,000): Attempting to forecast technology changes ten years into the future is fraught with uncertainty; however, at this time we know that there will be a need to replace a variety of switches, firewalls, servers and other network infrastructure by this point.

Library Landscaping

FY19/20 Budget		\$ 1,500	
FY19/20 Projected		\$ 1,000	
FY19/20	\$ 1,000	FY24/25	\$1,000
FY20/21	\$ 1,000	FY25/26	\$1,000
FY21/22	\$ 1,000	FY27/28	\$ 1,000
FY22/23	\$ 1,000	FY27/28	\$ 1,000
FY23/24	\$ 1,000	FY28/29	\$ 1,500



FY19/20 Status Update

A new lilac tree was planted this year, and the existing beds were weeded and mulched to promote growth.

FY20/21 – FY29/30 Project Information

New plantings and maintenance of existing landscaping.



Tax Increment Financing (TIF)

**CIP Document
FY20/21-FY29/30**

TIF Fund CIP – Funded Projects

OVERVIEW

Tax increment financing is an economic development tool that was provided by State lawmakers more than 40 years ago to assist local governments in attracting private development and new businesses to their respective communities. The TIF district helps public and private investors overcome extraordinary costs that often prevent development and private investment from occurring on environmentally-sensitive and other properties that are at risk of remaining underutilized/underdeveloped for an extended period of time. As a result of this investment, the TIF area is improved and property values increase. TIF property tax is received for 23 years from the establishment of the TIF unless the TIF is extended by an act of legislation by the Illinois Assembly.

Without TIF benefits, a deteriorating area is less likely to improve. Investors do not invest capital into decaying areas and most local governments cannot afford the needed costly improvements without raising taxes. When considering an area for TIF designation, municipal officials must ask the question *"Will the same kind of private investment occur here without an incentive?"* In other words, **"but for"** the establishment of a TIF as a mechanism for providing financial incentives for private investment, would redevelopment occur that is desired by the community?

By action of the City Council, the City of Woodstock Downtown Tax Increment Financing (TIF #1) District was established in April of 1997. Therefore, the current funding for TIF #1 will end in FY21/22. Recently, in January 2019, the City Council established the Downtown and Route 47 Tax Increment Financing (TIF #2) District. In order to transfer property from TIF #1 to TIF #2, the City Council was required to remove the identified properties from TIF #1 in December 2018, prior to the establishment of TIF #2. As a result, the associated base values utilized for TIF #2 related to these properties were reset at that time, and the incremental property taxes have also been shared with the local taxing partners.

This transfer allowed the City to continue its efforts with the redevelopment of several key parcels in the downtown, as well as the ongoing restoration efforts being undertaken with the Old Courthouse. The establishment of TIF #2 has resulted in enhanced interest in the redevelopment of the downtown. Since its inception, the City Council has approved seven (7) Inducement Resolutions (this allows certain due diligence efforts to be completed and reimbursed eventually by the TIF, if an agreement can be reached), as well as five redevelopment agreements, generating \$9.5 million in investment based on \$3.0 million in incentives, which includes a five-story, 30-apartment unit redevelopment.

With TIF #2 in its formative years, the current increment and related property tax generation is difficult to determine at this time. Therefore, the City Administration is proposing to delay developing the ten-year CIP for TIF #2 until next year. At that point in time, the first year of property tax generation will have been determined and any associated incentives can be removed to provide some reliable forecast for future revenue generation that can be dedicated for CIP purposes.

TIF #1 is anticipated to expire in FY21/22, and a number of properties were removed to establish TIF #2; however, sufficient revenues were retained to address the related debt service payments. The major project in TIF #1 was the restoration of the Old Courthouse, which has now been transferred to TIF #2. With the exception of minor programs, such as the Façade Improvement program, which may be funded in the final fiscal year of TIF

TIF Fund CIP – Funded Projects

#1, all major capital spending will be funded in future years by TIF #2. Any remaining funds within TIF #1 will be recommended for transfer to TIF #2 to supplemental future capital improvements.

For the eventual development of the FY20/21 operating budget, the City Administration anticipates the largest capital need, in the early years of TIF #2, and excluding associated incentive payments, will continue to involve improvements to the Old Courthouse. The City Administration has been working with specialized legal counsel and accountants to begin the process to obtain tax credits to facilitate the final and complete restoration of this historical facility. In addition, the City developed and released a Request for Proposals to identify potential commercial tenants for the space, as market-based rents will be required, if the City is to be successful with monetizing these tax credits. The City Administration is currently in the process of reviewing the proposals with the Old Courthouse Advisory Commission. The Commission's recommendations will be forwarded for the City Council's review.



Water & Sewer Capital Improvement Program

**CIP Document
FY20/21-FY29/30**

Water & Sewer Fund CIP-Overview

OVERVIEW

Similar to the Capital Improvement Program recommendations for the General Corporate Fund - CIP, the Utility Fund - CIP requires a balanced, broad-based approach. As in previous years, all of the various elements and aspects of the City's utility infrastructure needs to be considered when preparing the 10-year plan for the Utility Fund. The City needs to consider the projects and funding to properly maintain all of the utility systems on a daily basis, provide compliance with both current and future regulatory standards, provide reliable, quality service to our customers, and at the same time, balance expenses with available revenue. The City must be able to continue to provide daily services while also planning for the future in all areas including water treatment, well capacity, water storage, water distribution, wastewater treatment, sanitary sewer mains, motor pool, maintenance of lift stations, and meter reading.

The Utility Fund's CIP Program consists of both the operating Utility Fund - CIP and the Capacity Fund - CIP and, as such, has historically contained some of the City's largest and most costly CIP projects, from the construction of water and sewer mains to water and wastewater treatment plants. The distinction in separating these funds is, simply stated, that capital improvement projects and the capital costs to maintain or upgrade our current utility infrastructure are included within the Utility Fund - CIP while capital projects and capital costs that are incurred in order for the City to increase the capacity of infrastructure to accommodate new customers and new growth are included within the Capacity Fund - CIP section.

This separation of the capital improvements for the utility systems has accomplished two important goals for the City. First, the City is required to document how it spends any capital expansion fees and the Capacity Fund - CIP section of the City's 10-Year CIP will provide that required documentation. Second, the separation of capacity expansion projects to be funded through payment of new connection fees allows the City to isolate and accumulate those funds in order to work toward the goal of having new development pay for the cost of increasing capacity in the future.

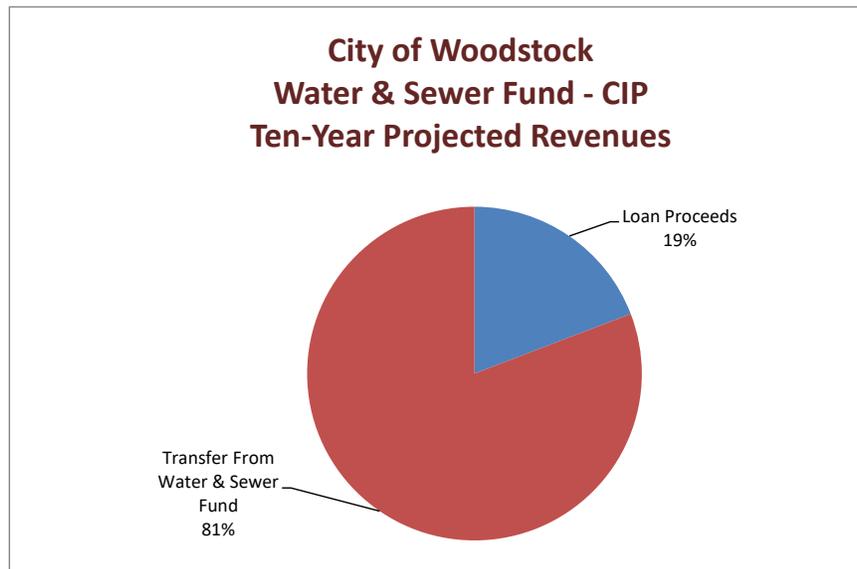
The City of Woodstock has been very successful in achieving both a balanced Capital Improvement Program and, at the same time, using sound management of the Utility Fund's Fund Balance. Woodstock has invested a substantial sum on an annual basis for the proper maintenance and improvement of the utility systems, and this has benefited from the proper planning provided by this 10-year CIP document.

Given the extreme importance of utility infrastructure in all aspects of the community, attention must be given to the proper maintenance of the existing facilities and the daily operation and maintenance of the utility systems to provide reliable service to our customers. This attention to the present must be balanced with the need to prepare for the future by identifying and undertaking improvements that will be needed to improve capacity, compliance, technology, and efficiency of the system to continue to provide the highest quality of service that our customers expect. With the Utility Fund operations, one of the greatest challenges is not only to keep up with the ever-changing regulatory standards and the goal to achieve compliance, but to also anticipate future changes in regulations and treatment standards in advance. Due to the complexity of these regulations, the time required to modify the treatment processes for improved performance, and the time required to accumulate funding, these changes and improvements can take years to implement from start to finish. As a result, the 10-Year CIP becomes critical for the successful operation of the City's utilities.

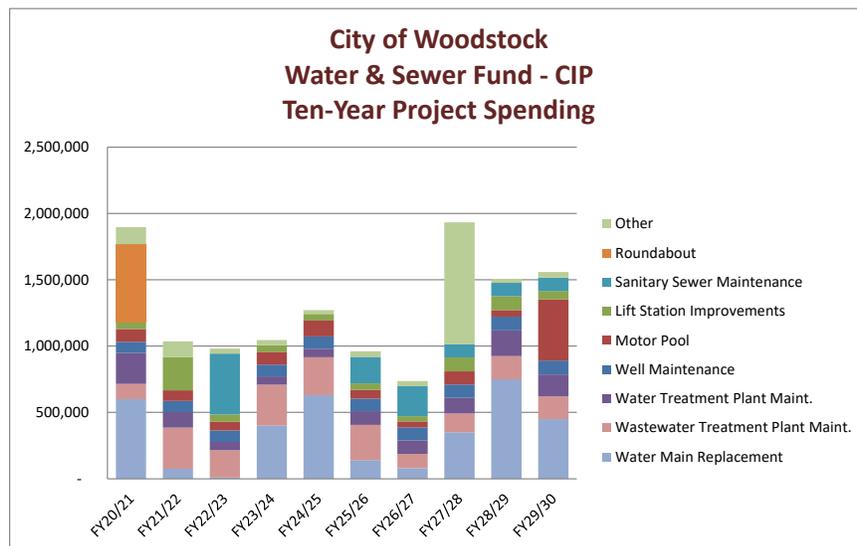
Water & Sewer Fund CIP-Overview

The Water & Sewer Fund is estimating the collection of over \$25.2 million in revenues, which will be allocated over the ten-year period. Of this amount, \$20.3 million is forecasted to be generated from normal operations and transferred over during this period.

As illustrated in the graph below, the Water & Sewer Fund Transfer will represent 81% of the total funding provided for the CIP program. In addition, the Water & Sewer Fund is forecasted to initiate a loan from the Water & Sewer Capacity Fund of \$1.2 million to finance utility improvements for the renovation of the South/Lake/Madison Roundabout. In addition, two separate bond issuances, totaling \$3.6 million, will be required over the ten-year period to fund associated costs for the Route 47 improvements being undertaken by the Illinois Department of Transportation.

