

CITY OF

WOODSTOCK

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

ILLINOIS

FY19/20—FY28/29

CIP Document



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Schedule of Public Officials

Members of the City Council

Dr. Brian Sager, Mayor

Councilman Daniel Hart
Councilwoman Maureen Larson
Councilman Jim Prindiville
Councilman Mark Saladin
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
Mark Greenleaf, Opera House Building Manager
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
Barry Pierce, Streets Superintendent
Deborah Schober, Human Resources Director
Will Smith, Water Superintendent
Holly Stika, Front of House Manager
Jeff Van Landuyt, Public Works Director
Nick Weber, Library Director
Terry Willcockson, Grants/Communications Manager
J. David Zinnen, Recreation Director

Overview

INTRODUCTION

The FY19/20-FY28/29, 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 last year, 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.

Tax Increment Financing (TIF) CIP is segregated into its own section since the TIF receives a dedicated property tax increment that can only be used for projects contained within the TIF boundaries. The current TIF is scheduled to expire in FY21/22.

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

Overview

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.

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 for review and discussion at a Special Workshop Council Meeting held on January 14, 2019. 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, 2019.

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

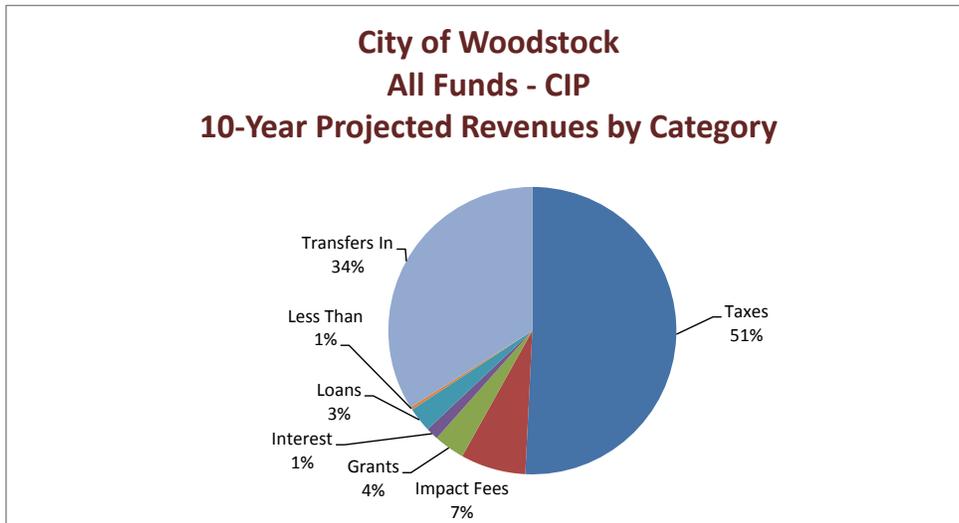
- 1. Focusing attention on community goals, needs, and capabilities.** The CIP process insures that the CIP projects reflect community-wide goals and identifies available resources. It requires that projects be looked at collectively as opposed to individually to determine their value to the community. 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.

Overview

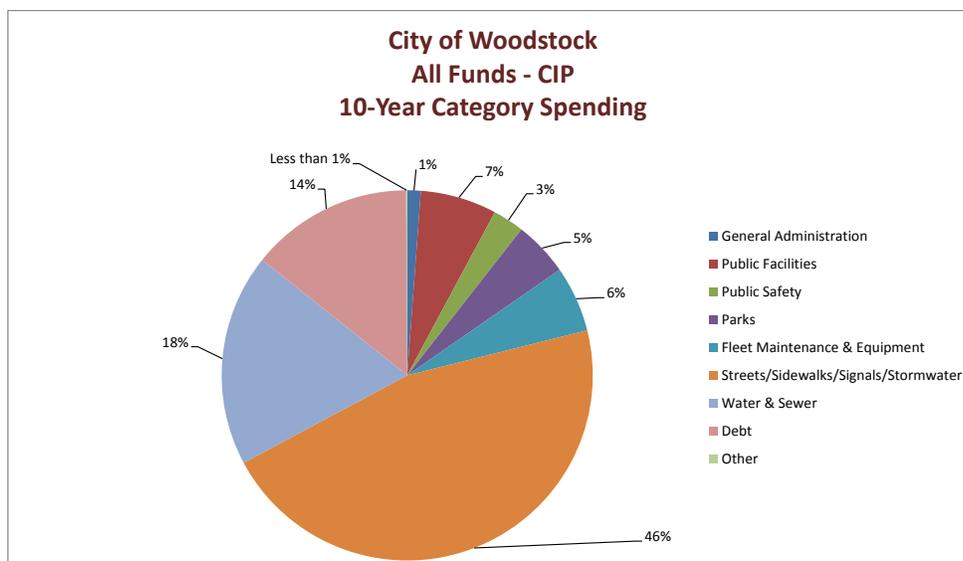
4. **Serving wider community interests.** Projects within the CIP are prioritized, in part, on the basis of greatest benefit to the greatest number of City residents as opposed to usually narrower department objectives.
5. **Encouraging more efficient government.** Coordination of capital improvements 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 \$70.7 million in dedicated revenues and \$65.9 million in spending between five separate funds (i.e., General Corporate – CIP, Library, TIF, Water & Sewer, and Water & Sewer Capacity). The majority of revenues will be generated from taxes, representing \$35.9 million or 51% 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.

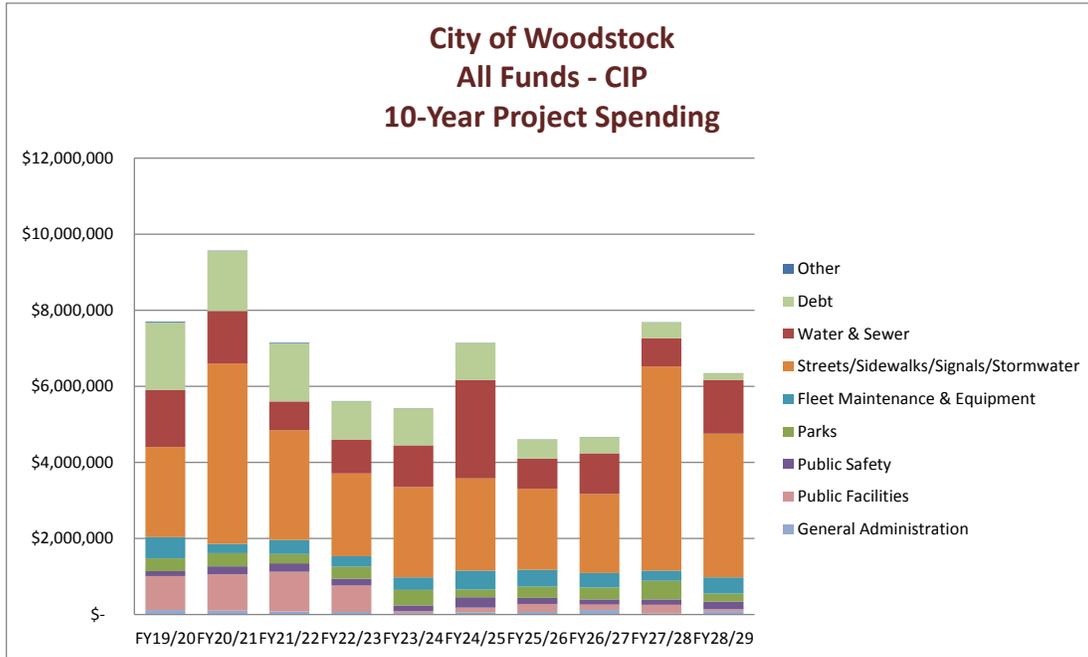


Funding dedicated to the replacement and maintenance of underground infrastructure and street resurfacing will encompass the largest overall spending category, representing \$30.4 million or 46% of all CIP expenditures. Water & Sewer is the next largest, representing \$12.2 million or 18% of all CIP expenditures.

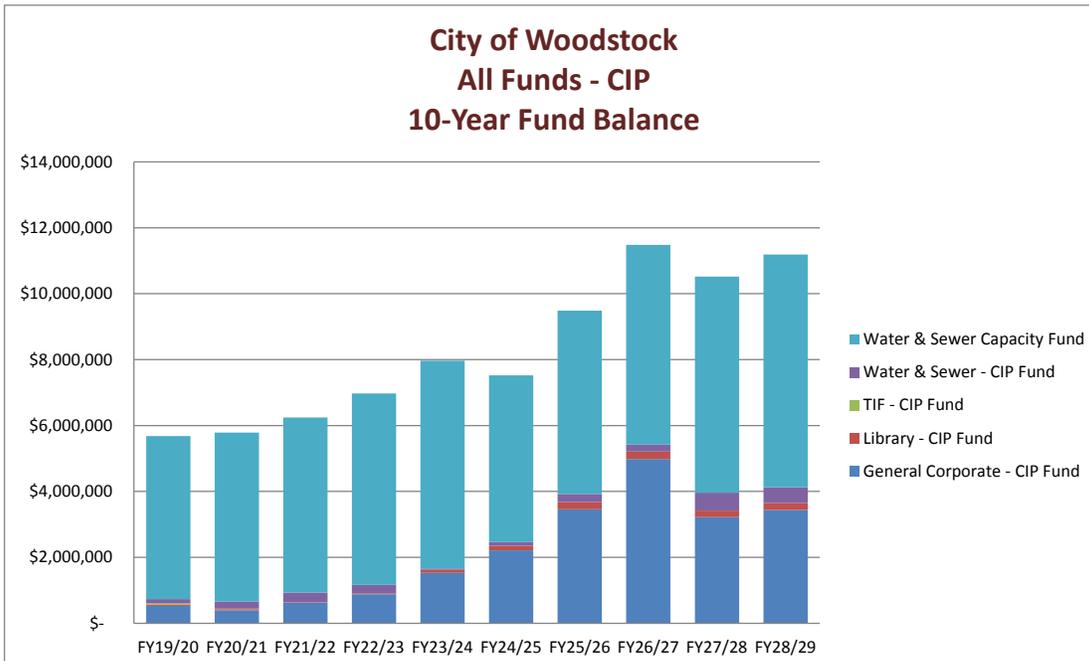


Overview

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 five 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	FY18/19	FY18/19	1	2	3	4	5	6	7	8	9	10	Ten-Year Totals
	Budget	Projected	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	
Beginning Fund Balance	\$ 6,208,000	\$ 6,208,000	\$ 6,398,900	\$ 5,682,100	\$ 5,787,550	\$ 6,242,800	\$ 6,972,050	\$ 7,969,200	\$ 7,521,650	\$ 9,483,900	\$ 11,477,450	\$ 10,521,600	\$ 6,398,900
Financial Sources													
Taxes	\$ 3,640,400	\$ 3,811,200	\$ 3,884,500	\$ 3,754,000	\$ 3,799,700	\$ 3,346,500	\$ 3,394,400	\$ 3,443,500	\$ 3,493,700	\$ 3,545,200	\$ 3,597,900	\$ 3,651,800	\$ 35,911,200
Impact Fees	522,000	1,022,300	517,000	517,000	517,000	517,000	517,000	517,000	517,000	517,000	517,000	517,000	5,170,000
Grants	110,000	100,000	50,000	1,300,000	685,000	-	-	200,000	-	15,000	-	200,000	2,450,000
Interest	85,700	135,900	106,400	106,400	106,400	96,100	96,100	96,100	96,100	96,100	96,100	96,100	991,900
Loans	-	-	375,000	1,585,000	-	-	-	-	-	-	-	-	1,960,000
Other	37,200	30,700	60,700	81,200	81,700	-	-	-	-	-	-	-	223,600
TOTAL REVENUES BEFORE TRANSFERS	\$ 4,395,300	\$ 5,100,100	\$ 4,993,600	\$ 7,343,600	\$ 5,189,800	\$ 3,959,600	\$ 4,007,500	\$ 4,256,600	\$ 4,106,800	\$ 4,173,300	\$ 4,211,000	\$ 4,464,900	\$ 46,706,700
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfers In	\$ 1,674,400	\$ 1,674,400	\$ 2,036,900	\$ 2,328,550	\$ 2,416,450	\$ 2,379,150	\$ 2,409,050	\$ 2,436,550	\$ 2,459,950	\$ 2,486,450	\$ 2,513,350	\$ 2,540,950	\$ 24,007,350
Transfer Out	(43,400)	(42,600)	(47,100)	-	-	-	-	-	-	-	-	-	(47,100)
NET TRANSFERS	\$ 1,631,000	\$ 1,631,800	\$ 1,989,800	\$ 2,328,550	\$ 2,416,450	\$ 2,379,150	\$ 2,409,050	\$ 2,436,550	\$ 2,459,950	\$ 2,486,450	\$ 2,513,350	\$ 2,540,950	\$ 23,960,250
TOTAL REVENUES AFTER TRANSFERS	\$ 6,026,300	\$ 6,731,900	\$ 6,983,400	\$ 9,672,150	\$ 7,606,250	\$ 6,338,750	\$ 6,416,550	\$ 6,693,150	\$ 6,566,750	\$ 6,659,750	\$ 6,724,350	\$ 7,005,850	\$ 70,666,950
EXPENSES													
General Administration	\$ 212,000	\$ 175,100	\$ 115,600	\$ 103,000	\$ 76,300	\$ 65,600	\$ 41,000	\$ 60,400	\$ 64,000	\$ 120,000	\$ 35,200	\$ 92,000	\$ 773,100
Public Facilities	815,500	816,500	895,500	951,300	1,048,000	695,000	50,000	120,000	215,000	138,000	220,000	50,000	4,382,800
Public Safety	105,700	179,100	127,000	214,000	219,000	183,000	148,000	271,000	155,000	140,000	140,000	195,000	1,792,000
Parks	328,500	207,000	340,000	345,000	245,000	310,000	405,000	208,000	296,000	310,000	488,000	210,000	3,157,000
Fleet Maintenance & Equipment	330,000	327,100	555,000	243,000	368,000	278,000	330,000	490,000	445,000	380,000	270,000	430,000	3,789,000
Streets/Sidewalks/Signals/Stormwater	2,314,000	2,328,100	2,370,000	4,745,000	2,892,000	2,180,000	2,375,000	2,430,000	2,130,000	2,080,000	5,370,000	3,780,000	30,352,000
Water & Sewer	775,000	703,600	1,507,000	1,379,000	754,000	887,000	1,097,000	2,586,000	798,000	1,072,000	735,000	1,406,000	12,221,000
Debt	1,778,600	1,779,200	1,767,700	1,573,700	1,535,700	1,009,400	971,400	973,300	499,500	424,200	420,000	175,000	9,349,900
Other	20,600	25,300	22,400	12,700	13,000	1,500	2,000	2,000	2,000	2,000	2,000	2,500	62,100
TOTAL EXPENSES	\$ 6,679,900	\$ 6,541,000	\$ 7,700,200	\$ 9,566,700	\$ 7,151,000	\$ 5,609,500	\$ 5,419,400	\$ 7,140,700	\$ 4,604,500	\$ 4,666,200	\$ 7,680,200	\$ 6,340,500	\$ 65,878,900
NET INCREASE (DECREASE)	\$ (653,600)	\$ 190,900	\$ (716,800)	\$ 105,450	\$ 455,250	\$ 729,250	\$ 997,150	\$ (447,550)	\$ 1,962,250	\$ 1,993,550	\$ (955,850)	\$ 665,350	\$ 4,788,050
Ending Fund Balance	\$ 5,554,400	\$ 6,398,900	\$ 5,682,100	\$ 5,787,550	\$ 6,242,800	\$ 6,972,050	\$ 7,969,200	\$ 7,521,650	\$ 9,483,900	\$ 11,477,450	\$ 10,521,600	\$ 11,186,950	\$ 11,186,950



General Corporate

CIP Document FY19/20-FY28/29

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:

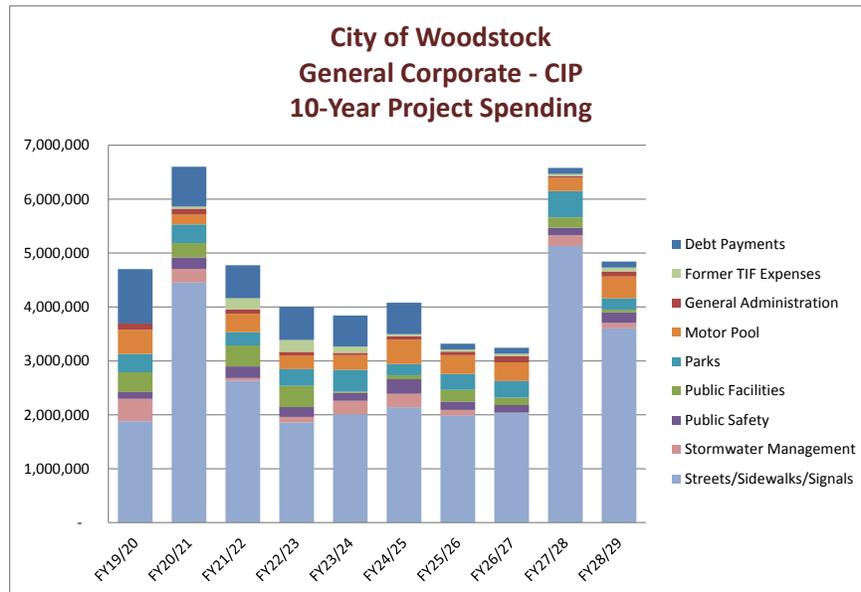
- 1. Debt Service** – The City has issued bonded debt to fund the construction of several public facility and roadway improvements. The Debt Service section reviews the respective payments for the associated debt. General Obligation Bonds issued for the Aquatic Center are repaid utilizing a dedicated 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 (approximately \$140,000 per year), and, most importantly, the dedication of funds to ensure an appropriate Annual Street Resurfacing Program (\$20.0 million over the ten-year planning period) will absorb much of the CIP revenues needed for transportation projects. In addition, long-term planning allows the City to accumulate reserves to pay for the City’s anticipated costs related to the expansion of Route 47 improvements.
- 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

General Corporate CIP - Overview

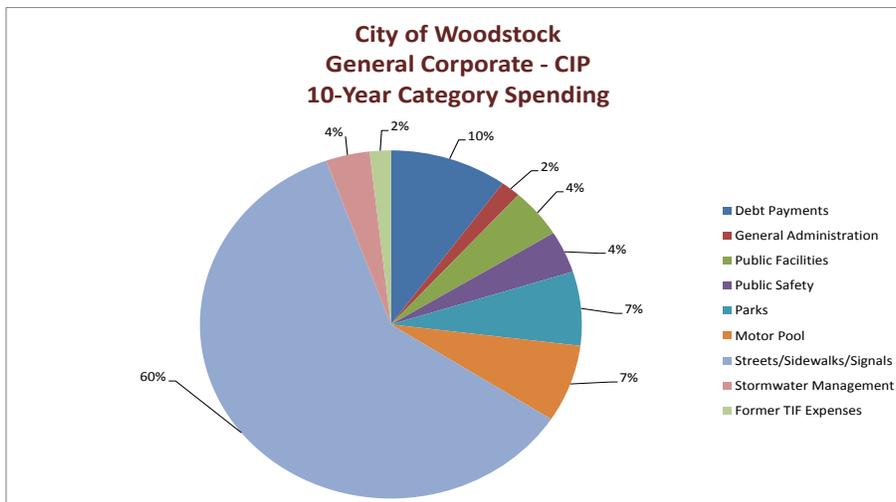
necessary on an annual basis to address necessary repairs and areas that will require replacement. In addition to the annual maintenance, the City does receive requests from residents each year to improve drainage in the public right of way.

- Former TIF** – Currently, the TIF 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. 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.

The proposed FY19/20 – FY28/29 General Corporate CIP, as presented, identifies \$45,983,600 in spending for projects to be funded over the next 10 years. They are broken out by year as follows:

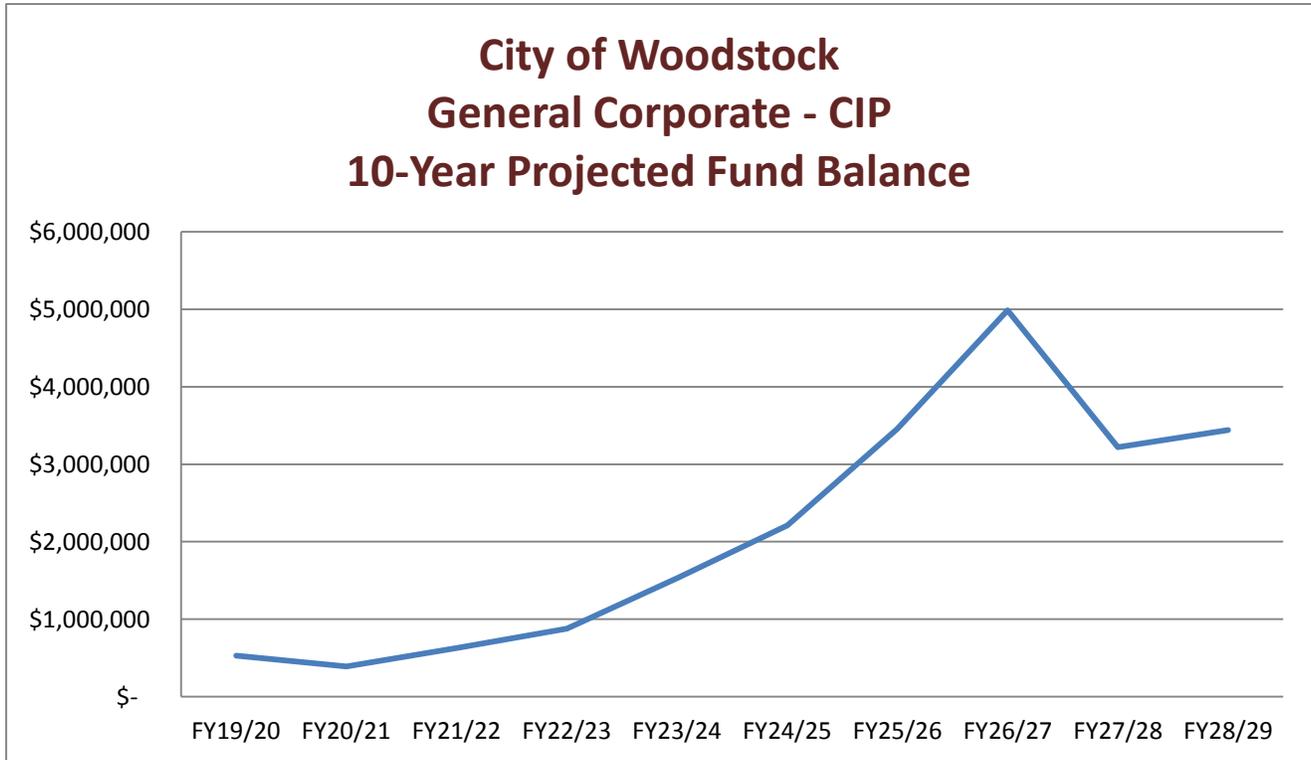


The following chart illustrates the proposed projects for the ten-year planning period by category. As can easily be identified, Streets/Sidewalks/Signals represent the largest category of proposed spending for the General Corporate - CIP Fund.