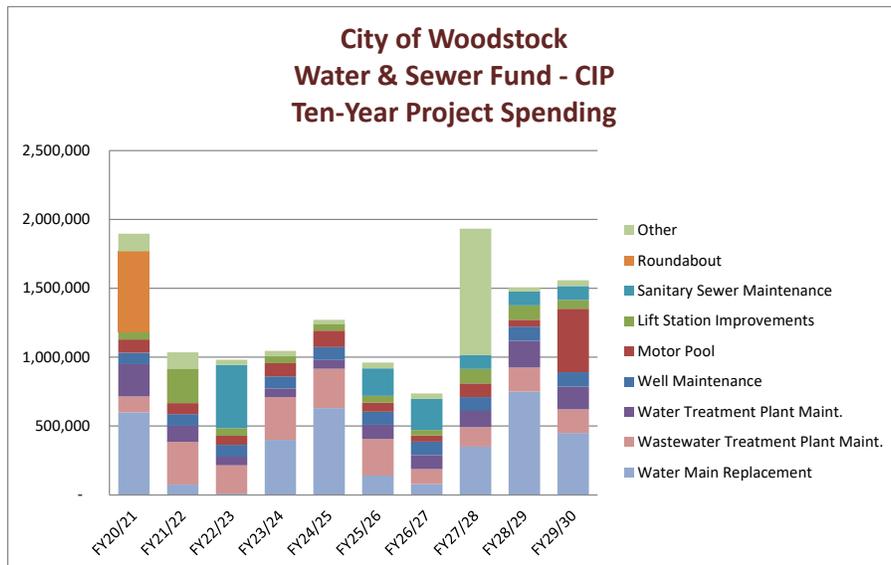


The proposed FY20/21 – FY29/30 Water & Sewer Fund CIP, as presented, identifies \$22.5 million in spending for projects to be funded over the ten-year planning period. They are presented in the graph provided below:

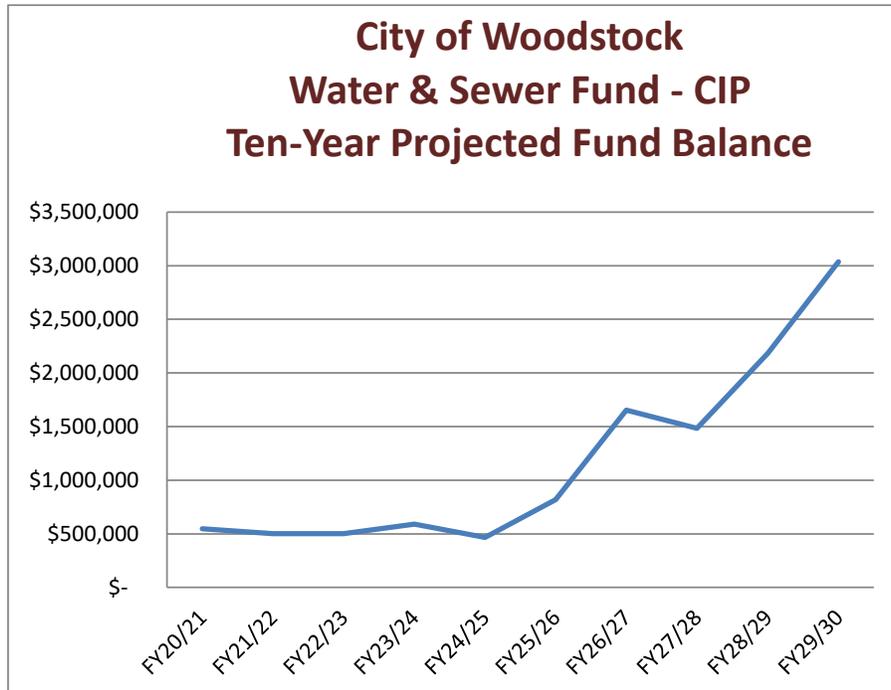


Water & Sewer Fund CIP-Overview

The following chart illustrates the proposed projects for the ten-year planning period. Route 47 Improvement costs represent the largest category of proposed spending for the Water & Sewer - CIP Fund.



As illustrated below, the Water & Sewer Fund’s projected fund balance will vary over the ten-year planning period as a number of major capital improvement projects are completed to improve and enhance the City’s water/sewer systems.



Water & Sewer Fund CIP-Revenues/Expenses

Water & Sewer - CIP Fund	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten-Year Totals
Beginning Fund Balance	\$ -	\$ 427,495	\$ 325,195	\$ 547,395	\$ 501,395	\$ 501,395	\$ 591,695	\$ 465,695	\$ 820,395	\$ 1,653,795	\$ 1,483,795	\$ 2,182,595	\$ 325,195
REVENUES													
OTHER													
Interest Income	\$ 6,000	\$ 6,100	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 40,000
Loan Proceeds	\$ 375,000	\$ 375,000	\$ 1,185,000	\$ 1,820,000	\$ -	\$ 1,820,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,825,000
TOTAL OTHER	\$ 381,000	\$ 381,100	\$ 1,189,000	\$ 1,824,000	\$ 4,000	\$ 1,824,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,865,000
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfer From Water & Sewer Fund	\$ 1,175,000	\$ 1,175,000	\$ 1,308,900	\$ 1,449,500	\$ 1,597,100	\$ 1,752,100	\$ 1,914,800	\$ 2,085,600	\$ 2,265,000	\$ 2,453,400	\$ 2,651,200	\$ 2,858,900	\$ 20,336,500
TOTAL TRANSFERS (TO)/FROM OTHER FUNDS	\$ 1,175,000	\$ 1,175,000	\$ 1,308,900	\$ 1,449,500	\$ 1,597,100	\$ 1,752,100	\$ 1,914,800	\$ 2,085,600	\$ 2,265,000	\$ 2,453,400	\$ 2,651,200	\$ 2,858,900	\$ 20,336,500
TOTAL REVENUES	\$ 1,556,000	\$ 1,556,100	\$ 2,497,900	\$ 3,273,500	\$ 1,601,100	\$ 3,576,100	\$ 1,918,800	\$ 2,089,600	\$ 2,269,000	\$ 2,457,400	\$ 2,655,200	\$ 2,862,900	\$ 25,201,500
EXPENSES													
DEBT													
Bond Fees	\$ 600	\$ 600	\$ 600	\$ 600	\$ 1,200	\$ 1,200	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,200	\$ 1,200	\$ 13,200
2016 Bonds (Principal and Interest)	248,600	248,600	246,600	249,400	246,800	249,000	245,800	247,400	248,600	244,400	-	-	\$ 1,978,000
Capacity Loan 2020 (Principal and Interest)	-	-	7,500	82,500	81,000	79,500	78,000	76,500	-	-	-	-	\$ 405,000
Capacity Loan 2021 (Principal and Interest)	-	-	-	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	\$ 1,188,000
2021 Bonds (Principal and Interest)	-	-	-	-	158,100	158,100	158,100	158,100	158,100	158,100	158,100	158,100	\$ 1,264,800
2023 Bonds (Principal and Interest)	-	-	-	-	-	-	158,100	158,100	158,100	158,100	158,100	158,100	\$ 948,600
TOTAL DEBT	\$ 249,200	\$ 249,200	\$ 254,700	\$ 464,500	\$ 619,100	\$ 619,800	\$ 773,800	\$ 773,900	\$ 698,600	\$ 694,400	\$ 449,400	\$ 449,400	\$ 5,797,600
CAPITAL OUTLAY													
Water Tower Maintenance	-	-	30,000	20,000	20,000	22,000	10,000	24,000	22,000	900,000	12,000	24,000	1,084,000
Well Maintenance & Improvements	83,000	-	83,000	85,000	87,000	90,000	93,000	95,000	97,000	100,000	103,000	105,000	938,000
Water Main Replacement & Construction	340,000	391,000	600,000	75,000	10,000	400,000	630,000	140,000	80,000	350,000	750,000	450,000	3,485,000
Water Meter Replacement Program	130,000	130,000	80,000	80,000	-	-	-	-	-	-	-	-	160,000
Water Treatment Plant Maintenance	155,000	50,000	235,000	117,000	62,000	62,000	64,000	103,000	103,000	118,000	195,000	165,000	1,224,000
Wastewater Treatment Plant Maintenance	81,000	51,200	115,000	310,000	205,000	309,000	286,000	266,000	107,000	142,000	174,000	171,000	2,085,000
Sanitary Sewer Maintenance	235,000	235,000	-	-	460,000	-	-	200,000	225,000	100,000	100,000	100,000	1,185,000
Motor Pool	423,800	444,000	95,000	80,000	65,000	95,000	120,000	65,000	45,000	100,000	50,000	460,000	1,175,000
I & I Improvements	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	180,000
Lift Station Improvements	50,000	50,000	55,000	250,000	55,000	50,000	50,000	50,000	40,000	105,000	105,000	65,000	825,000
RT 47 Improvements	-	40,000	125,000	1,820,000	-	1,820,000	-	-	-	-	-	-	3,765,000
South/Lake/Madison Roundabout	\$ -	\$ -	585,000	-	-	-	-	-	-	-	-	-	585,000
TOTAL CAPITAL OUTLAY	\$ 1,515,800	\$ 1,409,200	\$ 2,021,000	\$ 2,855,000	\$ 982,000	\$ 2,866,000	\$ 1,271,000	\$ 961,000	\$ 737,000	\$ 1,933,000	\$ 1,507,000	\$ 1,558,000	\$ 16,691,000
TOTAL W&S CAPITAL FUND EXPENSES	\$ 1,765,000	\$ 1,658,400	\$ 2,275,700	\$ 3,319,500	\$ 1,601,100	\$ 3,485,800	\$ 2,044,800	\$ 1,734,900	\$ 1,435,600	\$ 2,627,400	\$ 1,956,400	\$ 2,007,400	\$ 22,488,600
NET INCREASE (DECREASE)	\$ (209,000)	\$ (102,300)	\$ 222,200	\$ (46,000)	\$ -	\$ 90,300	\$ (126,000)	\$ 354,700	\$ 833,400	\$ (170,000)	\$ 698,800	\$ 855,500	\$ 2,712,900
Ending Fund Balance	\$ (209,000)	\$ 325,195	\$ 547,395	\$ 501,395	\$ 501,395	\$ 591,695	\$ 465,695	\$ 820,395	\$ 1,653,795	\$ 1,483,795	\$ 2,182,595	\$ 3,038,095	\$ 3,038,095

Interest Income

FY19/20 Budget		\$ 6,000	
FY19/20 Projected		\$ 6,100	
<hr/>			
FY20/21	\$ 4,000	FY25/26	\$ 4,000
FY21/22	\$ 4,000	FY26/27	\$ 4,000
FY22/23	\$ 4,000	FY27/28	\$ 4,000
FY23/24	\$ 4,000	FY28/29	\$ 4,000
FY24/25	\$ 4,000	FY29/30	\$ 4,000

Revenue Description

These amounts represent the interest earned each year on invested Water & Sewer – CIP Fund available funds.

Loan Revenue

FY19/20 Budget		\$ 375,000	
FY19/20 Projected		\$ 375,000	
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FY20/21	\$ 1,185,000	FY25/26	\$ 0
FY21/22	\$ 1,820,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 1,820,000	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0

Revenue Description

A loan from the Water & Sewer Capacity CIP Fund is being made in FY19/20 for the purchase of a vector truck to replace #42, a 2008 vector truck. This loan is to be paid back over six years.

A bond issuance is being proposed in FYFY20/21 in the amount of \$1,185,000 to pay for water and sewer improvements related to the construction of the South/Lake/Madison Roundabout. The loan term is expected to be 20 years.

Bonds are being proposed in FY21/22 and FY23/24 in the amount of \$1.82 million each year for water and sewer relocations and improvements related to the Route 47 road improvements being initiated by the Illinois Department of Transportation

Water & Sewer Fund CIP – Funded Projects

(IDOT). Two separate bond issuances are proposed since the City will contract with IDOT for this work and they will bill the City in two installments. The bonds maturities are each expected to be 20 years.

Transfer from Water & Sewer Fund

FY19/20 Budgeted		\$ 1,175,000	
FY19/20 Projected		\$ 1,175,000	
FY20/21	\$ 1,308,900	FY25/26	\$ 2,085,600
FY21/22	\$ 1,449,500	FY26/27	\$ 2,265,000
FY22/23	\$ 1,597,100	FY27/28	\$ 2,453,400
FY23/24	\$ 1,752,100	FY28/29	\$ 2,651,200
FY24/25	\$ 1,914,800	FY29/30	\$ 2,858,900

Transfer Description

It is being proposed that a transfer from the Water & Sewer Fund be made each year to fund the Water & Sewer CIP Fund. The transfer amount is based on using the current amount and then sharing 50% of the 5% increase that is proposed each year for the next 10 years.

Bond Fees

FY19/20 Budget		\$ 600	
FY19/20 Projected		\$ 600	
FY20/21	\$ 600	FY25/26	\$ 1,800
FY21/22	\$ 600	FY26/27	\$ 1,800
FY22/23	\$ 1,200	FY27/28	\$ 1,800
FY23/24	\$ 1,200	FY28/29	\$ 1,200
FY24/25	\$ 1,800	FY29/30	\$ 1,200



FY19/20 Status Update

Current year fees paid to the City's bond paying agent.

FY20/21 to FY29/30 Project Information

The City is required to pay an annual fee to a Paying Agent that is responsible for insuring that the bondholders receive the City's payment on its outstanding bonds in a timely manner.

Series 2016 Bond Payment

FY19/20 Budget		\$ 248,600	
FY19/20 Projected		\$ 248,600	
FY20/21	\$ 246,600	FY25/26	\$ 247,400
FY21/22	\$ 249,400	FY26/27	\$ 248,600
FY22/23	\$ 246,800	FY27/28	\$ 244,400
FY23/24	\$ 249,000	FY28/29	\$ 0
FY24/25	\$ 245,800	FY29/30	\$ 0



FY19/20 Status Update

The FY19/20 payment was made as required per the Bond Ordinance

Water & Sewer Fund CIP – Funded Projects

FY20/21 to FY27/28 Project Information

The City issued \$1,840,000 in Alternate Revenue Bonds in FY16/17 to partially refund the Series 2008 bonds. The original bonds had been used to finance the modernization/renovation of the First Street Water Treatment Plant.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2019		\$ 36,800	\$ 36,800	
1/1/2020	\$ 175,000	\$ 36,800	\$ 211,800	\$248,600
7/1/2020		\$ 33,300	\$ 33,300	
1/1/2021	\$ 180,000	\$ 33,300	\$ 213,300	\$ 246,600
7/1/2021		\$ 29,700	\$ 29,700	
1/1/2022	\$ 190,000	\$ 29,700	\$ 219,700	\$ 249,400
7/1/2022		\$ 25,900	\$ 25,900	
1/1/2023	\$ 195,000	\$ 25,900	\$ 220,900	\$ 246,800
7/1/2023		\$ 22,000	\$ 22,000	
1/1/2024	\$ 205,000	\$ 22,000	\$ 227,000	\$ 249,000
7/1/2024		\$ 17,900	\$ 17,900	
1/1/2025	\$ 210,000	\$ 17,900	\$ 227,900	\$ 245,800
7/1/2025		\$ 13,700	\$ 13,700	
1/1/2026	\$ 220,000	\$ 13,700	\$ 233,700	\$ 247,400
7/1/2026		\$ 9,300	\$ 9,300	
1/1/2027	\$ 230,000	\$ 9,300	\$ 239,300	\$ 248,600
7/1/2027		\$ 4,700	\$ 4,700	
1/1/2028	\$ 235,000	\$ 4,700	\$ 239,700	\$ 244,400

Capacity Loan Payment-2020

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 7,500	FY25/26	\$ 76,500
FY21/22	\$ 82,500	FY26/27	\$ 0
FY22/23	\$ 81,000	FY27/28	\$ 0
FY23/24	\$ 79,500	FY28/29	\$ 0
FY24/25	\$ 78,000	FY29/30	\$ 0



FY19/20 Status Update

A loan from the Water & Sewer & Capacity CIP Fund with a 2% interest rate is being made in FY19/20 for the purchase of a vacuum truck to replace #42, a 2008 vacuum truck. The loan is to be paid back over six years.

Water & Sewer Fund CIP – Funded Projects

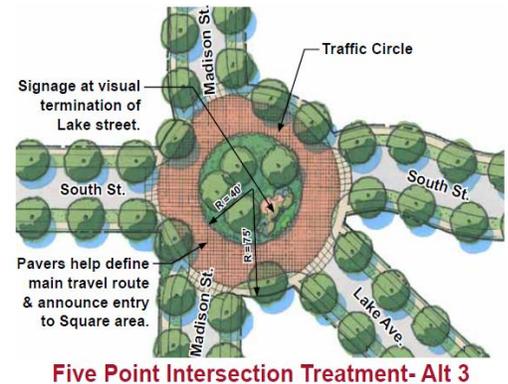
FY20/21 to FY25/26 Project Information

The loan payment schedule is listed below:

Payment Date	Principal	Interest	Total	Annual Debt Payment
3/1/2021	\$ 0	\$ 7,500	\$ 7,500	\$7,500
3/1/2022	\$ 75,000	\$ 7,500	\$ 82,500	\$ 82,500
3/1/2023	\$ 75,000	\$ 6,000	\$ 81,000	\$ 81,000
3/1/2024	\$ 75,000	\$ 4,500	\$ 79,500	\$ 79,500
3/1/2025	\$ 75,000	\$ 3,000	\$ 78,000	\$ 78,000
3/1/2026	\$ 75,000	\$ 1,500	\$ 76,500	\$ 76,500

Capacity Loan Payment-2021

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 0	FY25/26	\$ 132,000
FY21/22	\$ 132,000	FY26/27	\$ 132,000
FY22/23	\$ 132,000	FY27/28	\$ 132,000
FY23/24	\$ 132,000	FY28/29	\$ 132,000
FY24/25	\$ 132,000	FY29/30	\$ 132,000



FY21/22 to FY29/30 Project Information

The Water and Sewer Fund anticipates borrowing \$1,185,000 from the Water Sewer Capacity Fund to pay for improvements related to the Roundabout at the intersection of South/Madison/Lake Street. Reflected here is the loan payment. The loan is anticipated to have a 2% interest rate and would be for 10 years.

2021 Bonds – Route 47

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 158,100
FY21/22	\$ 0	FY26/27	\$ 158,100
FY22/23	\$ 158,100	FY27/28	\$ 158,100
FY23/24	\$ 158,100	FY28/29	\$ 158,100
FY24/25	\$ 158,100	FY29/30	\$ 158,100



FY22/23 to FY29/30 Project

Information

A Bond is being proposed in FY21/22 in the amount of \$1.82 million for water and sewer relocations and improvements related to the Route 47 road improvements being completed by IDOT to be repaid over a 20 year period. This represents the first of two payments that will be required to be paid to IDOT.

2023 Bonds

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 158,100
FY21/22	\$ 0	FY26/27	\$ 158,100
FY22/23	\$ 0	FY27/28	\$ 158,100
FY23/24	\$ 0	FY28/29	\$ 158,100
FY24/25	\$ 158,100	FY29/30	\$ 158,100



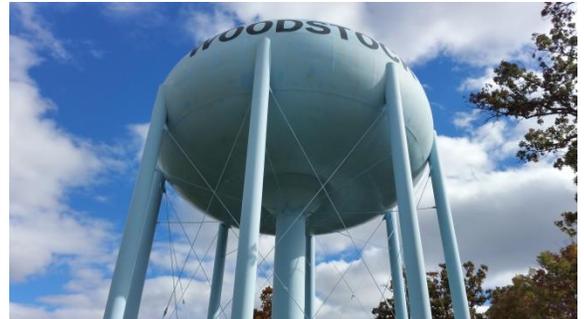
FY24/25 to FY29/30 Project

Information

A Bond is being proposed in FY23/24 in the amount of \$1.82 million for water and sewer relocations and improvements related to the Route 47 road improvements being done by IDOT to be paid over a 20 year period. This represents the second and final payment that will be required by IDOT for the City's share of its costs.

Water Tower Maintenance

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 30,000	FY25/26	\$ 24,000
FY21/22	\$ 20,000	FY26/27	\$ 22,000
FY22/23	\$ 20,000	FY27/28	\$ 900,000
FY23/24	\$ 22,000	FY28/29	\$ 12,000
FY24/25	\$ 10,000	FY29/30	\$ 24,000



FY20/21 Project Information

Hill Street Water Tower Cleaning, Maintenance, & Inspection (\$20,000). Seminary Avenue Ground Storage Tank Cleaning, Maintenance & Inspection (10,000): The City’s elevated water towers and the one ground storage reservoir require regular cleaning and maintenance to preserve the initial investment to construct, provide regular maintenance to extend their useful life, and to present a positive public image. Funds are requested in each of the funding years for routine cleaning, spot repairs and general interior and exterior inspections on each tank.

FY21/22 Project Information

Lake Avenue Water Tower Cleaning, Maintenance & Inspection (\$20,000)

FY22/23 Project Information

McConnell Road Water Tower Cleaning, Maintenance & Inspection (\$20,000)

FY23/24 Project Information

Hill Street Water Tower Cleaning, Maintenance & Inspection (\$22,000)

FY24/25 Project Information

Seminary Avenue Ground Storage Cleaning, Maintenance, & Inspection (\$10,000)

FY25/26 Project Information

Lake Avenue Water tower Cleaning, Maintenance & Inspection (\$24,000)

FY26/27 Project Information

McConnell Road Water Tower Cleaning, Maintenance, & Inspection (\$22,000)

Water & Sewer Fund CIP – Funded Projects

FY27/28 Project Information

Hill Street Water Tower Repainting (\$900,000): Even though the City is proactive in completing spot repairs to each of the water towers, maintenance coatings will eventually fail. Ultra violet rays, air pollution and temperature extremes continually attack and breakdown surface coatings on both the interior and exterior of the water towers. The last time that the Hill Street elevated storage tank was removed from service and totally recoated was in 1994. The City should make plans to repaint the Hill Street tower in FY27/28. In order to complete this project it is proposed that the City issue a loan (potentially from the Utility Capacity Fund) and pay the loan back over a reasonable period of time.

FY28/29 Project Information

Seminary Avenue Ground Storage Cleaning, Maintenance, & Inspection (\$12,000)

FY29/30 Project Information

Lake Avenue Water Tower Cleaning, Maintenance & Inspection (\$24,000)

Well Maintenance & Improvements

FY19/20 Budget		\$ 83,000	
FY19/20 Projected		\$ 0	
<hr/>			
FY20/21	\$ 83,000	FY25/26	\$ 95,000
FY21/22	\$ 85,000	FY26/27	\$ 97,000
FY22/23	\$ 87,000	FY27/28	\$ 100,000
FY23/24	\$ 90,000	FY28/29	\$ 103,000
FY24/25	\$ 93,000	FY29/30	\$ 105,000



FY19/20 Status Update

Normally every year one of our six groundwater wells are pulled and inspected to insure reliability. In FY17/18 a failure in the pitless adapter of well #10 required servicing two years prior to the scheduled service. In FY19/20, funding was included for emergency service of a well, if necessary. At this time there are no indications that any well service will be required in FY19/20.

FY20/21 Project Information

Well #12 is scheduled for preventative maintenance this fiscal year (83,000).

FY21/22 Project Information

Scheduled Preventative Maintenance Well #9 (\$85,000).

Water & Sewer Fund CIP – Funded Projects

FY22/23 Project Information

Scheduled Preventative Maintenance Well #8 (\$87,000).

FY23/24 Project Information

Scheduled Preventative Maintenance Well #7A (\$90,000).

FY24/25 Project Information

Scheduled Preventative Maintenance Well #11 (\$93,000). The Utility Capacity – CIP includes a request to drill a new well in FY24/25.

FY25/26 Project Information

Scheduled Preventative Maintenance Well #10 (\$95,000).

FY26/27 Project Information

Scheduled Preventative Maintenance Well #12 (\$97,000).

FY27/28 Project Information

Scheduled Preventative Maintenance Well #9 (100,000).

FY28/29 Project Information

Scheduled Preventative Maintenance Well #8 (\$103,000).

FY29/30 Project Information

Scheduled Preventative Maintenance Well 7A (\$105,000).

Water Main Replacement & Construction

FY19/20 Budget		\$ 340,000	
FY19/20 Projected		\$ 391,000	
FY20/21	\$ 600,000	FY25/26	\$ 140,000
FY21/22	\$ 75,000	FY26/27	\$ 80,000
FY22/23	\$ 10,000	FY27/28	\$ 350,000
FY23/24	\$ 400,000	FY28/29	\$ 750,000
FY24/25	\$ 630,000	FY29/30	\$ 450,000



FY19/20 Status Update

Currently the City’s water distribution system is well maintained and provides more than adequate service to our customers for daily demand, peak demand, and most fire flow services. As with any infrastructure of this size (approximately 110 miles of water mains and approximately 1,000 fire hydrants) and this age (some of the City’s water mains are now approaching 100 years of service), there is a constant need for maintenance, repair, and replacement. This proposed maintenance program is based on problems reported by our water customers, observations and recommendations from the employees who have the responsibility to provide daily service, and recommendations from the 2006 Water System Master Plan.

Funds in FY19/20 were used to construct and permit the replacement of a section of water main on Washington Street northwest of Cairns Court. As a result, the FY19/20 Projected figure includes costs for Phase 2 engineering, Phase 3 engineering and 2/3 of the final construction cost. This section of water main has experienced multiple breaks and repairs; therefore, it was recommended for replacement. This project consists of replacing the existing water main along Washington Street while simultaneously extending the existing water main on Pleasant Street to interconnect or “loop” with the dead-end main on Washington Street. Interconnecting water main is standard practice to improve fire-flows, water quality and reliability of the water distribution system. Even though bids for this work exceeded the engineers estimate, the City Council approved a contract with H Linden & Sons to complete construction. Since it is likely that construction will carry over into FY20/21, approximately 1/3 of the construction costs will be paid out in that fiscal year.

FY20/21 Project Information

\$150,000 of the requested funds in FY20/21 will be used for final payout of the Washington Street Water Main replacement.

Both of the City’s water treatment facilities are located north of the railroad tracks. There are six locations where the City’s water main crosses under the railroad tracks providing pressure and flow to those residents located south of the tracks. One of those connections broke almost one year ago. The 12 inch main had buckled breaking the storm sewer above it. The water main was disconnected and capped on both sides of the tracks until the situation could be analyzed.

Water & Sewer Fund CIP – Funded Projects

It just so happened that when the break occurred, the City was already in the process of completing a computer modeling of its water system. This computer model allows water mains to be removed, installed, upsized, reconnected, etc. Based upon the water model, this broken line should be replaced. Its reconnection benefits fire flow and water quality. This work will require a permit and coordination from the Union Pacific Railroad and the City should take this opportunity to determine where the new main should be installed so that in the end, the Public Works property is clear for development (without a water main running through the middle of the property). Funds are requested to reconnect the water main that runs under the railroad tracks near the intersection of First Street and Railroad Street. Design, permitting, and construction (estimate \$375,000) will be completed in FY20/21.

The previous mentioned water modeling provides information that will help make the City's distribution more effective, efficient, and safe. The Water Master Plan recommends some water main interconnections that are supported by the water model. \$40,000 is requested to complete four (4) water main interconnects in FY20/21.

The water model is only as good as the information that is contained in it. \$10,000 is requested in FY20/21 to keep the water system up to date through the input of data and to pay consultants to respond to residents, contractors, and developers inquiries as it relates to flow and pressure in the City's distribution system.

Also in FY20/21 funds are requested to purchase auto-flushers that will be used to keep water in the distribution system fresh. The Illinois EPA has raised the minimum residual chlorine concentration in the distribution system from 0.2 to 0.5mg/l. At dead ends and in areas where there is little flow, an auto flushing device may need to be installed in order to meet this minimum concentration. The only other option would be to loop the main so that the water remains in motion within the main lines. Funds (\$25,000) are requested to purchase at least five (5) auto flushers.