General Corporate CIP - Overview

Finally, the projected Fund Balance for each year has been illustrated in the chart provided below. Fund balance is being accumulated within the General Corporate – CIP Fund in anticipation of the City’s contribution in FY27/28 and FY28/29 for improvements to Route 47.



General Corporate CIP - Overview

General Corporate - CIP Fund Overview	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Beginning Fund Balance	\$ 2,056,500	\$ 2,056,500	\$ 1,425,800	\$ 530,100	\$ 389,450	\$ 628,500	\$ 880,150	\$ 1,531,000	\$ 2,211,050	\$ 3,457,000	\$ 4,986,450	\$ 3,218,400	\$ 1,425,800
REVENUES													
FEES													
Telecommunication Tax	\$ 500,000	\$ 490,700	\$ 480,000	\$ 470,000	\$ 460,000	\$ 450,000	\$ 440,000	\$ 430,000	\$ 420,000	\$ 410,000	\$ 400,000	\$ 390,000	\$ 4,350,000
Home Rule Sales Tax (1%)	2,512,000	2,675,000	2,728,500	2,783,000	2,838,700	2,895,500	2,953,400	3,012,500	3,072,700	3,134,200	3,196,900	3,260,800	29,876,200
Capital Expansion Fees-Police	45,000	65,000	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	17,300	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	120,000
TOTAL FEES	\$ 3,069,000	\$ 3,248,000	\$ 3,265,500	\$ 3,310,000	\$ 3,355,700	\$ 3,402,500	\$ 3,450,400	\$ 3,499,500	\$ 3,549,700	\$ 3,601,200	\$ 3,653,900	\$ 3,707,800	\$ 34,796,200
INTERGOVERNMENTAL													
Safe Routes to School Grant	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 600,000
Miscellaneous Grants	-	-	-	1,100,000	685,000	-	-	-	-	15,000	-	-	1,800,000
TOTAL INTERGOVERNMENTAL	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 685,000	\$ -	\$ -	\$ 200,000	\$ -	\$ 15,000	\$ -	\$ 200,000	\$ 2,400,000
OTHER													
Miscellaneous	5,000	-	-	-	-	-	-	-	-	-	-	-	-
Interest Income	\$ 32,900	\$ 49,000	30,000	30,000	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	230,000
Loan Revenue	-	-	-	1,000,000	-	-	-	-	-	-	-	-	1,000,000
TOTAL OTHER	\$ 37,900	\$ 49,000	\$ 30,000	\$ 1,030,000	\$ 30,000	\$ 20,000	\$ 20,000	\$ 1,230,000					
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfer from General Fund	\$ 172,100	\$ 172,100	\$ 170,500	\$ 510,450	\$ 572,450	\$ 522,450	\$ 707,450	\$ 722,450	\$ 682,450	\$ 822,450	\$ 822,450	\$ 822,450	\$ 6,355,550
Transfer from Park Development	73,000	73,000	64,100	53,900	54,400	54,800	53,600	53,600	53,600	53,600	53,600	53,600	548,800
Transfer from Environmental Management	199,300	199,300	199,300	195,700	199,100	196,900	203,100	205,200	202,600	202,600	202,600	202,600	2,009,700
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 Recreation Center Fund	-	-	18,000	-	60,000	-	-	-	-	-	-	-	78,000
	\$ 502,400	\$ 502,400	\$ 509,900	\$ 818,050	\$ 943,950	\$ 832,150	\$ 1,022,150	\$ 1,039,250	\$ 996,650	\$ 1,136,650	\$ 1,136,650	\$ 1,136,650	\$ 9,572,050
TOTAL REVENUES	\$ 3,609,300	\$ 3,799,400	\$ 3,805,400	\$ 6,458,050	\$ 5,014,650	\$ 4,254,650	\$ 4,492,550	\$ 4,758,750	\$ 4,566,350	\$ 4,772,850	\$ 4,810,550	\$ 5,064,450	\$ 47,998,250
EXPENSES													
Debt Payments	\$ 1,011,000	\$ 1,011,000	\$ 1,006,000	\$ 737,400	\$ 612,300	\$ 616,400	\$ 577,700	\$ 584,300	\$ 110,400	\$ 110,400	\$ 110,400	\$ 110,400	\$ 4,575,700
General Administration	212,000	175,100	115,600	103,000	76,300	65,600	41,000	60,400	64,000	120,000	35,200	92,000	773,100
Public Facilities	382,000	285,500	367,500	266,300	388,000	395,000	20,000	70,000	215,000	138,000	190,000	50,000	2,099,800
Public Safety	105,700	179,100	127,000	214,000	219,000	183,000	148,000	271,000	155,000	140,000	140,000	195,000	1,792,000
Parks	328,500	207,000	340,000	345,000	245,000	310,000	405,000	208,000	296,000	310,000	488,000	210,000	3,157,000
Motor Pool	310,000	293,700	450,000	188,000	343,000	253,000	275,000	455,000	350,000	345,000	245,000	405,000	3,309,000
Streets/Sidewalks/Signals	2,078,000	2,159,500	1,880,000	4,455,000	2,630,000	1,860,000	2,010,000	2,140,000	1,990,000	2,040,000	5,130,000	3,605,000	27,740,000
Stormwater Management	136,000	74,900	415,000	250,000	50,000	100,000	250,000	250,000	100,000	-	200,000	100,000	1,715,000
Former TIF Expenses	40,000	44,300	-	40,000	212,000	220,000	115,000	40,000	40,000	40,000	40,000	75,000	822,000
TOTAL EXPENSES	\$ 4,603,200	\$ 4,430,100	\$ 4,701,100	\$ 6,598,700	\$ 4,775,600	\$ 4,003,000	\$ 3,841,700	\$ 4,078,700	\$ 3,320,400	\$ 3,243,400	\$ 6,578,600	\$ 4,842,400	\$ 45,983,600
NET INCREASE (DECREASE)	\$ (993,900)	\$ (630,700)	\$ (895,700)	\$ (140,650)	\$ 239,050	\$ 251,650	\$ 650,850	\$ 680,050	\$ 1,245,950	\$ 1,529,450	\$ (1,768,050)	\$ 222,050	\$ 2,014,650
Ending Fund Balance	\$ 1,062,600	\$ 1,425,800	\$ 530,100	\$ 389,450	\$ 628,500	\$ 880,150	\$ 1,531,000	\$ 2,211,050	\$ 3,457,000	\$ 4,986,450	\$ 3,218,400	\$ 3,440,450	\$ 3,440,450



General Corporate Revenues

**CIP Document
FY19/20-FY28/29**

General Corporate – CIP - Revenues

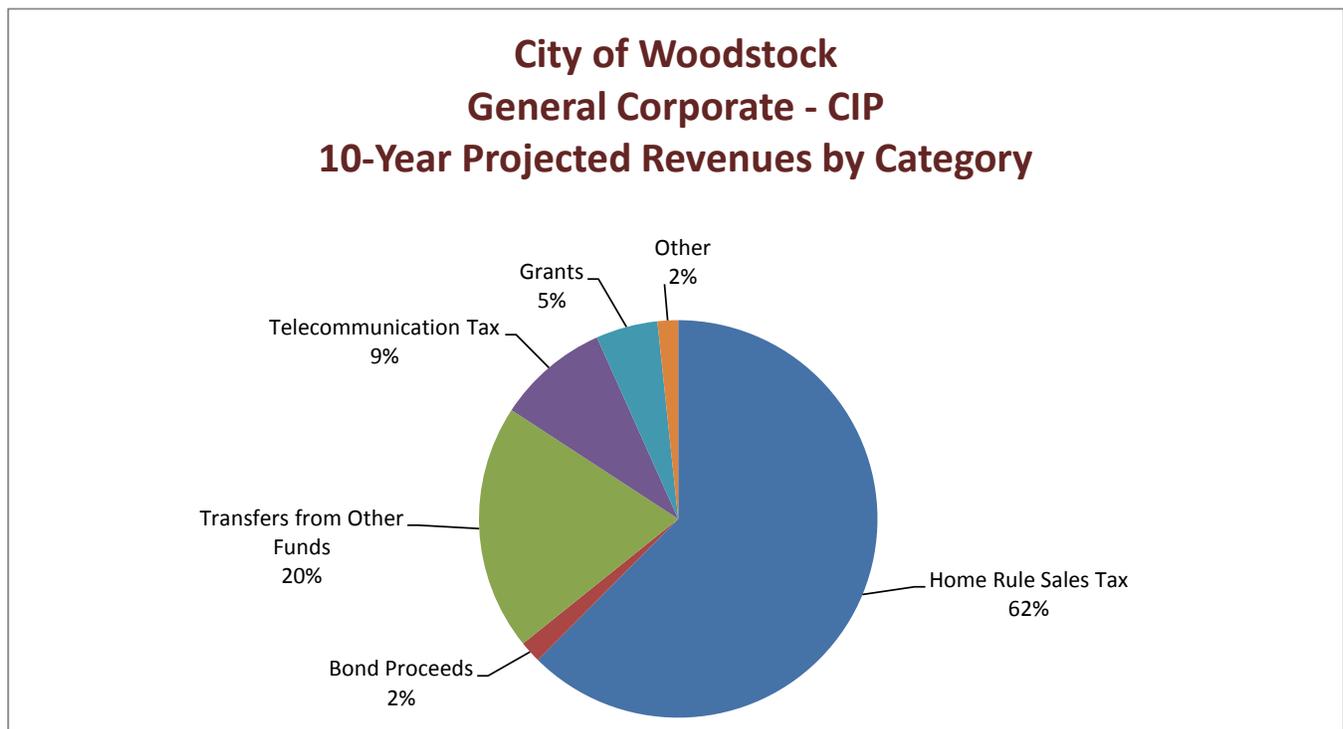
INTRODUCTION

Last year, 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 \$47.8 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 recently-adopted 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.