FY21/22 Project Information

The Water Master Plan recommends some water main interconnections that are supported by the water model. \$40,000 is requested to complete four (4) water main interconnects in FY21/22.

\$10,000 is requested in FY21/22 to keep the water distribution system modeling up to date through the input of data and to pay to have consultants respond to residents, contractors, and developers inquiries and concerns as it relates to flow and pressure in the City's distribution system.

Funds are requested to purchase auto-flushers that will be used to keep a minimum chlorine residual greater than 0.5 mg/l in the distribution system. Funds (\$25,000) are requested to purchase at least five (5) auto flushers in FY21/22.

FY22/23 Project Information

\$10,000 is requested in FY22/23 to keep the water distribution system modeling up to date through the input of data and to pay to have consultants respond to residents, contractors, and developers inquiries and concerns as it relates to flow and pressure in the City's distribution system.

FY23/24 Project Information

Funds are requested for the design, permitting, and construction of new water main on Russell Court from Route 47 to Julie Street in FY23/24. The water main is recommended for replacement because over time there have been a number of repair clamps applied to the six inch cast iron water main. It is proposed that this line be upsized when it is replaced to an eight-inch diameter pipe to improve capacity and flow.

Water & Sewer Fund CIP – Funded Projects

The Water Master Plan recommends some water main interconnections that are supported by the water model. \$40,000 is requested to complete four (4) water main interconnects in FY23/24.

\$10,000 is requested in FY23/24 to keep the water distribution system modeling up to date through the input of data and to pay to have consultants respond to residents, contractors and developers inquiries and concerns as it relates to flow and pressure in the City's distribution system.

FY24/25 Project Information

This request is for new water main on Melody Lane and on Sunshine Lane. These water mains have been targeted for replacement because they are peppered with clamps from previous repairs and main breaks. Design, permitting, and construction are recommended to take place in FY24/25. The six-inch water main on Melody Lane is recommended to be upsized to an eight-inch diameter; however, the six-inch main on Sunshine Lane is proposed to be replaced "in kind."

The Water Master Plan recommends some water main interconnections that are supported by the water model. \$40,000 is requested to complete four (4) water main interconnects in FY24/25.

\$10,000 is requested in FY24/25 to keep the water distribution system modeling up to date through the input of data and to pay to have consultants respond to residents, contractors and developers inquiries and concerns as it relates to flow and pressure in the City's distribution system.

FY25/26 Project Information

In 2018, three water main breaks occurred simultaneously on Lake Avenue between IL Rt. 47 & Catalpa Lane. The pipe is very close in proximity to the 1 million gallon Lake Avenue Water Tower. One section of pipe that was removed and replaced was badly pitted & corroded. Another section was directly beneath a ComEd electrical duct carrying high voltage. Funds in FY25/26 are requested to pay for the design and permitting associated with the replacement of a portion of the water main for one of these two locations on Lake Avenue upsizing the existing pipe size to 16 inch. Construction is planned for calendar year 2027.

The Water Master Plan recommends some water main interconnections that are supported by the water model. \$40,000 is requested to complete four (4) water main interconnects in FY24/25.

\$10,000 is requested in FY24/25 to keep the water distribution system modeling up to date through the input of data and to pay to have consultants respond to residents, contractors and developers inquiries and concerns as it relates to flow and pressure in the City's distribution system.

FY26/27 Project Information

Funds in FY26/27 are requested to pay for the design and permitting associated with the replacement of a portion of the water main in one of two locations on Lake Avenue; upsizing the pipe to 16 inch diameter. Construction is planned for calendar year 2028.

FY27/28 Project Information

Funds are requested in FY27/28 to pay for construction to replace a portion of water main on Lake Avenue between IL Rt. 47 and Lake Shore Drive. It is recommended that this pipe be upsized to 16 inch during construction.

Water & Sewer Fund CIP – Funded Projects

FY28/29 Project Information

Funds are requested in FY28/29 to pay for construction to replace a portion of water main on Lake Avenue between IL Rt. 47 and Lake Shore Drive. It is recommended that this pipe be upsized to 16 inch during construction.

FY29/30 Project Information

Funds are requested in FY29/30 for the design, permitting, and construction of new water main on Blakely Street from South to Forest Avenue. The existing 4 inch main is recommended to be replaced with an 8-inch diameter pipe because of the number of repairs that have occurred over time. The upsizing of the pipe will improve fire flow.

Water Meter Replacement Program

FY19/20 Budget		\$130,000	
FY19/20 Projected		\$130,000	
FY20/21	\$ 80,000	FY25/26	\$ 0
FY21/22	\$ 80,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

Funds in this line item are used for the purchase of new “radio read” water meters for installation where old outdated water meters exist. These new meters bring greater efficiency to the water system through the improvement of the accuracy of recording the amount of water used by a customer, improving the efficiency of meter-reading operations, reducing the time needed to read meters, and the elimination of the need to enter a building to obtain a meter reading.

To date approximately 8,000 water meters or 95% of the water meters in the City of Woodstock (includes both new and existing accounts) have been converted to the new “drive by” system.

FY20/21 Project Information

The City currently uses one employee to read meters for about two weeks every month where previously this number was two. As more meters get replaced using the current radio read technology, the City should realize an increase in revenue from water sales, because as the meters get older, they slow down and do not account for all the water moving through them. This accuracy should have a positive effect on the City's water billed vs. water lost ratio. New meter technology also has the capability of storing daily use data over the billing cycle to help the City diffuse billing disputes. This request is to purchase approximately 400 water meters in FY20/21.

Water & Sewer Fund CIP – Funded Projects

FY 21/22 Project Information

This request is to purchase approximately 400 water meters in FY21/22. Meters required to convert all accounts should be completed by the end of this fiscal year. All meters purchased after April 30, 2022 will be funded through the Sewer & Water Maintenance Operating Budget.

Water Treatment Plant Maintenance

FY19/20 Budget		\$ 155,000	
FY19/20 Projected		\$ 50,000	
FY20/21	\$ 235,000	FY25/26	\$ 103,000
FY21/22	\$ 117,000	FY26/27	\$ 103,000
FY22/23	\$ 62,000	FY27/28	\$ 118,000
FY23/24	\$ 62,000	FY28/29	\$ 195,000
FY24/25	\$ 64,000	FY29/30	\$ 165,000



FY19/20 Status Update

In 2008, it was necessary to include an above ground brine tank in the water plant improvement project because there was no land to construct anything underground. The existing above ground tank is fiberglass and it is wrapped in heat tape and covered by insulation. Heat tape is beginning to fail and if the tank freezes, the plant will have to be taken off line. The land around the treatment facility is owned by a bank. The City has been waiting for interest in the final buildout of the Woodstock Station development to transfer the necessary property required to build the brine tanks. It now appears that the City may purchase the land from the bank. Because the City will be controlling the land, it can move forward with the planning for the construction of two underground brine tanks at the First Street facility. Expenditures in FY19/20 reflect the cost for design and permitting of the tanks, which will be constructed in FY20/21.

FY20/21 Project Information

Construction of New Brine Tanks – First Street WTP (\$155,000): These funds are for the construction of two below-grade brine tanks serving the First Street Water Treatment Plant that will replace the above ground tank, which could freeze in the winter rendering the facility “out of service.” Salt brine is necessary for the water-softening process.

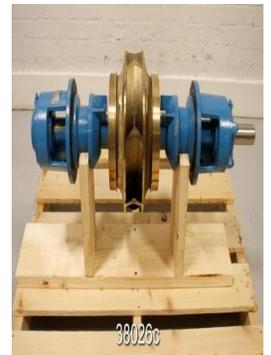
Reaction Basin Cleaning (\$30,000). The buildup of sediment originating from the drinking water wells occurs naturally in most water treatment systems. Over time, this sediment builds up and will eventually break through to other stages of the treatment processes such as iron removal and softening. As a result, excess sediment plugs filters and softeners impacting both the quantity and quality of the water produced. There are reaction basins at both the Seminary Avenue and First Street water treatment facilities. They were last cleaned in 2010. Through this request, staff seeks funds to hire a diver to clean the tanks while they are in service, ensuring optimal water quality and preventing premature plugging of vital components throughout the treatment process.

Water & Sewer Fund CIP – Funded Projects

Design of Lake Avenue Water Booster Station (\$50,000): Woodstock’s water system operates under four separate pressure zones to provide a consistent level of service. As the community grows, newly-annexed properties may extend beyond the service area or the difference in elevation may require additional facilities to boost or reduce system pressure. The existing infrastructure along Lake Avenue and Route 14, extending to Doty Road, meet all IEPA requirements and standards; however, pressure and flow are less than desirable when compared to the rest of the system. To better serve existing customers and prepare for new growth, it is recommended that a water booster station be constructed at or near the base of the Lake Avenue water tower. Once in place, this booster station will increase the normal operating pressure for those customers downstream of the water tower. A preliminary design for a new booster station is already complete. Funds requested in FY20/21 will be used to update those plans and specifications using current technology along with an evaluation of the timing and need for this improvement.

FY21/22 Project Information

Pump Rotating Assembly Replacement (\$117,000): The rotating assembly is the workhorse of a pump and consists of a stainless steel shaft, which in a water treatment plant spins a ‘zinc free’ bronze impeller. Pump manufacturers use this material as chlorine attacks a regular zinc impeller, eating away material in the process. The Seminary plant underwent an upgrade in 2003 that included the installation of three high-service pumps (HSP) and three low-service pumps (LSP). A vibration analysis performed on these pumps in 2006 showed they were significantly out of balance. Inspection of the rotating assemblies showed significant erosion of the impellers, to the point of near failure, as the original pumps were installed with standard, zinc-based bronze impellers. Repairs conducted in 2006 included proper rotating assemblies with zinc-free impellers resulting in normal pump vibration levels throughout this service period. These pumps have now been in service for more than ten years. This funding request seeks to replace all three rotating assemblies in FY21/22.



FY22/23 Project Information

Variable Frequency Drive Replacement (\$62,000): Variable Frequency Drives (VFD) are necessary to modulate pump speed. Without this ability, pumps would continually cycle on and off at 100% capability. This is not only hard on the motor, but it is hard on every water treatment process and the distribution system. The City installed VFDs for three low-service pumps (LSP) and three high-service pumps (HSP) in 2003. Over the last few years, the City has experienced failures of the cooling fan on the VFDs, causing the VFD itself to shut down. Original equipment fans are no longer available and generic fans have been retro-fitted to work. Concentric Intergration, the company that performs a majority of our SCADA repairs determined these drives were produced in the early 1990s, making them over twenty-years old. As replacement parts are difficult to obtain and are often subject to extensive lead times of between four and eight months to build and install, staff recommends proactively replacing these drives at a rate of one per year starting in FY22/23. These are expensive items and require engineering to design the proper drive for each motor and application.

FY23/24 Project Information

Equipment Replacement (\$62,000): Funds will be used to replace a VFD based upon historical equipment performance, serviceability, and availability of replacement parts.

Water & Sewer Fund CIP – Funded Projects

FY24/25 Project Information

Equipment Replacement (\$64,000): Funds will be used to replace a VFD based upon historical equipment performance, serviceability, and availability of replacement parts.

FY25/26 Project Information

Equipment Replacement (\$103,000): Funds will be used to replace a pump rotating assembly and a VFD based upon historical equipment performance, serviceability, and availability of replacement parts.

FY26/27 Project Information

Equipment Replacement (\$103,000): Funds will be used to replace a pump rotating assembly and a VFD based upon historical equipment performance, serviceability, and availability of replacement parts.

FY27/28 Project Information

Equipment Replacement (\$103,000): Funds will be used to replace a pump rotating assembly and a VFD based upon historical equipment performance, serviceability, and availability of replacement parts.

Cleaning of Reaction Basin (\$15,000): Staff seeks funds to hire a diver to clean the reaction basin at the Seminary Avenue Plant tank while it is in service, ensuring optimal water quality and to prevent premature plugging of vital components throughout the treatment processes.

FY28/29 Project Information

Cleaning of Reaction Basin (\$15,000): Staff seeks funds to hire a diver to clean the reaction basin at the First Street Plant tank while it is in service, ensuring optimal water quality and to prevent premature plugging of vital components throughout the treatment processes.

Vulnerability Assessment (\$180,000): The City, performed a Vulnerability Assessment in 2004 as required by the USEPA to identify areas that might be targeted through natural or man-made threats to the City's public water supply. This confidential report included specific actions that the City needed to make to improve the overall security of the system. Security improvements related to the water treatment plant buildings themselves involved the replacement of the glass windows at the Seminary Avenue plant with brick to deter vandalism or unauthorized entry. In addition, to upgrade security, removing the windows would result in a significant reduction of energy costs to heat the building. Another identified improvement is the removal of the skylights over the high-service pump room at the First Street facility. Funds are requested in FY28/29 to fill in the windows at the Seminary Avenue plant and remove the skylights at the First Street plant.

FY29/30 Project Information

First Street Softener Rehabilitation (\$165,000): Funds are requested to replace the media in the softeners at the First Street Water Treatment Plant. These softeners underwent rehabilitation during the 2010 First Street upgrade project. The effective life of the softening media is approximately 20 years. It will be necessary to complete all three softeners at the same time, as the capacity of the softeners with one out of service is not adequate to keep the plant in operation. The project will need to be completed during the low demand period (i.e., winter), as the plant will need to be offline.

Wastewater Treatment Plant Maintenance

FY19/20 Budget		\$ 81,000	
FY19/20 Projected		\$ 51,200	
FY20/21	\$ 115,000	FY25/26	\$ 266,000
FY21/22	\$ 310,000	FY26/27	\$ 107,000
FY22/23	\$ 205,000	FY27/28	\$ 142,000
FY23/24	\$ 309,000	FY28/29	\$ 174,000
FY24/25	\$ 286,000	FY29/30	\$ 171,000



FY19/20 Status Update

This line item in the CIP is intended to pay for four items, one of which was aluminum safety railings to replace deteriorating steel railings. A contract was awarded for \$20,920 to Breuer Metal Craftsmen, Inc. to provide the replacement railings. The railings will be delivered before the end of FY19/20, and will be installed by plant personnel.

Also approved for purchase were three sluice gates used to divert process flow and isolate aeration basins for periodic maintenance. Once staff began the gate replacement program in 2019, it was soon realized that there was no need to replace the remainder of the gates because they were either obsolete or redundant. No funds will be spent on this project in FY19/20.

Funds were also approved to replace diffusers in the aerators at the north side facility. However, the City is working with Consulting Engineers to identify grant opportunities to replace the diffusers and blowers with a more efficient system that would include a different type of diffuser. The paperwork and approval process would not be complete before FY19/20; therefore, no funds will be expended for this project in FY19/20.

The fourth item approved for purchase is a replacement influent grinder for the north side facility at a cost of \$30,300. A reconditioned grinder has been ordered and it will be delivered before the end of FY19/20.

FY20/21 Project Information

The FY20/21 request includes two (2) separate projects. They include:

PLC Upgrades (\$90,000): Technology advances quite quickly. In most cases, SCADA and other electronic systems are outdated before they are even put into service. Electronic equipment at each of the Wastewater Treatment Plants is now between 15-20 years old. Most of this equipment is now obsolete and software used to program and support it is considered old technology. Funds are requested to begin replacing this equipment at the south side facility in FY20/21 due to reduced parts availability.



Water & Sewer Fund CIP – Funded Projects

Driveway Resurfacing (25,000): At the northside facility, the current driveway around the facility is showing normal signs of wear after many years of use. There is also damage caused by a large amount of truck traffic that the facility receives. This project will coincide with the City’s street resurfacing work in order to take advantage of lower unit prices. Work will be completed in FY20/21 and FY21/22.



FY21/22 Project Information

PLC Upgrades (\$50,000)

Driveway Resurfacing (\$25,000)

Roof Replacement (\$15,000): Administration Building – North Plant

Mechanical Bar Screen (\$220,000): At the point in which sewage flow enters the north side facility, a grinder is inline to reduce the size of rags, clothing, sticks, tree roots, and other debris that might otherwise create premature wear or plug pumps, pipes, or process equipment. These grinders run 24/7, and by design, they take a large degree of abuse that might otherwise be passed on to other pieces of equipment. As designed, the grinders reduce the size of various debris, but large amounts of “disposable” wipes and paper products that are shredded and pass the grinder that is not removed by the auger tend to rebind and form bigger and stronger rags that are attaching to telescopic tubes, diffusers, and anything they can get wrapped around.



This request is to replace the grinder at the head of the plant with a mechanical bar screen. These types of bar screens remove all rags, clothing, sticks, and any debris present in the waste stream. As solids are captured by the bar screen, cleaning vanes direct the solids through an auger trough and into a dumpster. Once the mechanical bar screen is online, we will no longer need to retain the grinder at the head of the plant. The benefit to the City will be the time saved for having to take down tanks to remove the settled piles of rags, by hand removing all the bounded wads of rags and debris that get wrapped around every piece of equipment, and pump repairs due to pumps becoming jammed with rags and debris. Another benefit to the City by removing all rags and debris before it enters the plant will keep the diffusers from becoming compromised due to being plugged by debris, which makes the diffusers less efficient.

FY22/23 Project Information

PLC Upgrades (\$50,000)

Roof Replacement (\$15,000): Belt Press Building – North Plant

Influent Grinders (\$37,000): At select locations within the Wastewater Treatment Facilities are four (4) grinders designed to reduce the size of rags, clothing, sticks, tree roots, and other debris that might otherwise create premature wear or plug pumps, pipes, or process equipment. These grinders run 24/7 and by design, take a large degree of abuse that might otherwise be passed on to more expensive equipment or equipment whose reliability is critical for keeping sewage out of basements. Given the abusive environment in which these units operate, they need to be removed from service at regular intervals for reconditioning. This request is over several years through the ten-year CIP.



Water & Sewer Fund CIP – Funded Projects

Secondary Clarifier Weir Replacement (\$50,000): Both of the City's two wastewater treatment facilities have circular clarifiers, which provide an environment to settle out solids and allow effluent to flow into tertiary treatment. Around the entire perimeter of these circular tanks are aluminum v-notch weirs, which maintain the appropriate water level in the tank and serve to prevent short-circuiting of the biosolids that by design are settling evenly at the bottom of the tank. Over time, these aluminum v-notch weirs have worn, and the exterior surfaces are corroded. Funds are requested to purchase new v-notch weirs and have them professionally installed at a consistent elevation to achieve a high-quality effluent. The plan calls for the replacement of v-notch weirs over the course of two fiscal years beginning with the clarifiers at the northside treatment plant.



Weir Cleaning System (\$30,000): In 1999, each of the four circular clarifiers was outfitted with an algae sweep system to control algae and keep the clarifier weirs, baffles, and spillway as clean as possible. The current units are now nineteen (19) years old, and many of the replacement parts are hard to find, and the system is getting brittle showing stress cracks and signs of wear. This request is to purchase a new sweep system for two circular clarifiers beginning at the Northside Wastewater Treatment Plant.



Sludge Pump Replacement (\$23,000): This request is to cover the cost to replace one of two existing sludge pumps at the Northside Wastewater Plant. Both pumps are specifically designed to pump material with a high percent of solids that contains trash and abrasives commonly found in sewage sludge. The pump is critical to the treatment process as solids handling is the key to providing a high-quality plant effluent at the receiving stream. Since the time that these pumps were placed into service, there have been many improvements to pump design that make them more reliable and efficient. By design, existing pumps are difficult to repair, and parts are becoming more costly.



FY23/24 Project Information

PLC Upgrades (\$50,000)

Roof Replacement (\$15,000): flat roof over operators building – South Plant

Influent Grinders (\$34,000)

Secondary Clarifier Weir Replacement (\$50,000)

Weir Cleaning System (\$30,000)

Electrical Upgrades (\$40,000): The wiring and controls that power the treatment plants and lift stations have been in use for many years, some being over forty-years old, and like most components have a lifespan. Because of the age, we are seeing a consistent increase in repairs and are also at risk of having fires or shorts. This request is to begin proactively upgrading and replacing the wires and controls that power the treatment plant facilities. The benefit to upgrade the system is to give us continuous reliable power and avoid potential safety issues. There will also be a reduction in the cost to complete electrical troubleshooting if an updated system is purchased. The costs spent each year on electrical services are increasing, with many of the repairs being made in emergency situations and after hours, which costs more in regards to both the contractors and the employees receiving overtime pay when after normal hours.



Water & Sewer Fund CIP – Funded Projects

To keep the wastewater treatment equipment reliable and safe, funds are requested to begin updating the current system over several years beginning with the Olson Park Lift Station.

Screw Pump Replacement (\$90,000): There are three screw pumps in service at the Northside Wastewater Treatment Plant. These pumps use the rotating action of a screw to lift the sewage to the next stage of the treatment process. Two of three screw pumps were replaced in recent years and the third pump, which has been in service for more than forty (40) years, is reaching the end of its useful life, and it should be replaced.



FY24/25 Project Information

PLC Upgrades (\$40,000)

Influent Grinders (\$37,000)

Roof Replacement (\$15,000): Flat roof over blower building – South Plant

Sludge Pump Replacement (\$23,000)

Oxidation Ditch Rotor Replacement (\$120,000): The Wastewater Treatment process at the Southside Plant includes two oxidation ditches that utilize four rotors at the surface introducing dissolved oxygen and keeping the biomass in suspension. The 60 horsepower rotor aerator equipment is now nineteen (19) years old. The aeration equipment has been reliable, but is also showing normal signs of wear, resulting in a decreased efficiency. This request is a proactive approach to preventing catastrophic failure of this aerobic treatment process.



Replace Positive Displacement Blower (\$11,000): Proper aeration may very well be the most important consideration at the City's wastewater treatment plants. Aeration is needed to produce dissolved oxygen for microbes, and it also mixes the biomass keeping it in suspension within the aeration tanks. Aeration energy consumption at wastewater treatment plants typically consumes 60% of all electrical usage. Modern blowers utilize variable speed and high-efficiency motors as a means of decreasing energy consumption. This request is to replace existing blowers on an as-needed basis as the result of chronic failure, design change, or age and parts availability. There are six blowers between the two wastewater treatment facilities, and this request is to replace one of those units.



Digester Covers (\$40,000): A healthy environment with a Wastewater Treatment Plant aeration basin is essential to promoting biological activity for the digestion of organic material (pollutants). Cold weather causes a decrease in biological activity, thereby reducing the effectiveness of the biomass. This request seeks approval for the purchase of a low profile lightweight cover for aerobic digesters. The covers will provide plant operators with better control of the treatment process during winter conditions and aid in odor control. Requested funds are for materials only, as plant operators will perform the installations.



FY25/26 Project Information

PLC Upgrades (\$40,000)

Oxidation Ditch Rotor Replacement – (\$120,000)

Water & Sewer Fund CIP – Funded Projects

Replace Positive Displacement Blower (\$11,000)

Digester Covers (\$40,000)

Electrical Upgrades (\$40,000)

RAS/WAS Pump Replacement (\$15,000): In 1998, the Southside Wastewater Treatment Plant was expanded and the design included a number of submersible pump stations for the purpose of moving liquids and solids. These pumps have now been in service for approximately ten (10) years. The City recently learned that the cost to repair these pumps is very close to the cost to replace them.



FY26/27 Project Information

PLC Upgrades (\$40,000)

RAS/WAS Pump Replacement (\$15,000)

Replace Positive Displacement Blower (\$12,000)

Electrical Upgrades (\$40,000)

FY27/28 Project Information

RAS/ WAS Pump Replacement (\$15,000)

Electrical Upgrades (\$40,000)

Replace Raw Sewage Pumps (\$50,000)

Replace Positive Displacement Blower (\$12,000)

Sludge Pump Replacement (\$25,000): This request is to cover the cost to replace the second of two existing sludge pumps at the Northside Wastewater Plant.

FY28/29 Project Information

RAS/ WAS Pump Replacement (\$15,000)

Influent Grinders (\$37,000)

Replace Positive Displacement Blower (\$12,000)

Electrical Upgrades (\$40,000)

Driveway Resurfacing (\$30,000) – South Plant

Raw Sewage Pump Replacement (\$40,000): There are eight raw sewage pumps between the south and north side facilities and Olson Park. The lifespan of these pumps are 25 to 30 years. Although all the pumps have been well maintained, there still is a lifespan. This request is to replace these pumps with updated technology that are more efficient. This can be spread over several years beginning with the Tappan Lift Station.



Water & Sewer Fund CIP – Funded Projects

There may be a grant opportunity with this upgrade.

FY29/30 Project Information

RAS/WAS Pump Replacement (\$15,000)

Influent Grinders (\$34,000)

Replace Positive Displacement Blower (\$12,000)

Electrical Upgrades (\$40,000)

Replace Raw Sewage Pumps (\$40,000)

Driveway Resurfacing (\$30,000) – South Plant

Sanitary Sewer Maintenance

FY19/20 Budget		\$ 235,000	
FY19/20 Projected		\$ 235,000	
FY20/21	\$ 0	FY25/26	\$ 200,000
FY21/22	\$ 0	FY26/27	\$ 225,000
FY22/23	\$ 460,000	FY27/28	\$ 100,000
FY23/24	\$ 0	FY28/29	\$ 100,000
FY24/25	\$ 0	FY29/30	\$ 100,000



FY19/20 Status Update

A 21-inch trunk sewer tributary to the southside wastewater treatment plant was built in an area that is subject to flooding and there are poor soils in this general location. The water entering the sewer system is taking up capacity at the treatment plant and if the infiltration continues, these funds may have to go toward a plant expansion to treat the groundwater. In FY19/20 lining of the trunk sewer tributary to the south plant was completed.

FY22/23 Project Description

In 2015, Baxter & Woodman completed a study of the sanitary sewer line tributary to the Irving Avenue liftstation. The liftstation is one of the first to go into high level alarm following a moderate to heavy wet-weather event. The study revealed that the sanitary sewer has settled due to poor soils located beneath the manholes and associated piping. As a result, it is likely that the new sanitary sewer will require pilings, planks, pile caps at manholes, etc. to shore up the collection system components. This work is also likely to require bypass pumping and temporary trench wall support. It is recommended that funds are approved in FY22/23 to cover the cost of design, permitting, legal and administrative fees. It is then recommended that construction occur in FY23/24 at an estimated cost of \$1.6 million dollars. The

Water & Sewer Fund CIP – Funded Projects

request for construction is included as an unfunded project, because it is likely that the City will need to secure a loan to cover construction costs.