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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Beginning Fund Balance	\$ 2,056,500	\$ 2,056,500	\$ 1,425,800	\$ 530,100	\$ 389,450	\$ 628,500	\$ 880,150	\$ 1,531,000	\$ 2,211,050	\$ 3,457,000	\$ 4,986,450	\$ 3,218,400	\$ 1,425,800
REVENUES													
FEES													
Telecommunication Tax	\$ 500,000	\$ 490,700	\$ 480,000	\$ 470,000	\$ 460,000	\$ 450,000	\$ 440,000	\$ 430,000	\$ 420,000	\$ 410,000	\$ 400,000	\$ 390,000	\$ 4,350,000
Home Rule Sales Tax (1%)	2,512,000	2,675,000	2,728,500	2,783,000	2,838,700	2,895,500	2,953,400	3,012,500	3,072,700	3,134,200	3,196,900	3,260,800	29,876,200
Capital Expansion Fees-Police	45,000	65,000	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	17,300	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	120,000
TOTAL FEES	\$ 3,069,000	\$ 3,248,000	\$ 3,265,500	\$ 3,310,000	\$ 3,355,700	\$ 3,402,500	\$ 3,450,400	\$ 3,499,500	\$ 3,549,700	\$ 3,601,200	\$ 3,653,900	\$ 3,707,800	\$ 34,796,200
INTERGOVERNMENTAL													
Safe Routes to School Grant	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000	\$ 600,000
Miscellaneous Grants	-	-	-	1,100,000	685,000	-	-	-	-	15,000	-	-	1,800,000
TOTAL INTERGOVERNMENTAL	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 685,000	\$ -	\$ -	\$ 200,000	\$ -	\$ 15,000	\$ -	\$ 200,000	\$ 2,400,000
OTHER													
Miscellaneous	5,000	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income	\$ 32,900	\$ 49,000	30,000	30,000	30,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	230,000
Loan Revenue	-	-	-	1,000,000	-	-	-	-	-	-	-	-	1,000,000
TOTAL OTHER	\$ 37,900	\$ 49,000	\$ 30,000	\$ 1,030,000	\$ 30,000	\$ 20,000	\$ 1,230,000						
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfer from General Fund	\$ 172,100	\$ 172,100	\$ 170,500	\$ 510,450	\$ 572,450	\$ 522,450	\$ 707,450	\$ 722,450	\$ 682,450	\$ 822,450	\$ 822,450	\$ 822,450	\$ 6,355,550
Transfer from Park Development	73,000	73,000	64,100	53,900	54,400	54,800	53,600	53,600	53,600	53,600	53,600	53,600	548,800
Transfer from Environmental Management	199,300	199,300	199,300	195,700	199,100	196,900	203,100	205,200	202,600	202,600	202,600	202,600	2,009,700
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 Recreation Center Fund	-	-	18,000	-	60,000	-	-	-	-	-	-	-	78,000
	\$ 502,400	\$ 502,400	\$ 509,900	\$ 818,050	\$ 943,950	\$ 832,150	\$ 1,022,150	\$ 1,039,250	\$ 996,650	\$ 1,136,650	\$ 1,136,650	\$ 1,136,650	\$ 9,572,050
TOTAL REVENUES	\$ 3,609,300	\$ 3,799,400	\$ 3,805,400	\$ 6,458,050	\$ 5,014,650	\$ 4,254,650	\$ 4,492,550	\$ 4,758,750	\$ 4,566,350	\$ 4,772,850	\$ 4,810,550	\$ 5,064,450	\$ 47,998,250

Telecommunication Tax

FY18/19 Budget		\$ 500,000	
FY18/19 Projected		\$ 490,700	
FY19/20	\$ 480,000	FY24/25	\$ 430,000
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

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

FY18/19 Budget		\$ 2,512,000	
FY18/19 Projected		\$ 2,675,000	
<hr/>			
FY19/20	\$ 2,728,500	FY24/25	\$ 3,012,500
FY20/21	\$ 2,783,000	FY25/26	\$ 3,072,700
FY21/22	\$ 2,838,700	FY26/27	\$ 3,134,200
FY22/23	\$ 2,895,500	FY27/28	\$ 3,196,900
FY23/24	\$ 2,953,400	FY28/29	\$ 3,260,800

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.

Capital Expansion Fees-Police

FY18/19 Budget		\$ 45,000	
FY18/19 Projected		\$ 65,000	
<hr/>			
FY19/20	\$ 45,000	FY24/25	\$ 45,000
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

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

FY18/19 Budget		\$ 12,000	
FY18/19 Projected		\$ 17,300	
<hr/>			
FY19/20	\$ 12,000	FY24/25	\$ 12,000
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

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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 200,000
FY20/21	\$ 200,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 200,000

Revenue Description

In 2018, the City has applied 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.

In accordance with the Illinois Safe Routes to Schools Program, they plan to announce those projects which were selected for grant funding in March, 2019. The City is currently working on design engineering for the project and that

General Corporate – CIP - Revenues

will be completed at the end of April, 2019. In accordance with IDOT’s bid letting schedule, the project would be able to be incorporated within the November 2019 letting process, with construction beginning April/May of 2020. 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 30	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 1,100,000	FY25/26	\$ 0
FY21/22	\$ 685,000	FY26/27	\$ 15,000
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0

Revenue Description

In FY20/21, a grant in the amount of \$1,100,000 is budgeted to be received from the Federal Surface Transportation Funds for road improvements at the intersection of South/Madison/Lake Street. In FY21/22, the City expects to receive Federal grant assistance in the amount of \$670,000 related to the reconstruction of a bridge on Melody Lane. In FY20/21 and FY25/26, the City has budgeted to receive \$15,000 in each of these years for bulletproof vest replacement.

Interest Income

FY18/19 Budget		\$ 32,900	
FY18/19 Projected		\$ 49,000	
<hr/>			
FY19/20	\$ 30,000	FY24/25	\$ 20,000
FY20/21	\$ 30,000	FY25/26	\$ 20,000
FY21/22	\$ 30,000	FY26/27	\$ 20,000
FY22/23	\$ 20,000	FY27/28	\$ 20,000
FY23/24	\$ 20,000	FY28/29	\$ 20,000

Revenue Description

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

Loan Revenue

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 1,000,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0

Revenue Description

A loan is anticipated from the Water & Sewer Capacity CIP Fund in FY20/21 in the amount of \$1,000,000 to pay for construction of a roundabout at the intersection of South/Madison/Lake. These funds will be repaid to the Water & Sewer Capacity CIP Fund over a ten (10) year period, which has been incorporated within the Debt section of this document.

Transfer from General Fund

FY18/19 Budget		\$ 172,100	
FY18/19 Projected		\$ 172,100	
<hr/>			
FY19/20	\$ 170,500	FY24/25	\$ 722,400
FY20/21	\$ 510,400	FY25/26	\$ 682,400
FY21/22	\$ 572,400	FY26/27	\$ 822,400
FY22/23	\$ 522,400	FY27/28	\$ 822,400
FY23/24	\$ 707,500	FY28/29	\$ 822,400

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 what is being paid in FY19/20 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

FY18/19 Budget		\$ 73,000	
FY18/19 Projected		\$ 73,000	
<hr/>			
FY19/20	\$ 64,100	FY24/25	\$ 53,600
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

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

General Corporate – CIP - Revenues

amount from what is being paid in FY19/20 is budgeted to continue to be transferred each year to fund future park projects.

Transfer from Environmental Management Fund

FY18/19 Budget		\$ 199,300	
FY18/19 Projected		\$ 199,300	
FY19/20	\$ 199,300	FY24/25	\$ 205,200
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

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 in FY19/20 is budgeted to continue to be transferred each year to fund future CIP projects.

Transfer from Opera House (Ticket Surcharge)

FY18/19 Budget		\$ 58,000	
FY18/19 Projected		\$ 58,000	
FY19/20	\$ 58,000	FY24/25	\$ 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

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 debt issued to construct the Opera House Annex.

Transfer from Recreation Center Fund

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 18,000	FY24/25	\$ 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

Transfer Description

In FY19/20, it is being proposed that the HVAC system in the locker rooms at the Recreation Center be replaced. It is also being proposed that the parking lot be repaved 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

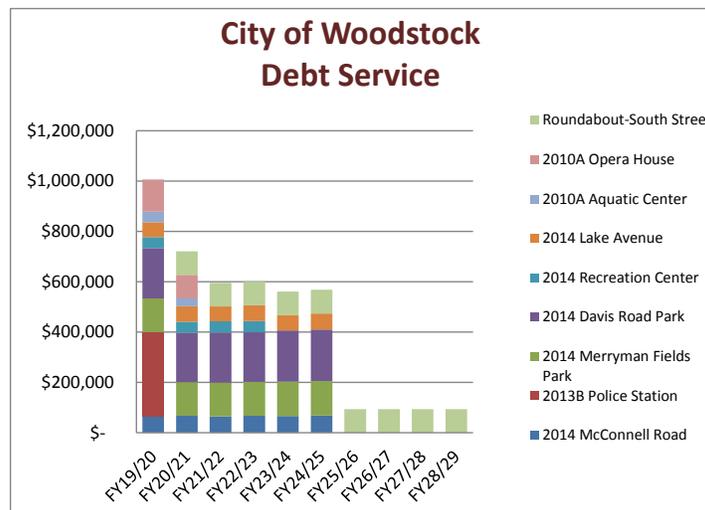
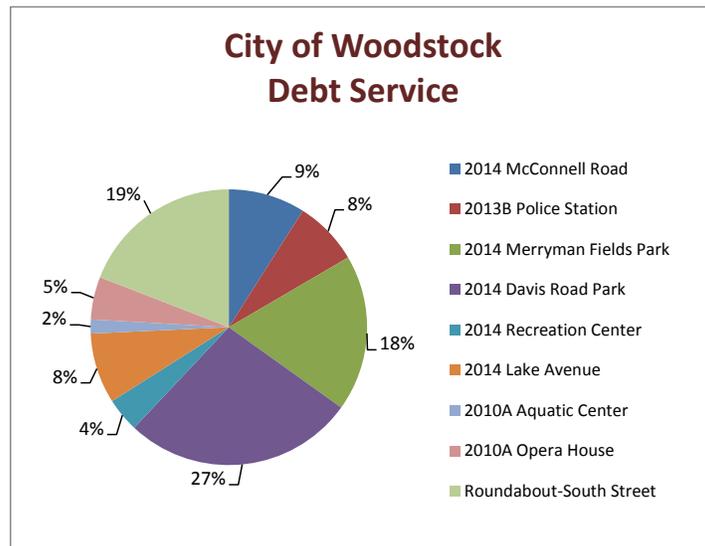
**CIP Document
FY19/20-FY28/29**

General Corporate – CIP – Debt Service

OVERVIEW

This section incorporates the various debt service payments paid by the City of Woodstock, with the exception of General Obligation Bonds, TIF debt, and Water and Sewer bonds. The General Obligation Bonds have been excluded since they are repaid by dedicated property tax levies. Likewise, the TIF and Water & Sewer debt are also omitted since the related debt service is paid using revenue sources derived from these respective funds and will be included in those corresponding sections of the CIP document. It should be noted that as these bond issuances reach full maturity, the associated resources previously dedicated for the debt service is instead reallocated to fund future CIP projects.

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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten Year Totals
2014 McConnell Road	\$ 66,400	\$ 66,400	\$ 64,500	\$ 67,200	\$ 64,600	\$ 67,400	\$ 66,100	\$ 68,400	\$ -	\$ -	\$ -	\$ -	\$ 398,200
2013B Police Station	339,400	339,400	334,800	-	-	-	-	-	-	-	-	-	334,800
2014 Merryman Fields Park	132,800	132,800	134,800	134,200	134,600	134,700	137,100	136,800	-	-	-	-	812,200
2014 Davis Road Park	199,300	199,300	199,300	195,700	199,100	196,900	203,100	205,200	-	-	-	-	1,199,300
2014 Recreation Center	43,000	43,000	44,100	43,900	44,400	44,800	-	-	-	-	-	-	177,200
2014 Lake Avenue	60,400	60,400	58,600	61,500	59,200	62,200	61,000	63,500	-	-	-	-	366,000
2010A Aquatic Center	41,900	41,900	42,000	30,800	-	-	-	-	-	-	-	-	72,800
2010A Opera House	127,800	127,800	127,900	93,700	-	-	-	-	-	-	-	-	221,600
Roundabout-South Street	-	-	-	93,900	93,900	93,900	93,900	93,900	93,900	93,900	93,900	93,900	845,100
TOTAL DEBT SERVICE	\$ 1,011,000	\$ 1,011,000	\$ 1,006,000	\$ 720,900	\$ 595,800	\$ 599,900	\$ 561,200	\$ 567,800	\$ 93,900	\$ 93,900	\$ 93,900	\$ 93,900	\$ 4,427,200

2014 McConnell Road

FY18/19 Budget		\$ 66,400	
FY18/19 Projected		\$ 66,400	
FY19/20	\$ 64,500	FY24/25	\$ 66,100
FY20/21	\$ 67,200	FY25/26	\$ 68,400
FY21/22	\$ 64,600	FY26/27	\$ 0
FY22/23	\$ 67,400	FY27/28	\$ 0
FY23/24	\$ 66,100	FY28/29	\$ 0



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

FY19/20 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
7/1/2018		\$ 5,946	\$ 5,946	
1/1/2019	\$ 54,500	\$ 5,946	\$ 60,446	\$ 66,392
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

FY18/19 Budget		\$ 339,400	
FY18/19 Projected		\$ 339,400	
FY19/20	\$ 334,800	FY24/25	\$ 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



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

FY19/20 Project Information

In 2000, the City issued \$4,100,000 in Alternate Revenue Bonds (Series 2000B) to provide the necessary financing for the construction of the Police Department facility. The Alternate Revenue Bonds are being repaid by a combination of developer impact fees and telecommunication taxes which are reported in the General Corporate – CIP Fund. Due to falling interest rates, the City initiated an advanced refunding in 2004 and 2013 to reduce future interest costs and generate interest savings.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2018		\$ 9,675	\$ 9,675	
1/1/2019	\$ 320,000	\$ 9,675	\$ 329,675	\$ 339,350
7/1/2019		\$ 4,875	\$ 4,875	
1/1/2020	\$ 325,000	\$ 4,875	\$ 329,875	\$ 334,750

2014 Merryman Fields Park

FY18/19 Budget		\$ 132,800	
FY18/19 Projected		\$ 132,800	
<hr/>			
FY19/20	\$ 134,800	FY24/25	\$ 136,800
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



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

FY19/20 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 to 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
7/1/2018		\$ 11,891	\$ 11,891	
1/1/2019	\$ 109,000	\$ 11,891	\$ 120,891	\$ 132,782
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

FY18/19 Budget		\$ 199,300	
FY18/19 Projected		\$ 199,300	
FY19/20	\$ 199,300	FY24/25	\$ 205,200
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



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

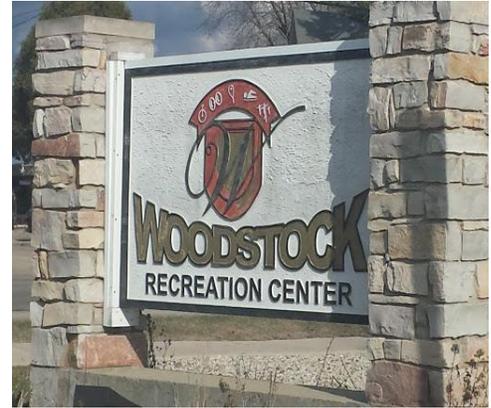
FY19/20 to FY24/25 Project Information

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
7/1/2018		\$ 17,837	\$ 17,837	
1/1/2019	\$ 163,600	\$ 17,837	\$ 181,437	\$ 199,274
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

FY18/19 Budget		\$ 43,000	
FY18/19 Projected		\$ 43,000	
<hr/>			
FY19/20	\$ 44,100	FY24/25	\$ 0
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



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

FY19/20 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
7/1/2018		\$ 3,848	\$ 3,848	
1/1/2019	\$ 35,320	\$ 3,848	\$ 39,168	\$ 43,016
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

FY18/19 Budget		\$ 60,400	
FY18/19 Projected		\$ 60,400	
FY19/20	\$ 58,600	FY24/25	\$ 63,500
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



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

FY19/20 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 new Super Walmart store. Sales Tax dollars have been pledged for repayment of this debt.

Payment Date	Principal	Interest	Total	Annual Debt Payment
7/1/2018		\$ 5,405	\$ 5,405	
1/1/2019	\$ 49,600	\$ 5,405	\$ 55,005	\$ 60,410
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

FY18/19 Budget		\$ 41,900	
FY18/19 Projected		\$ 41,900	
FY19/20	\$ 42,000	FY24/25	\$ 0
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



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

FY19/20 to 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
6/1/2018		\$ 1,807	\$ 1,807	
12/1/2018	\$ 38,285	\$ 1,807	\$ 40,092	\$ 41,899
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

FY18/19 Budget		\$ 127,800	
FY18/19 Projected		\$ 127,800	
FY19/20	\$ 127,900	FY24/25	\$ 0
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



FY18/19 Status Update

FY18/19 payments were funded as required per Bond Ordinance.

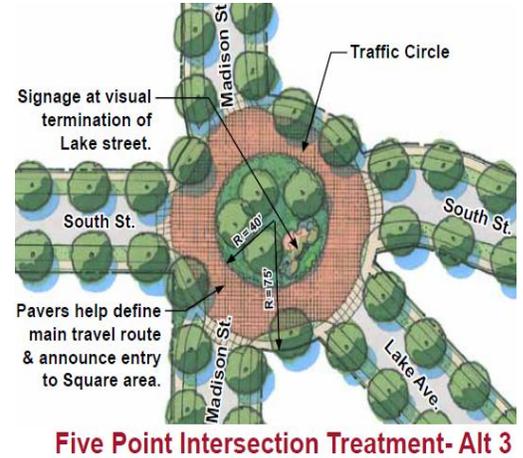
FY19/20 to FY20/21 Project Information

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
6/1/2018		\$ 5,510	\$ 5,510	
12/1/2018	\$ 116,715	\$ 5,510	\$ 122,225	\$ 127,735
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

Roundabout South Street

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 93,900
FY20/21	\$ 93,900	FY25/26	\$ 93,900
FY21/22	\$ 93,900	FY26/27	\$ 93,900
FY22/23	\$ 93,900	FY27/28	\$ 93,900
FY23/24	\$ 93,900	FY28/29	\$ 93,900



FY20/21 to FY28/29 Project Information

The City anticipates borrowing \$850,000 from the Water Sewer Capacity Fund to pay for the City’s portion of the Roundabout at the intersection of South/Madison/Lake Street. The anticipated loan would have a 2% interest rate and would be repaid over 10 years.



General Corporate General Administration

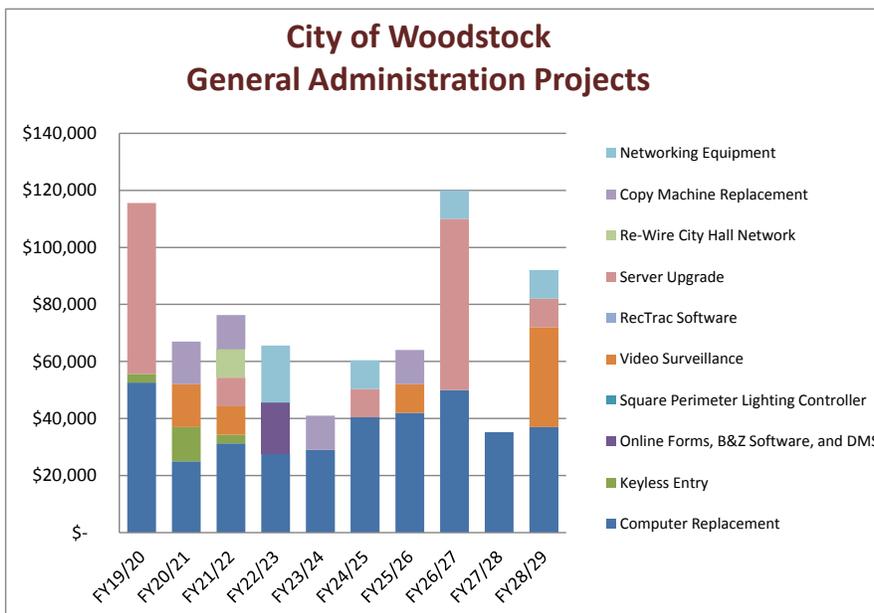
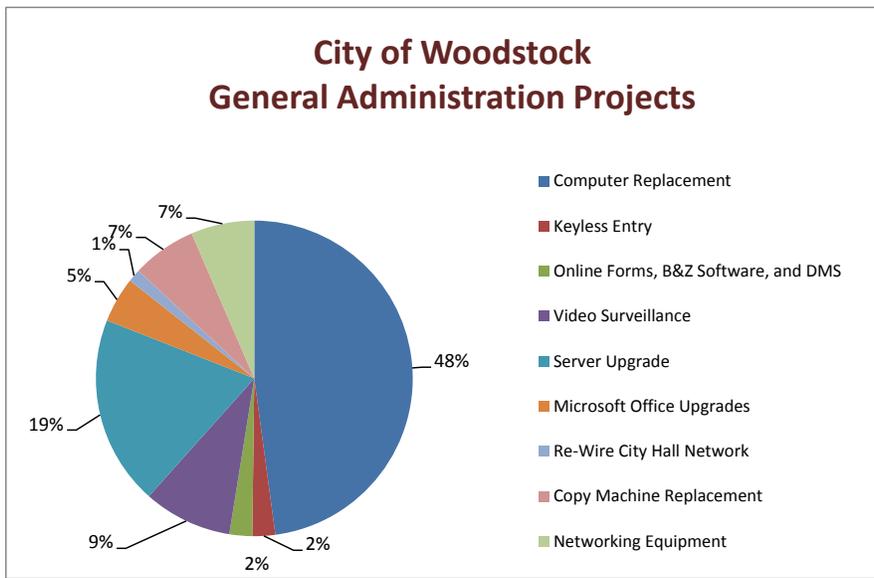
**CIP Document
FY19/20-FY28/29**