FY25/26 & FY26/27 Project Description

There is a trunk sewer tributary to the northside wastewater treatment plant that should be slip lined and manholes reconstructed to eliminate as much inflow and infiltration as possible. Inflow and infiltration entering the sewer system takes up capacity within the treatment plant, which could otherwise be used for future growth. It is recommended that design and permitting take place in FY25/26 followed by construction in April, May, and June of 2026. Construction is expected to be in the form of slip lining, pipe bursting, manhole rehabilitation, and/or pipe replacement.

FY27/28 Project Description

The City has a number of “backyard sewers” that run parallel with private property within a dedicated easement. These sewers do not get a lot of attention and a number of them have been encroached upon by residents. It would be much easier to slip line these pipes and rehabilitate the manhole structures from the nearest right-of-way than it would be to move a truck or tractor within the easement around trees, sheds, garages, landscaping, etc. for physical access to the sewers. Funds are requested to locate the public sewers within rear yards that would benefit from rehabilitation and have them slip lined as necessary and appropriate to eliminate inflow and infiltration.

FY28/29 & FY29/30 Project Description

Funding is requested to pay for sanitary sewer and manhole rehabilitation in order to eliminate inflow and infiltration. Work could come in the form of slip lining, pipe bursting, manhole rehabilitation, and/or pipe replacement.

Motor Pool

FY19/20 Budget		\$ 423,800	
FY19/20 Projected		\$ 444,000	
<hr/>			
FY20/21	\$ 95,000	FY25/26	\$ 65,000
FY21/22	\$ 80,000	FY26/27	\$ 45,000
FY22/23	\$ 65,000	FY27/28	\$ 100,000
FY23/24	\$ 95,000	FY28/29	\$ 50,000
FY24/25	\$ 120,000	FY29/30	\$ 460,000



FY19/20 Status Update

Two Utility Fund vehicles were purchased in FY19/20. The first was ordered in February 2019, but it was not delivered until after May 1, 2019, so funds were carried over to pay for a 2019 Ford F-350 pickup with service body for the Sewer & Water Maintenance Division at a delivered price of \$49,979. This pickup replaced a 2003 model year Chevrolet pickup. The second vehicle is a combination sewer cleaning truck for which the City owns two of. The existing unit is a 2008 model year. After delivery, the 2008 truck will be reassigned to the Street Division for use in maintaining storm

Water & Sewer Fund CIP – Funded Projects

sewers. The Street Division unit which is more than twenty-two years old will be declared as surplus and sold to the highest bidder.

FY20/21 Project Information

Replacement of Truck #30 and Truck #37 (\$95,000): Proposed replacement of truck #30, a 2005 Chevy Silverado extended cab pickup, which will be 15 years old at its time of replacement. In addition, it is recommended that truck #37, a 2006 Chevy Silverado pickup with a service body be replaced. This vehicle will be 14 years old at its time of replacement.

FY21/22 Project Information

Replacement of Truck #35, Mower #173 and 6-inch trash pump #176 (\$80,000): It is recommended that Truck #35, a 2008 Chevy 2500 pickup with a service body be replaced. If approved, this vehicle will be 16 years old when it is replaced. Also recommended for replacement is a front-mount mower #173, which is assigned to the Waste Water Treatment Division which will be 24 years old at the time it is replaced. In addition, it is recommended that a 1991 model year trailer mounted trash pump be replaced. The 6-inch pump will be 30 years old at its time of replacement.

FY22/23 Project Information

Replacement of Truck #70, and Zero-Turn Mower #175 (\$65,000): Unit #175 is a 2003 model year Kubota zero-turn mower. If approved for replacement, this unit will be 19 years old at the time it is replaced. In addition, it is recommended that truck #70, a 2005 Chevrolet 2500 pickup with crane be replaced. This vehicle will be 17 years old at time of replacement.

FY23/24 Project Information

Replacement of Truck #34 and Truck #71 (\$95,000): In FY 23/24 it is recommended that Truck #34, a 2006 model year Chevrolet 2500 pickup be replaced. This vehicle will have been in service for more than 17 years at the time of replacement. In addition, it is recommended that truck #71, a 2006 Chevrolet 2500 pickup with lift gate be replaced. It will have served the City for more than 17 years at the time of its replacement.

FY24/25 Project Information

Replacement of Dump Truck #41 (\$120,000): Replacement of the Sewer & Water Divisions Dump Truck #41 is recommended in FY24/25. The 2007 model year International truck will be 17 years old at the time of its replacement.

FY25/26 Project Information

Replacement of Zero-Turn Mower #177 and Truck #33 (65,000): Mower #177 is a Kubota zero-turn assigned to the Water Treatment Division. The 2006 model year mower will be 19 years old at the time of replacement. It is also recommended that truck #33 a 2007 model year Chevrolet 2500 pickup be replaced. This vehicle will be 18 years old at the time it is replaced.

FY26/27 Project Information

Replacement of Truck #68 (\$45,000): Replacement of Truck #68, a 2012 Ford F-250 pickup with lift gate. If approved, this vehicle will be 14 years old at the time it is replaced.

FY27/28 Project Information

Water & Sewer Fund CIP – Funded Projects

Replacement of Backhoe #104 (\$100,000): It is recommended that the 2013 model year Case Backhoe #104 be replaced in FY27/28.

FY28/29 Project Information

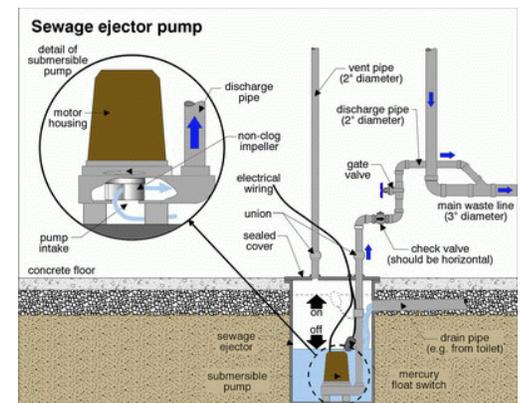
Replacement of Truck #500 (\$50,000): Truck #500 is a 2016 model year Ford F-250 pickup. It is recommended that this truck be replaced following 12 years of service to the community.

FY29/30 Project Information

Replacement of Sewer & Water Maintenance Division Vector Truck (\$460,000): This truck will be 10 years old at time of replacement. The existing vehicle will remain in the fleet for use by the Street Division to maintain storm sewers.

I & I Improvements

FY19/20 Budget		\$ 18,000	
FY19/20 Projected		\$ 18,000	
FY20/21	\$ 18,000	FY25/26	\$ 18,000
FY21/22	\$ 18,000	FY26/27	\$ 18,000
FY22/23	\$ 18,000	FY27/28	\$ 18,000
FY23/24	\$ 18,000	FY28/29	\$ 18,000
FY24/25	\$ 18,000	FY29/30	\$ 18,000



FY19/20 Status Update

Summer in 2019 really did not occur until mid-July. Weather was cold and wet. There were also some significant rain events in September of 2019 whereby the City received more than seven inches of rain over a two-day period. When this occurs it is not uncommon for the sanitary sewer system to become overloaded which can result in sanitary sewer backups in resident's basements or crawl spaces. In an effort to provide relief to those homes affected, the City offers a program whereby eligible participants can receive a maximum of \$2,000 for the installation of sanitary sewer backup control measures on private property.

Reimbursement costs are limited to plumbing improvements that prevent reoccurring sanitary sewer backups in homes after heavy rain and does NOT include payment for damages that might have resulted from the sanitary sewer backup. This program is popular in times when wet weather events prevail. Thus far in FY19/20 four property owners have applied for assistance through this program.

Water & Sewer Fund CIP – Funded Projects

FY20/21 through FY29/30 Project Information

Reimbursement Program for Installation of Overhead Sewers or Backflow Devices (\$18,000): The City has a Policy to define the general guidelines and procedures to be followed for the reimbursement by the City of Woodstock of a portion of installation costs when a property owner receives pre-approval and then completes installation of sanitary sewer backup control measures on private property. This policy is limited to the cost of plumbing improvements as a preventive measure for sanitary sewer backup problems that result from a rain event and does NOT include payment for damages that might have occurred with a sanitary sewer backup. Also, reimbursement of some costs by the City will only be approved when the problem is related to a sanitary sewer backup condition and does not include reimbursement for improvements to correct storm water drainage problems. Maximum reimbursement for any single project is \$2,000. As stated previously, the cost to administer this program is higher when the community experiences wet weather.

Lift Station Improvements

FY19/20 Budget		\$ 50,000	
FY19/20 Projected		\$ 50,000	
FY20/21	\$ 55,000	FY25/26	\$50,000
FY21/22	\$ 250,000	FY26/27	\$40,000
FY22/23	\$ 55,000	FY27/28	\$ 105,000
FY23/24	\$ 50,000	FY28/29	\$ 105,000
FY24/25	\$ 50,000	FY29/30	\$ 65,000



FY19/20 Status Update

Expenditures in this line item pay for the replacement or repair of lift station pumps. There are twenty-one pump stations within the City’s sanitary sewer collection system. The pumps within the stations are in service 24/7. As a result, expenditures are not always predictable, per pump repair costs can be extravagant, and the total number of repairs can fluctuate from year-to-year. In addition to these pump repairs, at least three lift station dialers were purchased that will remotely track data for use in monitoring and troubleshooting lift station operations. At this time, lift stations are physically monitored five days per week. This equipment will eliminate the need to visit each station to gather this information.

FY20/21 Project Information

The Prairie View lift station, which has been servicing the Prairie View Apartment complex since 1986, would benefit from a complete panel upgrade and an evaluation of the steel can, which serves as the wet well for sewage. The panel upgrade would include a new alarm dialer to remotely monitor the operation of the station. The remaining funds will be used to pay for repairs to submersible pumps throughout the year on an “as needed” basis.

Water & Sewer Fund CIP – Funded Projects

FY21/22 Project Information

Funds are requested to turn the Wanda Lane lift station from a flooded suction dry pit to a submersible pump style pit (\$150,000). Over the years we continue to experience plugging of the impellers in this station (they are cleaned every Friday). There are four (4) other lift stations that are tributary to the Wanda Lane station in addition to gravity flow from several industries along McConnell Road. When this station experiences problems it can back up into businesses along Route 47. Work will include a new traffic panel and box, installation of a wet well with a rail system. Also three (3) pumps will be installed, one being used as a backup just like all the other stations. Funds are requested for the installation of an on-site generator and automatic transfer switch (\$50,000) for the Post Office lift Station. Remaining funds will go toward the repair of submersible pumps throughout the year.

FY22/23 Project Information

The Mitchell Street lift station was installed in the 1950s; the City has over the years made improvements and upgrades to this station. These funds will be used to upgrade some electrical components within the control cabinet that shall include a new alarm dialer to remotely monitor the operation of the station and an evaluation of the steel can, which serves as the wet well for sewage. The remaining funds (\$30,000) will pay for submersible pump repairs and/or replacements throughout the year.

FY23/24 through FY26/27 Project Information

Funds are requested to pay for submersible pump repairs and/or replacements throughout the year.

FY27/28 Project Information

Funds are requested for the replacement or slip lining of the sanitary sewer force main (\$75,000) for the Westwood Lakes Estates lift station. Remaining funds are requested to pay for submersible pump repairs and/or replacements throughout the year.

FY28/29 Project Information

Funds are requested for the replacement or slip lining of the sanitary sewer force main (\$75,000) for the Emerald West lift station. Remaining funds are requested to pay for submersible pump repairs and/or replacements throughout the year.

FY29/30 Project Information

Funds are requested to pay for submersible pump repairs and/or replacements throughout the year.

IL Rt. 47 IDOT Improvements

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 40,000	
<hr/>			
FY20/21	\$ 125,000	FY25/265	\$ 0
FY21/22	\$ 1,820,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 1,820,000	FY28/29	\$ 0
FY25/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

City staff met with the Illinois Department of Transportation (IDOT) in November 2019 to discuss improvements to IL Rt. 47 from US Rt. 14 to IL Rt. 120. This \$58 million dollar project is funded at the State level, and the City needs to prepare for costs associated with Utility Fund activities such as the relocation of sewer and water mains so that they are outside of the new driving lanes and confirmed to be appropriately located in the state right-of-way. Funds will be required to help engineer and plan for these utility relocation improvements. IDOT has requested that the City create plans for the relocation of utilities not later than June, 2020 so that the information can be included in final construction plans & specifications. The City will accrue costs for engineering in FY19/20 in order to get information to IDOT for inclusion in their final construction documents.

FY20/21 Project Information

Funds requested in FY20/21 will be used for engineering associated with the planning and engineering associated with the relocation of City-owned water main and sanitary sewer. As part of the improvements, IL Rt. 47 is to be widened. At the conclusion of the project, IDOT would prefer that all utilities are relocated outside of the new paved traffic lanes. Funds are requested to pay for plans and engineering associated with the relocation of utilities so that IDOT can add them to their final construction drawings.