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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten Year Totals
Computer Replacement	\$ 19,000	\$ 19,000	\$ 52,600	\$ 25,000	\$ 31,300	\$ 27,600	\$ 29,000	\$ 40,400	\$ 42,000	\$ 50,000	\$ 35,200	\$ 37,000	\$ 370,100
Council Chamber Improvements	-	8,700	-	-	-	-	-	-	-	-	-	-	-
Keyless Entry	3,000	3,000	3,000	12,000	3,000	-	-	-	-	-	-	-	18,000
Online Forms, B&Z Software, and DMS	120,000	57,900	-	-	-	18,000	-	-	-	-	-	-	18,000
Square Perimeter Lighting Controller	25,000	25,000	-	-	-	-	-	-	-	-	-	-	-
Video Surveillance	30,000	46,500	-	15,000	10,000	-	-	-	10,000	-	-	35,000	70,000
RecTrac Software	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-
Server Upgrade	-	-	60,000	-	10,000	-	-	10,000	-	60,000	-	10,000	150,000
Microsoft Office Upgrades	-	-	-	36,000	-	-	-	-	-	-	-	-	36,000
Re-Wire City Hall Network	-	-	-	-	10,000	-	-	-	-	-	-	-	10,000
Copy Machine Replacement	-	-	-	15,000	12,000	-	12,000	-	12,000	-	-	-	51,000
Networking Equipment	-	-	-	-	-	20,000	-	10,000	-	10,000	-	10,000	50,000
Total General Administration	\$ 212,000	\$ 175,100	\$ 115,600	\$ 103,000	\$ 76,300	\$ 65,600	\$ 41,000	\$ 60,400	\$ 64,000	\$ 120,000	\$ 35,200	\$ 92,000	\$ 773,100

Computer Replacement

FY18/19 Budget		\$ 19,000	
FY18/19 Projected		\$ 19,000	
FY19/20	\$ 52,600	FY24/25	\$ 40,400
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



FY18/19 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 six new computers as well as two laptops to replace equipment, thus shifting the older computers to non-essential locations. Additionally, several replacement parts have been purchased to maintain or improve existing equipment throughout the City. Remaining funds will be spent prior to fiscal year end to continue to upgrade existing computer infrastructure within the City.

FY19/20 thru FY28/29 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 FY18/19, IT staff continued to add additional hardware to support new functions or positions throughout the City as well as purchased upgrades to older computers to support current operating systems and software.

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 FY19/20 includes additional funding for the replacement of approximately fifty (50) computers impacted by the latest Operating System upgrade resulting in obsolescence of this equipment. The additional funding in FY21/22 & FY26/27 is intended for IT Staff to purchase new firewall hardware to properly address ever changing threats to the City’s network. In FY24/25, FY25/26, and FY26/27 additional funding is being requested to replace computers purchased in FY19/20 over a three-year time period. Currently, the City maintains over 350 computers, laptops, servers, and peripherals.

Council Chamber Improvements

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 8,700	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

In October 2017, City Council approved the purchase of hardware and to enter into a contract with Granicus to provide live streaming of City Council meetings to the public. During the setup and testing of the meetings, it was determined that the standard quality video wasn't sufficient and that upgrading to the HD video stream provided the expected experience. The money in this year's CIP was to purchase the HD upgrade as well as the first-year maintenance cost that was not billed until July 2018.

Keyless Entry

FY18/19 Budget		\$ 3,000	
FY18/19 Projected		\$ 3,000	
<hr/>			
FY19/20	\$ 3,000	FY24/25	\$ 0
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



FY18/19 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

General Corporate – CIP – General Administration – Funded Projects

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 FY18/19, the system was expanded to the Old Courthouse Facility to manage entry into this facility.

FY19/20 Project Description

In FY19/20, IT Staff will look to expand the new system into the Recreation Center by installing keyless entry on a single door into this facility.

FY20/21 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.

FY21/22 Project Description

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

Online Forms, New Building & Zoning Software, and Document Software

FY18/19 Budget		\$ 120,000	
FY18/19 Projected		\$ 57,900	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 18,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



Laserfiche®

FY18/19 Status Update

In FY17/18, the City Council requested staff to research possible solutions to provide online registration as well as form completion for many of the processes required by the City. Some of these services would include

General Corporate – CIP – General Administration – Funded Projects

wireless alarm renewals, liquor licensing, garage sales, etc., as well as possibly new functions like business registration, landlord registration, crime-free housing, etc. As the requirements were added to the initial project, the need for a more robust solution had to be researched and vetted for its ability to serve all of these purposes.

In FY18/19 funding was requested to purchase the necessary software licensing and training to replace the existing software and to implement the systems in the Building and Zoning Department, as well as provide the online web forms, workflows, document archival & management software, etc. After demonstrations on the Civic Systems modules, it was determined some of the Building and Zoning department modules would not be an improvement.

In July 2018, 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. Additional training is being conducted on web form and workflow creation, which will allow the City to provide pre-populated forms to residents and business, which are then reviewed, revised and submitted back to the City electronically.

FY22/23 Project Description

Currently, the Laserfiche software and repository is running on an existing server within the City. In FY22/23, the requested funding is to provide new server hardware as well as additional licensing and software options to operate Laserfiche and to increase available storage for related documentation.

Square Perimeter Lighting Controller

FY18/19 Budget		\$ 25,000	
FY18/19 Projected		\$ 25,000	
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FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

In FY15/16, the City of Woodstock installed new perimeter lighting on all of the buildings located throughout the Woodstock Square. These new perimeter lights are all controlled via a Digital Lighting Control Center, manufactured by Exergy Controls. In 2017, the City discovered that Exergy Controls had gone out of business as staff was attempting to reach them to fix technical issues with the lighting system. Per notification on the Exergy Control site, support had been moved, along with a limited parts supply, to Firetower Digital Services,

General Corporate – CIP – General Administration – Funded Projects

LLC, which is run by a former Exergy Controls’ employee. The technical issues that were experienced in 2017 took over 6 months to recover, and with limited accessibility to parts and support, Staff recommended replacing this system.

In September 2018, City Council approved the purchase of new hardware and software controllers from LSI Industries to replace the Exergy lighting controls. IT Staff began testing at the end of October to verify that the quoted hardware and software platform is able to perform all the necessary functions to run the lights. The City is attempting to have the system replaced by the 2018 Lighting of the Square ceremonies.

Video Surveillance

FY18/19 Budget		\$ 30,000	
FY18/19 Projected		\$ 46,500	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 15,000	FY25/26	\$ 10,000
FY21/22	\$ 10,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 35,000



FY18/19 Status Update

Currently, the City of Woodstock does internal and external video surveillance at the Woodstock Police Department, and internal surveillance at City Hall and the Recreation Center. The existing systems located at each of these facilities are individual systems that worked on analog technology, which provided very low video quality with no interoperability.

In FY18/19 the City of Woodstock budgeted \$30,000 to replace the existing video surveillance systems with new hardware and software based on IP Technology. During the project it was decided to perform enhancements to the video surveillance at City Hall and the Recreation Center by adding additional cameras. The unbudgeted \$16,500 was utilized at City Hall, which added twelve cameras to its exterior, as well as three interior and six exterior cameras to the Recreation Center.

FY20/21 Project Description

In FY20/21, additional funding is being requested to enhance the existing system by adding video surveillance to the interior and exterior of the Public Works facility.

FY21/22 Project Description

In FY21/22, additional funding is being requested to enhance the existing system by adding video surveillance to the interior of the Woodstock Opera House.

General Corporate – CIP – General Administration – Funded Projects

FY25/26 Project Description

In FY25/26, funding is being requested to replace the video surveillance server located at City Hall. This server is the repository of all video maintained and stored by the system.

FY28/29 Project Description

In FY28/29, funding is being requested to begin the replacement of the existing cameras with new camera hardware.

RecTrac Software

FY18/19 Budget		\$ 15,000	
FY18/19 Projected		\$ 15,000	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

The Recreation Department uses Vermont Systems, RecTrac Software, which is a comprehensive management software that supports all functions and activities for the department. Currently, the City pays yearly fee to VSI to maintain, upgrade, and support the existing software, as well as provide the online portal to allow residents to remotely enroll in programs.

In 2014, VSI released a new version of the RecTrac software that functions as a browser-based system. Additionally, the new software provides features and efficiencies that are beneficial to the Recreation staff. The FY18/19 budget included funding to purchase a new server and associated computer hardware to run the new software, as well as training for Recreation and IT staff.

Server Upgrade

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
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FY19/20	\$ 60,000	FY24/25	\$ 10,000
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 10,000	FY26/27	\$ 60,000
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 10,000



FY19/20 Project Description

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 has requested approximately \$60,000 to purchase three new servers (Active Directory, Email and PD File Storage), software upgrades for the remaining servers, upgrades to the Exchange email software and licensing requirements, and Microsoft Windows 10 Pro Upgrades. Funding has also been requested to hire consultants to assist in the migration process.

FY21/22 Project Description

In FY21/22, IT Staff has requested funding to continue to purchase new server hardware to replace older servers. During this fiscal year the intention is to replace the Finance Accounting Server, which provides database services for several departments.

FY24/25 Project Description

In FY24/25, IT staff has requested funding to upgrade and replace the following servers: Building and Zoning database, primary file storage, voicemail and call accounting.

FY26/27 Project Description

In FY26/27, IT Staff has recommended the replacement of the same hardware and software that is to be replaced in FY19/20, which includes the Active Directory, Email and PD File Storage, as well as software upgrades and licensing.

FY28/29 Project Description

In FY28/29, IT Staff has requested funding to continue to purchase new server hardware to replace older servers. During this fiscal year the intention is to replace the Finance Accounting Server, which was replaced in FY21/22.

Microsoft Office Upgrade

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 36,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



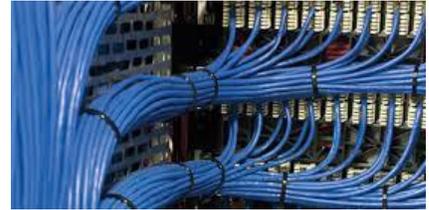
FY20/21 Project Description

The City of Woodstock uses a variety of software to complete its daily operations. The primary software that is 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. 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.

Re-wire City Hall Network

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY20/21 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 FY20/21, IT staff is requesting \$10,000 to purchase cable and hardware to relocate this cabinet to the basement in City Hall, which provides a secure climate-controlled location.

Copy Machine Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 15,000	FY25/26	\$ 12,000
FY21/22	\$ 12,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 12,000	FY28/29	\$ 0



FY20/21 Project Description

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

General Corporate – CIP – General Administration – Funded Projects

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 the existing unit in each 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 FY20/21, Staff is recommending to replace the primary copier that is located in the Finance Department and the administrative copy machine located with in the Administration Department at the Police Department. Both copiers will be over ten-years old and will be replaced with color copiers.