FY21/22 Project Information

The IL Rt. 47 Improvements will take at least two years to construct. The City will be obligated to pay between 50% – 80% percent of the local share of the improvements at the start of construction. The local cost share in this case is for the relocation of City-owned water main and sanitary sewer (est. \$3,642,600 total) and other services related to construction layouts and engineering inspections.

FY23/24 Project Information

Once IL Rt. 47 improvements are complete, the City will be invoiced for the remainder of the local share of costs for water main and sanitary sewer relocation related to IL Rt. 47 roadway improvements from US Rt. 14 to IL Rt. 120.

South/Lake/Madison Roundabout

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 585,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

Based upon the recommendations of the Woodstock Square Streetscape Guidelines for improvements at the intersection of Lake/South/Madison, City staff entered this project into the McHenry County Council of Mayors Surface Transportation Program (STP) in 2013. The project remains as an approved project in the FY 2016-2020 STP scheduled program.

The project is in phase 2 with the acquisition of land for both permanent and temporary construction easements underway. At the present time, three of the six parcels to be acquired are complete. Two of the remaining three parcels are owned by the same party. The City has requested the State consider a Quick-Take Condemnation Bill for the remaining properties so it can proceed with construction. The City is hopeful that land acquisition certification would be completed by early winter 2020 resulting in a March 2021 construction letting. The McHenry County Council of Mayors call for STP projects opens back up in January 2020. The City plans to resubmit this project for programming resulting in the possibility of receiving a maximum of \$1.5 million dollars of federal aid in constructing this intersection improvement.

No project costs associated with water main or sanitary sewer replacement or relocation were expended in FY19/20.

FY21/22 Project Information

Plans for the proposed roundabout include a March 2021 bid letting. Most of the construction will take place in calendar year 2021. All water main and sanitary sewer lines under and through the roundabout will either be relocated outside the roundabout or replaced to avoid having to repair or replace them after the roundabout is in use. As a result, funding in the amount of \$585,000 has been incorporated within the Utility – CIP Fund to complete these improvements.

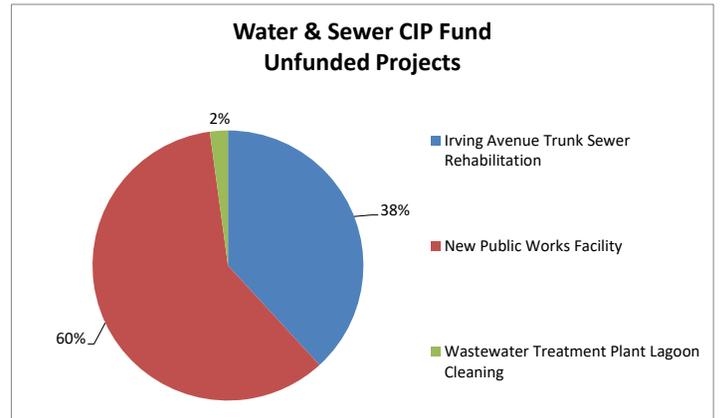
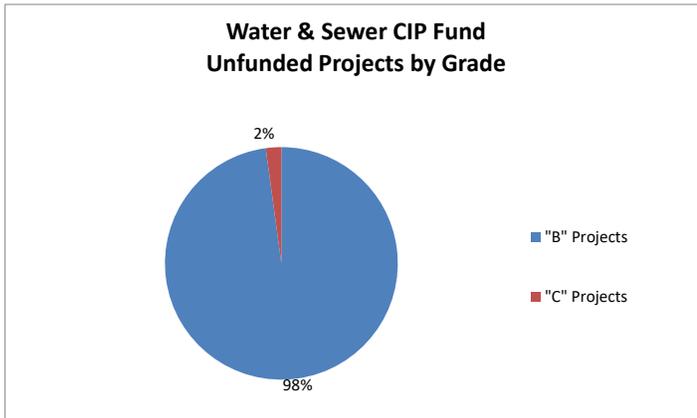


**Water & Sewer Fund
Capital Improvement
Program
Unfunded**

**CIP Document
FY20/21-FY29/30**

Water & Sewer Fund CIP – Unfunded Projects

Unfunded projects have been identified and included within this section based on the categories previously defined in the Unfunded Section of the General Corporate Fund – CIP. In the future these projects may experience modifications to priority status, warrant funding, or benefit from additional resources that could include grant funding. However, based on current revenue projections and other priority projects, the projects included within this section currently remain unfunded and may require either future debt financing or the establishment of new/expanded revenue sources.



Water & Sewer CIP Fund Unfunded Projects		
Description	Amount	Grade
Irving Avenue Trunk Sewer Rehabilitation	\$ 1,600,000	B
New Public Works Facility	2,500,000	B
Wastewater Treatment Plant Lagoon Cleaning	90,000	C
Total	\$ 4,190,000	

Irving Avenue Trunk Sewer Rehabilitation

Requested Amount	\$ 1,600,000	Grade	B
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Project Description

Funds are requested to pay for improvements to the trunk line entering the Irving Avenue Liftstation. Consulting Engineers, Baxter & Woodman completed an investigation and study of the trunk sewer in 2015. They found that due to poor soil conditions, the sewer has settled as much as 2 ¾ feet creating a reduction in velocity allowing sediment and debris to settle out, reducing the sewers capacity while at the same time causing septic conditions. This sag has caused multiple leaks in the manhole structures and in the joints that connect the pipe. Repairs will likely require the use of pilings, planks, pile caps at manholes, etc. These conditions significantly drive up the cost of this project. The funded CIP requests funds to design and permit the necessary work in FY22/23. This project could then be let for construction. It is likely that the City will have to secure a loan to cover estimated construction costs planned for FY23/24 for an estimated \$1.6 million dollars.



New Public Works Facility

Requested Amount	\$ 2,500,000	Grade	B
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Project Description

If the existing public works facility is to serve the City in the future, several improvements to both the existing site and the existing buildings on the site should be completed. If the City were to improve the existing site, it would cost about half as much as it would to relocate the Department and build new. With renewed interest in the development of the Woodstock Station site, the land that the Public Works facility is built upon is too valuable from a planning and development perspective to remain in use. As a result, the City should firm up some sort of plan to relocate the Public Works Department. Because the Sewer and Water Maintenance Division is housed in the Public Works Facility, one third of the costs for maintenance and replacement are generated from the Utility Fund CIP. A new facility is expected to cost as much as \$12 million dollars with \$2.5 million dollars of this expense being generated from the Utility Fund. This type of project would require the issuance of bonds to fund its construction. Estimated timeline for relocation of Public Works is 3-5 years meaning that construction could begin at the earliest in FY23/24.



WWTP Lagoon Cleaning

Requested Amount	\$90,000	Grade	C
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Project Description

Lagoon Cleaning (\$90,000): The tertiary treatment of wastewater at the Northside Wastewater Treatment Facility consists of two polishing ponds (lagoons). These lagoons provide a final settling point for solids. They also provide an opportunity for elimination of unwanted nutrients from treated effluent water before entering the contact tank, a procedure known as polishing. As a means of flow control, they also receive some raw wastewater by design during high flow (heavy rain/ snow melt), so the secondary system does not become hydraulically overloaded. Depending upon the frequency of this diversion of flow, solids can accumulate in the bottom of the lagoons that eventually require removal. Maintenance of these polishing ponds is essential for the City to remain complaint with its NPDES Permit.





**Water & Sewer
Capacity
Capital Improvement
Program**

**CIP Document
FY20/21-FY29/30**

Water & Sewer Capacity Fund CIP-Overview

OVERVIEW

The City has developed a separate budget and accounting mechanism for capital improvement projects that will increase the capacity of the City's utility systems. Provided within the Water and Sewer Capacity Fund - CIP is a separate section for the proposed capital improvement projects that are directly related to increasing capacity and will allow the City to continue to separate out growth projects in the future. Through this separate budget process, the City is able to hold funds received from new development to grow the Utility Capacity Fund - CIP fund balance for the purpose of increasing capacity in the future and, through this Fund's revenue from new residents, pay back bonds used for expanding the system's treatment plant capacities.

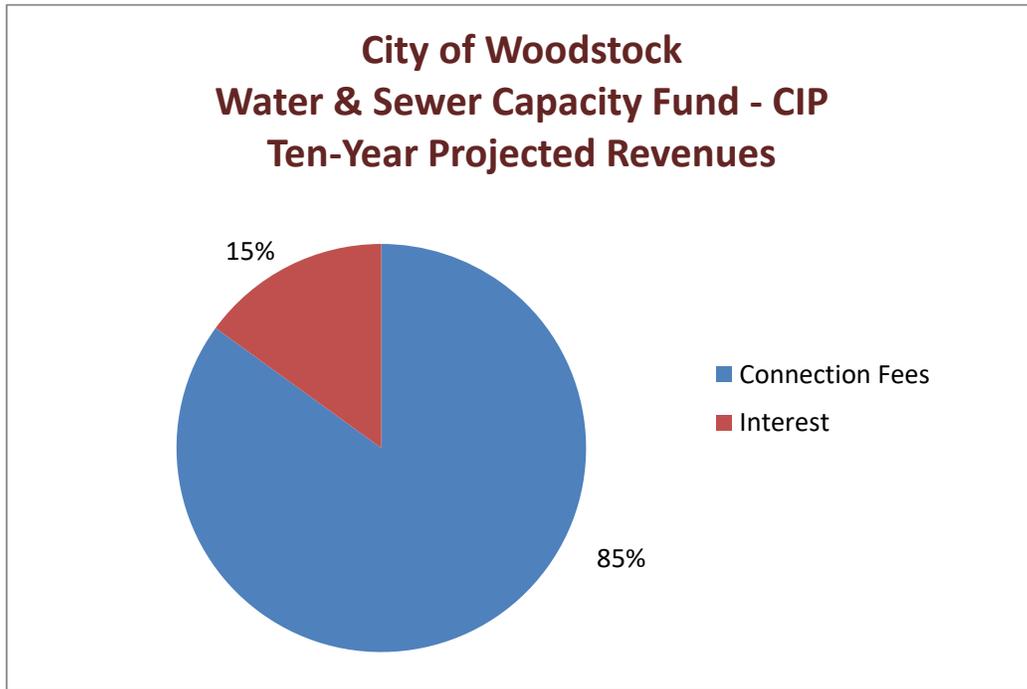
One of the biggest challenges facing the City, with respect to utility operations, is to accurately anticipate the pace and schedule of new developments and to plan for the corresponding capacity expansions accordingly. During FY05/06, the City completed a comprehensive review and update of both the Water System Master Plan and the Sanitary Sewer Master Plan, which is currently being updated and should be completed by the end of FY19/20. These documents serve as very valuable planning tools and guides that have been used for the planning, review, and approval of utility system improvements. The Master Plan documents are used to assist the City in requiring new developments to construct improvements that meet the City's overall standards and goals, and in a manner that is based on the needs of the overall system. Despite this plan, the pace of development and actual schedule of new developments by the private sector has the ultimate direct impact on the timing of improvements that will need to be reevaluated annually.

This approach attempts to determine the actual costs for future expansions related to the capacity of the City's water and wastewater treatment plants and water storage facilities. The City remains committed to the goal of having new development pay its fair share of the cost for expanding the systems to serve their respective developments.

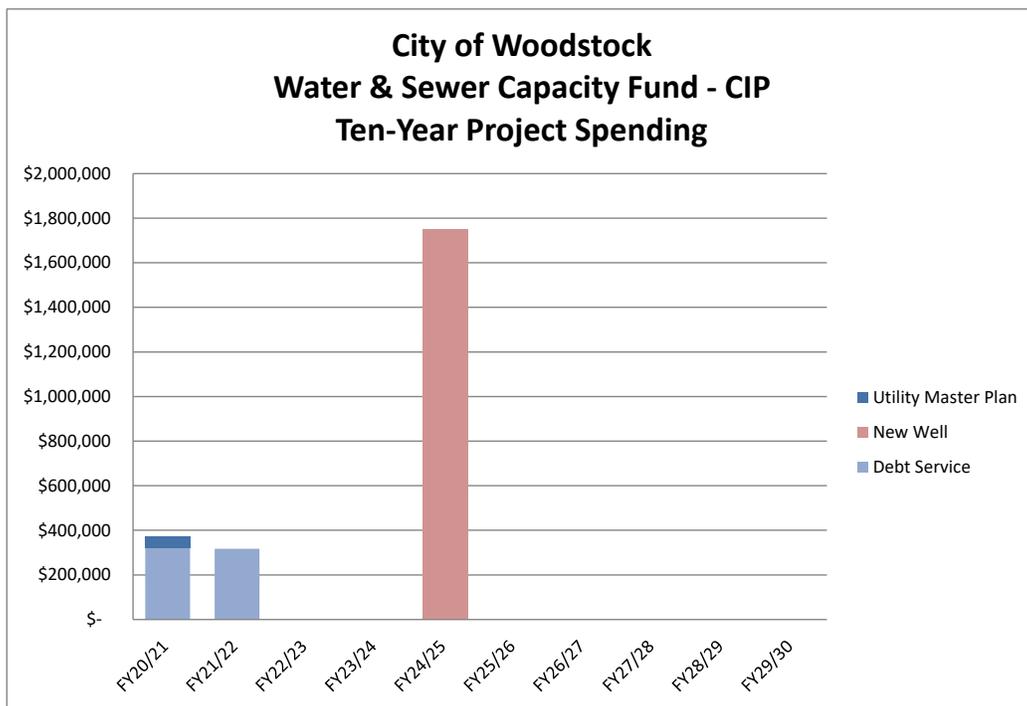
The Water & Sewer Capacity Fund is estimating the collection of \$5.0 million in revenues, which will be allocated over the ten-year period. Of this amount, over \$4.2 million is forecasted to be generated from connection fees.