FY21/22 Project Description

In FY21/22, the Public Works copier, at the Administration building, and the wide format copier for Building and Zoning, located at City Hall will be replaced with new units. 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.

FY23/24 Project Description

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.

FY25/26 Project Description

FY25/26, Staff 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 10,000
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



FY22/23 Project Description

In 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 of Ethernet to each wired connection. This upgrade improved the City’s data and communications dramatically, but did have some limitations in its abilities to virtually segment networks for security purposes.

Following this upgrade, the City in FY15/16 installed a fiber optic backbone to transmit and support all the City’s data needs for years in the future.

In FY22/23, IT Staff is requesting funding to purchase enterprise-level, core networking devices. This hardware would serve as the center of the existing network and would allow for improved network efficiency, speed, and security.

FY24/25 thru FY28/29 Project Description

In FY24/25, IT Staff request funds to begin to replace all of the City’s network equipment located in City Hall. Subsequently, in FY26/27, the City would purchase new equipment for the Woodstock Police Department, and in FY28/29 the network devices at Public Works, Opera House, and Recreation Center would be replaced.



General Corporate Public Facilities

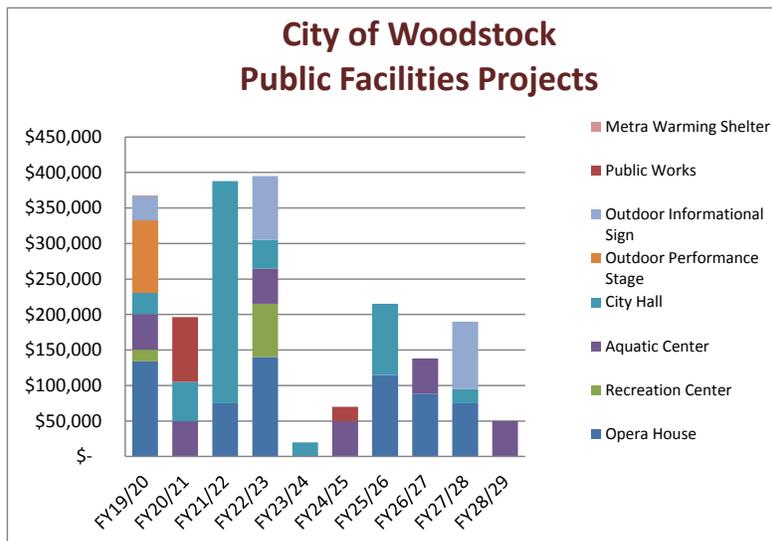
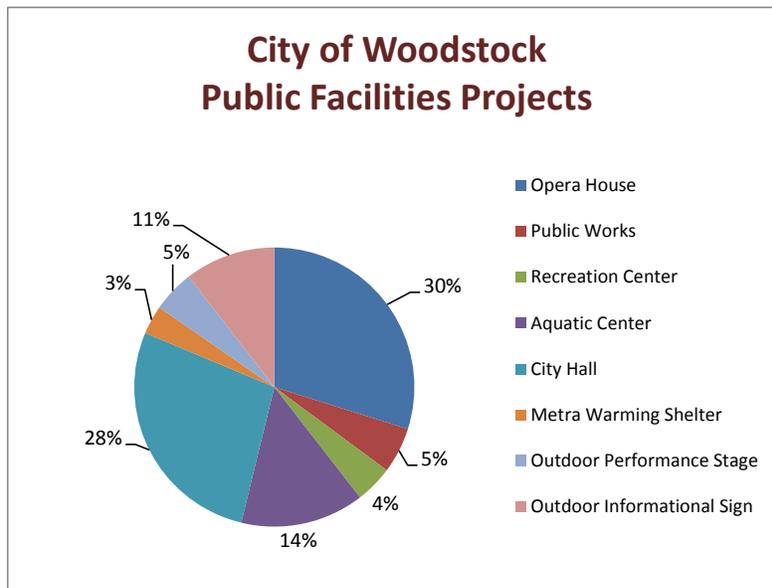
**CIP Document
FY19/20-FY28/29**

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 project that have been funded, Opera House and City Hall improvement will require the largest portion of money 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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Public Facilities													
Opera House Carpet & Masonry	\$ 45,000	\$ 71,500	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 50,000
Opera House South Roof Replacement	-	-	91,000	-	-	-	-	-	-	-	-	-	91,000
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	-	-	-	-	-	-	-	-	-	18,000
Opera House Fire Safety Improvements	15,000	15,000	-	-	-	-	-	-	-	-	-	-	-
Automated LED Theater Light Fixtures	-	-	-	-	75,000	-	-	-	-	-	-	-	75,000
Old Firehouse Assistance Center	-	7,900	-	-	-	-	-	-	-	-	-	-	-
Public Works Salt Dome	-	-	-	91,300	-	-	-	20,000	-	-	-	-	111,300
Aquatic Center	-	-	50,000	50,000	-	50,000	-	50,000	-	50,000	-	50,000	300,000
Metra Warming Shelter	-	-	-	70,000	-	-	-	-	-	-	-	-	70,000
Recreation Center Carpet	14,000	21,600	-	-	-	-	-	-	-	-	-	-	-
Recreation Roof Insulation Fix (Gym)	50,000	33,500	-	-	-	75,000	-	-	-	-	-	-	75,000
Recreation Center HVAC Locker Rooms	-	-	16,500	-	-	-	-	-	-	-	-	-	16,500
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	-	-	-	-	-	-	80,000
City Hall Tuckpointing	-	-	-	-	50,000	-	-	-	-	-	-	-	50,000
City Hall Fire House Roof	-	-	-	-	-	-	-	-	80,000	-	-	-	80,000
City Hall Maintenance	-	-	20,000	-	20,000	-	20,000	-	20,000	-	20,000	-	100,000
Outdoor Performance Stage	90,000	8,000	102,000	-	-	-	-	-	-	-	-	-	102,000
Outdoor Informational Sign	85,000	55,000	35,000	-	-	90,000	-	-	-	-	95,000	-	220,000
Total Public Facilities	\$ 382,000	\$ 285,500	\$ 367,500	\$ 266,300	\$ 388,000	\$ 395,000	\$ 20,000	\$ 70,000	\$ 215,000	\$ 138,000	\$ 190,000	\$ 50,000	\$ 2,099,800

Opera House Custom Carpet & Masonry

FY18/19 Budget		\$ 45,000	
FY18/19 Projected		\$ 71,500	
FY19/20	\$ 25,000	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 25,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 Status Update

Funding for FY17/18 included \$95,000 for 1,000 yards of custom-woven carpet, 800 yards of commercial carpet padding, with delivery and professional installation of those materials in January, 2018 and an additional \$3,000 for the repair of groundwater damage to masonry in the Opera House basement. A delay in awarding the work of producing the carpet prevented its being manufactured and delivered in time for installation in January, 2018.

Implementation of the installation was moved to August 2018 as part of the FY18/19 CIP plan. The plan included projections for \$26,000 in expenditures initially intended for FY17/18, including carpet bidding expenses, the \$3,000 in masonry repairs and a 50% deposit of \$20,700 paid to the carpet manufacturer, Bloomsburg Carpet Industries. Additional delays in both completion of masonry work and the arrival of carpet resulted in disbursements intended for FY17/18 being made after May 1, 2018. Actual FY18/19 project expenses to date include payment in full, \$41,500, to Bloomsburg Carpet Industries for providing carpet and padding per the bid contract. In July, Mr. David’s Flooring International was awarded the work of installing all carpet and padding included in this project for \$23,300. The Building Manager also approved a \$900 purchase by the firm of a superior underlay for glue-down of all carpet on the inclined surface of the Auditorium main floor and access ramp to reduce wear and prevent creeping of the installed carpet.

Installation of carpet was 85% complete in August 2018, with the raked floor of the Auditorium remaining to be installed in January, 2019. Payment to Mr. David’s of \$21,200 will be made upon completion. Total FY18/19 projected expenditures include the balance due for remaining installation as well as incidental project expenses related to materials, public notices, legal and printing services to date. When considered together, the FY17/18 actual expenses and the FY18/19 projection suggests that the Carpet and Masonry project budgeted at \$98,000 will be completed for \$86,700.

FY19/20 thru FY25/26 – Project Description

It is requested that \$25,000 be included in FY19/20 and that \$25,000 be included in FY25/26 for the repair of brick and stone masonry as needed throughout the original City Hall/Opera House building. Work will be guided

General Corporate – CIP – Public Facilities – Funded Projects

by the findings and recommendations of the Opera House Structural Assessment Report being completed in FY18/19.

Opera House South Roof Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 91,000	FY24/25	\$ 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



FY19/20 Project Description

The 1939 South Addition to the Woodstock Opera House has housed City Council Chambers, Woodstock’s third firehouse and City garage and, since 1977, the Opera House scene shop, Green Room and dressing room facilities. The FY15/16 CIP included funds 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. Unfortunately, no acceptable qualified bids were received within budget for the project as designed. A local firm was hired as an expedient to make limited repairs and recoat the roof, with a two-year guarantee on materials and labor with work completed in September, 2015. With the approved funding we will again proceed with bids to replace the patched roof. The roof and parapet will be cleared of all equipment, coping, roofing and insulation to allow a thorough inspection of the deck, parapet walls, curbing, drains and penetrations. Removal of the three rooftop HVAC units will also facilitate necessary repair of damage to flashing, gutters and masonry on the adjacent south wall of the original building. When all necessary structural repairs have been completed, new roof drains, improved insulation, and a new membrane roof will be installed. Remaining penetrations and transitions will be flashed with the roof access hatch, coping tiles, stacks and vents returned to their places. All rooftop HVAC equipment will then be reinstalled and returned to service.

The roof replacement project in FY15/16 was scheduled for August and September to avoid conflicts with the seasonal school-roofing commitments of many qualified firms. At this time it is anticipated that roof replacement work will be posted in February, awarded in March and executed in June, 2019, so that the planned remodeling of affected backstage areas below may be completed during the summer.

Opera House Stage Floor Reconstruction

FY18/19 Budgeted		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
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



FY26/27 Project Description

It is requested that \$90,000 be allocated in FY26/27 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 response(s) of a building to such alterations may not become 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

FY18/19 Budget		\$ 43,000	
FY18/19 Projected		\$ 43,000	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

Funds are provided this year for the replacement of the Opera House fire alarm system which was installed in 1992. It has been rebuilt several times, subjected to multiple lightning strikes to the building’s electrical systems, and expanded to accommodate the construction of the Opera House Annex. Because of its age it has become increasingly difficult to get compatible parts to replace failing components, including critical initiating devices such as addressable smoke detectors. Replacement 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, more reliable fire alarm system. The successful bidder/contractor is to complete all necessary installation work during the period of January 2-14, 2019.