Water & Sewer Capacity Fund CIP-Overview

As illustrated in the graph below, the connection fees will represent 85% of the total funding provided for the CIP program with the remaining 15% coming from interest earnings.

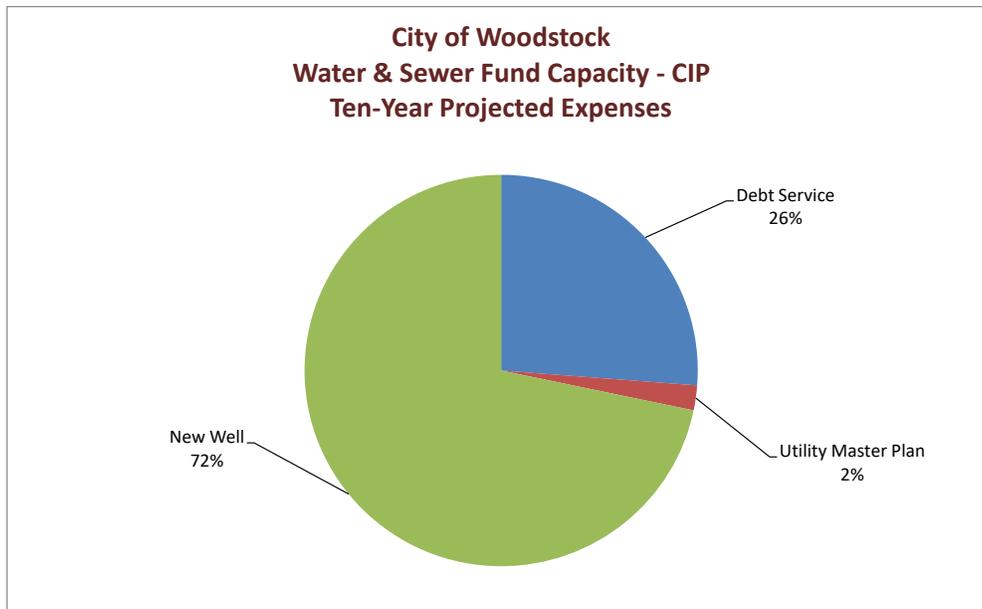


The proposed FY20/21 – FY29/30 Water & Sewer Capacity Fund – CIP, as presented, identifies \$1.8 million in spending for projects, \$2.44 million if you include debt payments, to be funded over the ten-year planning period. They are broken out by year as follows:

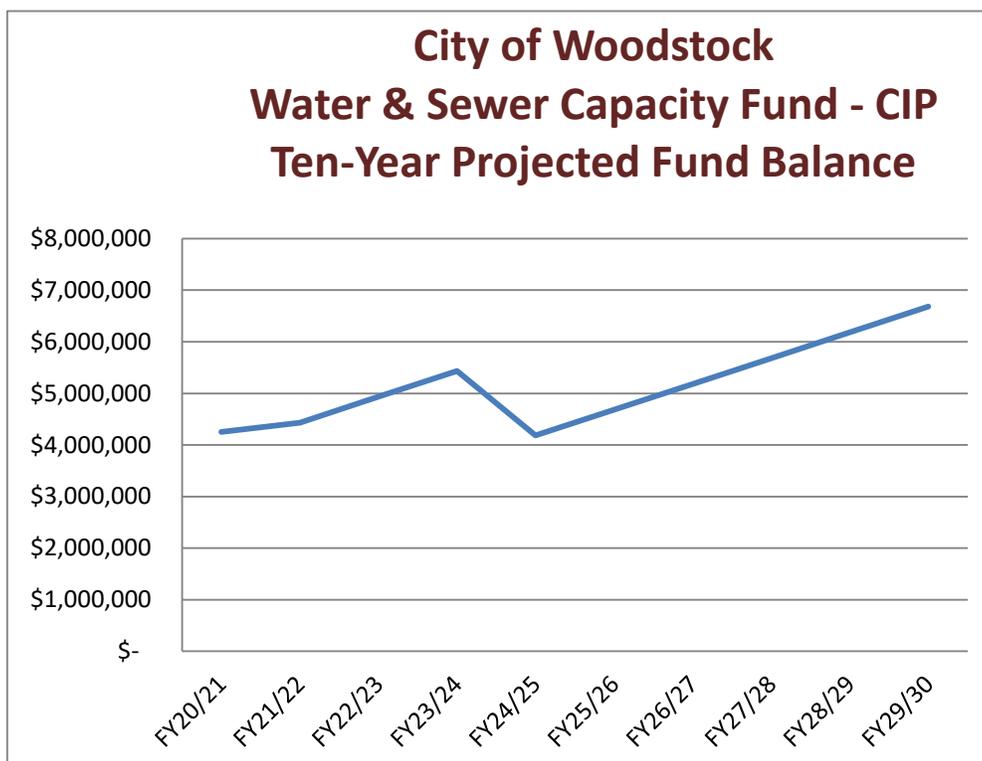


Water & Sewer Capacity Fund CIP-Overview

The following chart illustrates the proposed projects for the ten-year planning period. Costs for a new well represent the largest category of proposed spending, with costs for debt payments representing the remainder.



As outlined below, any revenues collected annually that exceed expenditures are retained and are accumulated as fund balance. This fund balance is held for future capital improvement projects and capital costs that are incurred in order for the City to increase the capacity of the utility infrastructure to accommodate new customers and new growth.



Water & Sewer Capacity Fund CIP-Revenues/Expenses

Water & Sewer Capacity Fund Funded Projects	FY19/20 Budget	FY19/20 Projected	1 FY20/21	2 FY21/22	3 FY22/23	4 FY23/24	5 FY24/25	6 FY25/26	7 FY26/27	8 FY27/28	9 FY28/29	10 FY29/30	Ten Year Totals
Beginning Fund Balance	\$ 4,244,500	\$ 4,244,500	\$ 4,122,800	\$ 4,250,100	\$ 4,433,300	\$ 4,933,300	\$ 5,433,300	\$ 4,183,300	\$ 4,683,300	\$ 5,183,300	\$ 5,683,300	\$ 6,183,300	\$ 4,122,800
REVENUES													
Sales of Goods and Services													
Connection Fees	425,000	150,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	4,250,000
TOTAL SALES OF GOODS AND SERVICES	\$ 425,000	\$ 150,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 4,250,000
OTHER													
Interest	117,500	105,600	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
TOTAL OTHER	\$ 117,500	\$ 105,600	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 750,000
TOTAL REVENUES	\$ 542,500	\$ 255,600	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000
EXPENSES													
DEBT SERVICE													
Series 2010D	\$ 317,000	\$ 317,000	\$ 322,400	\$ 316,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 638,900
Fiscal Agent Fees	300	300	300	300	-	-	-	-	-	-	-	-	600
TOTAL DEBT SERVICE	\$ 317,300	\$ 317,300	\$ 322,700	\$ 316,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 639,500
CAPITAL OUTLAY													
Utility Master Plan	\$ 40,000	\$ 60,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
New Well	-	-	-	-	-	-	1,750,000	-	-	-	-	-	1,750,000
TOTAL CAPITAL OUTLAY	\$ 40,000	\$ 60,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000
TOTAL W&S CAPACITY FUND EXPENSES	\$ 357,300	\$ 377,300	\$ 372,700	\$ 316,800	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,439,500
NET INCREASE (DECREASE)	\$ 185,200	\$ (121,700)	\$ 127,300	\$ 183,200	\$ 500,000	\$ 500,000	\$ (1,250,000)	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,560,500
Ending Fund Balance	\$ 4,429,700	\$ 4,122,800	\$ 4,250,100	\$ 4,433,300	\$ 4,933,300	\$ 5,433,300	\$ 4,183,300	\$ 4,683,300	\$ 5,183,300	\$ 5,683,300	\$ 6,183,300	\$ 6,683,300	\$ 6,683,300

Connection Fees

FY19/20 Budget		\$ 425,000	
FY19/20 Projected		\$ 150,000	
<hr/>			
FY20/21	\$ 425,000	FY25/26	\$ 425,000
FY21/22	\$ 425,000	FY26/27	\$ 425,000
FY22/23	\$ 425,000	FY27/28	\$ 425,000
FY23/24	\$ 425,000	FY28/29	\$ 425,000
FY24/25	\$ 425,000	FY29/30	\$ 425,000

Revenue Description

Every new connection made to the City’s water and/or sewer system is required to pay a connection fee. Unlike other capital expansion fees collected by the City such as parks, schools, and library, these fees are charged with commercial and industrial permits as well as residential. This fee is intended to represent the value of providing the current treatment infrastructure already in place that allows the property owner to be able to make the connection. Connection fees have been established in order to provide a means of funding to help maintain the City’s current level of service for the utility operation. The costs and fees are based ONLY on capacity cost items (e.g. water treatment plant, wastewater treatment plant, water storage), and do NOT include any costs associated with normal operations and maintenance, or costs associated with the sewer collection system and the water distribution system.

Interest Income

FY19/20 Budget		\$ 117,500	
FY19/20 Projected		\$ 105,600	
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FY20/21	\$ 75,000	FY25/26	\$ 75,000
FY21/22	\$ 75,000	FY26/27	\$ 75,000
FY22/23	\$ 75,000	FY27/28	\$ 75,000
FY23/24	\$ 75,000	FY28/29	\$ 75,000
FY24/25	\$ 75,000	FY29/30	\$ 75,000

Revenue Description

These amounts represent the interest earned each year on invested Water & Sewer Capacity funds

Debt Service

FY19/20 Budget		\$ 317,000	
FY19/20 Projected		\$ 317,000	
FY20/21	\$ 322,400	FY25/26	\$ 0
FY21/22	\$ 316,500	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

FY19/20 Payments were funded as required per the Bond Ordinance.

FY20/21 to FY21/22 Project Information

In 2002, the City issued \$4.1 million in Alternate Revenue Bonds to allow for the completion of several improvements that would increase the capacity of the Seminary Avenue Water Treatment Plant. Since this project was initiated to increase the capacity of the system, 100% of the related debt service payment is funded through the connection charges collected from the Utility Capacity – CIP Fund. The original bonds were refunded in 2010, which resulted in reduced interest costs.

Payment Date	Principal	Interest	Total	Annual Debt Payment
6/1/2020		\$ 11,156.25	\$ 11,156.25	
12/1/2020	\$ 300,000.00	\$ 11,156.25	\$ 311,156.25	\$ 322,312.50
6/1/2021		\$ 5,718.75	\$ 5,718.75	
12/1/2021	\$ 305,000.00	\$ 5,718.75	\$ 310,718.75	\$ 316,437.50

Master Plans

FY19/20 Budget		\$ 40,000	
FY19/20 Projected		\$ 60,000	
FY20/21	\$ 50,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 0	FY29/30	\$ 0



FY19/20 Status Update

The City initiated the update of its 2006 Water Master Plan in FY18/19 awarding a contract to Consulting Engineers, Baxter & Woodman. The plan update carried into FY19/20 primarily due to the need to gather information for input into a software-based model of the City’s water distribution system. Additional costs were accrued during the fiscal year because during the development of the model, developers were requesting information about the system pressure and flow based upon new residential units in an area south of US Route 14 and north of Lucas Road. In addition, City staff was inquiring about development in the area north of IL Rt. 120 between Rose Farm Road and Wicker Street. These requests significantly delayed the completion date of the report and model. The model is complete and it is currently in use. The completion of the Water Master Plan report is scheduled for March 2020.

FY20/21 Project Information

The City believes that it will qualify for a ComEd energy grant for improvements at the North and South side Wastewater Treatment Plants. In order to be considered; however, the City would have to have an updated Facilities Planning Report for each of its wastewater treatment facilities. The last Facility Plan was completed in 2008. The updated plan will serve as a guide for equipment replacement, evaluate improvements to meet potential future regulations, update projected hydraulic, organic, and solids loading and forecast improvements needed to expand capacity. This work will be completed before the end of FY20/21.

New Drinking Water Well

FY19/20 Budget		\$ 0	
FY19/20 Projected		\$ 0	
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FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0
FY24/25	\$ 1,750,000	FY29/30	\$ 0



FY24/25 Project Description

One of the City’s wells has experienced a reduction in its pumping rate. This issue has been corrected by performing bore blasting, but this is a short-term solution. If the gravel pack is plugging, bore blasting becomes less effective. If this is indeed the case, it may be necessary to drill a new well in the future. In addition, it is prudent to include the cost for drilling a new well should there be a need based on growth in the community. Estimated costs to drill a new well, install pump equipment, and provide electrical power total \$1,750,000. If drilling the new well in close proximity to an existing well is not feasible, costs would increase due to the need to build a pipeline from the well to the nearest treatment facility. It is recommended that funds be reserved for the drilling of a new well on or around FY24/25 or as needed.