Opera House Door and Window Restoration

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 140,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY22/23 Project Description

The amount of \$140,000 originally scheduled for FY24/25 for the manufacture and installation of custom exterior doors/windows has been moved to FY22/23 due to accelerated deterioration of existing units. At this time it has been determined that, after multiple repairs made to extend the life of several doors and efforts to stabilize failing sash frames from within the attic, this work should be done sooner for the sake of appearance, occupant/audience comfort, historic preservation and public safety

The purpose of this project is to repair or replace exterior doors at Dean and Van Buren Street entrances and to address 67 windows on the north, south and east of the Opera House building. The doors in question were installed during FY87/88 and, with limited exceptions, the other exterior woodwork in place at that time was last repaired and painted during FY89/90. Work will include the inspection of all door and window penetrations; replacement, restoration or repair of doors, window frames, sash, sills, casing, brickmold and other millwork, caulking, painting and the repair of any incidental masonry damage, shall be determined at that time.

The goal throughout the 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

FY18/19 Budgeted		\$ 0	
FY18/19 Projected		\$ 0	
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FY19/20	\$ 0	FY24/25	\$ 0
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



FY 26/27 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.

General Corporate – CIP – Public Facilities – Funded Projects

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(s) 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 analyses which were conducted on 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
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FY19/20	\$ 0	FY24/25	\$ 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



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.

General Corporate – CIP – Public Facilities – Funded Projects

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 had significant drawbacks – including the potential for operating noise being transmitted through the ductwork or the exterior wall and heard onstage, and heat loss, cooling loss or pressure loss. Additionally, we 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, downflow 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 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 RTU was replaced in February, 2003 with a smaller – but taller – 30-ton unit and a heavy steel curb adapter.

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.

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

FY18/19 Budget		\$ 30,000	
FY18/19 Projected		\$ 30,000	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 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

General Corporate – CIP – Public Facilities – Funded Projects

respondents in November and early December, 2018. In early January, Staff intends to recommend one respondent/proposal to the City Council for the award of this work. The consultant’s work onsite, including inspections, sampling or testing of materials or other approved research, should be conducted in January and February. In March 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
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FY19/20	\$ 18,000	FY24/25	\$ 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



FY19/20 Project Description

It is requested that \$18,000 be designated for replacement of the present onstage/backstage communication system. The hardwired intercom, installed in the mid-1990s, now needs increasing maintenance with a dwindling availability of replacement parts and requires that users be tethered to the system by mic-line type XLR cables. The project will provide Opera House staff members and other users with a contemporary Clear-Com brand Freespeak II digital wireless two-way communication system, including one (1) Wireless Base Station with active antenna, six (6) beltpack/headset-microphone units with accessories and one (1) five-unit battery charger.

Opera House Fire Safety Improvements

FY18/19 Budget		\$ 15,000	
FY18/19 Projected		\$ 15,000	
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FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

The projected amount of \$15,000 will be applied to enhancement of existing Fire Safety and Sprinkler systems at the Opera House. Improvements will include 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 Spring of 2019.

Automated LED Theater Light Fixtures

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 75,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY21/22 Project Description

It is requested that an upgrade to the stage lighting system be included in the FY 21/22 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 on the ceiling, at a further distance from the stage, providing improved lighting angles, and the ability to move across the stage and change color, 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. 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.

Old Firehouse Assistance Center (OFAC)

FY18/19 Budgeted		\$ 0	
FY18/19 Projected		\$ 7,900	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

In FY17/18 the City received Community Development Block Grant funds to help pay for improvements to a facility that was designed to house the City’s Fire Department. The building’s new use, the “Old Firehouse Assistance Center,” provides services for the homeless population trying to help get them back into the job market and into permanent housing. The improvements took place in the fall of 2017 and they did not conclude until the spring of 2018. Ventilation of the shower area and the rerouting of the water meter did not get finished up and paid out until after May 1, 2018. As a result, \$5,500 was paid out to G. Fisher Commercial Construction, Inc. in FY18/19.

General Corporate – CIP – Public Facilities – Funded Projects

In FY18/19 the City also spent funds to surround three sides of the area immediately adjacent to the entrance of the Old Firehouse Assistance Center (OFAC). This installation helped define the space used by the facility and it limited visual exposure of the site to neighbors and motorists.

Public Works Salt Dome

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 91,300	FY24/25	\$ 20,000
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY19/20 Project Description

As the eventuality of Public Works moving to a new location is on the horizon, the construction of two new 40' x 64' salt domes is the focus of this funding request. Finding the right solution for salt storage needs can be challenging due to the corrosive nature of salt and other demanding environmental requirements with regard to proper storage of material. DPW erected a second salt structure in 2009 to meet necessary road salt storage requirements, while planning for the eventual removal of the current aging salt storage dome. This additional structure includes a foundation of concrete blocks placed on an old concrete pad and a durable 60' x 42' AccuSteel frame and fabric cover with hydra-loc technology. This covered structure uses a domed roof, maximizing the square footage of the building while minimizing product loss from wetting and leaching.

AccuSteel no longer offers a 42' wide building as a standard size. They would create it custom, but at a custom price.

The feasibility and cost of moving this structure from our 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 already ten (10) years old.

AccuSteel is an approved governmental NJPA supplier, offering a quality product at a practical price. The funding amount for the two new structures includes wall louvers, straight end wall package, and installation costs including prevailing wage.

FY24/25 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. Evaluations to the structures will be made on an annual basis so the requisite year of this funding is in flux.

Aquatic Center Maintenance

FY 18/19 Budgeted		\$0	
FY 18/19 Projected		\$0	
FY 19/20	\$ 50,000	FY 24/25	\$ 50,000
FY 20/21	\$ 50,000	FY 25/26	\$ 0
FY 21/22	\$ 0	FY 26/27	\$ 50,000
FY 22/23	\$ 50,000	FY 27/28	\$ 0
FY 23/24	\$ 0	FY 28/29	\$ 50,000



FY19/20 Project Description

Aquatic Center Maintenance (\$50,000): 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 15 years however the facility is seasonal and during the winter months it is not heated. This factor along with the fact that it’s a water park means that there will be maintenance as the facility ages. In FY19/20, funds are requested to have the expansion joints caulked and the pool shells professionally painted. Other maintenance includes the sealing of exposed concrete and the application of a professional surface on the equipment room.

FY20/21 Project Description

Aquatic Center Maintenance (\$50,000): Proposed maintenance includes the sealing of exposed concrete and the application of a professional surface on the equipment room. In addition the floors will be cleaned and a new epoxy finish will be applied in the bath house.

FY22/23 Project Description

Aquatic Center Maintenance (\$50,000): Funds are requested to have the expansion joints caulked and the pool shells professionally painted. If necessary, palm trees will be replaced with like material or replaced with another feature installed.

FY24/25 Project Description

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

General Corporate – CIP – Public Facilities – Funded Projects

FY26/27 Project Description

Aquatic Center Maintenance (\$50,000): Funds are requested to have the expansion joints caulked and the pool shells professionally painted. Other maintenance may involve the rehab of the bathhouse, pavilions, or the replacement of some of the water features.

FY28/29 Project Description

Aquatic Center Maintenance (\$50,000): Funds are requested for the replacement of one or more of the boilers used to heat the water in the pool shells. Other costs may include fence repairs, parking lot repairs, lighting upgrades, bathhouse fixtures, etc. If the facility is not kept current and well maintained, patrons will seek out another venue.

Metra Warming Shelter – RTA Access to Transit

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
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

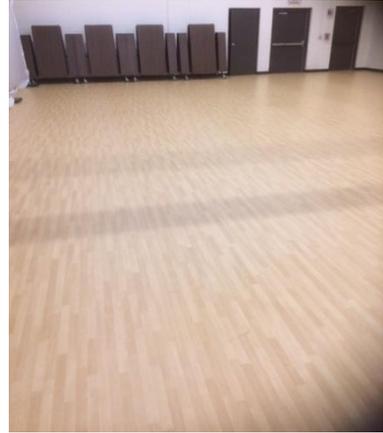


FY20/21 Project Description

The City was notified that its application for funding for a new Warming Shelter and accompanying Wayfinding Signage has been approved by the RTA and now moves on to the next phase of approvals through CMAQ. Those communities approved for funding by CMAQ will be notified next October 2019 and IGAs would be prepared in January 2020. If this project is supported through RTA and CMAQ funding, the City will be expected to contribute up to 10% of the construction cost, which has been estimated at \$695,000. Construction will take place after IGAs are signed calendar year 2020.

Rec Center Toy Room, Multi-Purpose Room Floor Replacement

FY18/19 Budget		\$ 14,000	
FY18/19 Projected		\$ 21,600	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

The carpets in the Rec Center’s Multi-Purpose Room and the Toy Room were original with the addition/renovation that occurred in 2003 and was in desperate need of replacement. After visiting the Huntley Park District Rec Center, staff researched the wood laminate floor Huntley installed last year in its multi-purpose rooms. Staff concluded that the wood laminate would be a much better product for our purposes than carpet; it would have a greater life expectancy (20 years); it would wear better aesthetically and be much easier to maintain. The project included 1,700 SF of laminate in the multipurpose room and 350 SF in the toy room. Staff, instructors, and program participants have been extremely pleased with the results.

Rec Center Roof Repairs

FY18/19 Budget		\$ 50,000	
FY18/19 Projected		\$ 33,500	
FY19/20	\$ 0	FY24/25	\$ 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



General Corporate – CIP – Public Facilities – Funded Projects

FY18/19 Status Update

In FY18/19 the City paid approximately \$8,500 to seal seams, replace and seal exhaust stacks and other penetrations in the metal gym roof at the Recreation Center. By the end of the fiscal year all repairs will be complete, but it is recommended that the roof be replaced in the near term to prevent issues in the future.

There has been a condensation issue during the winter months as well at the Recreation Center. This is likely to be the result of two issues. Warm air is rising from the pool area and getting into the adjoining attic space. When the cold and the warm air meet, it creates moisture and condensation. This area of the building needs to be sealed off from the rest of it. This work may require the physical construction of walls in the attic, or it could come in the form of positive pressure or ventilation. In either case, work is expected to be completed before the end of FY18/19. Other areas within the building have steel girders at the edge of the building and these girders are not insulated. They frost up in the winter then thaw when the warm air from the building hits it resulting in condensation. The girders will be sprayed with an insulation material as soon as the girders can dry out and be prepped for its application.

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.

RecCenter HVAC Unit Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 16,500	FY24/25	\$ 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



FY19/20 Project Description

The HVAC unit that services the men’s and women’s locker rooms at the Rec Center building has failed and needs replacement. Geostar, the City’s mechanical contractor, attempted to repair the unit, but indicated the

General Corporate – CIP – Public Facilities – Funded Projects

unit was unrepairable and needs replacing. Staff believes the unit is original with the building, which indicates it is over thirty years old. It has not functioned properly for a number of years.

This is the last unit original with the building; all the other units have been replaced. It is also the smallest of the five units.

CH Carpet Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY21/22 Project Description

Carpet (\$68,000): The carpeting in City Hall was purchased and installed over 15 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



General Corporate – CIP – Public Facilities – Funded Projects

FY20/21 Project Description

The Old Fire Station is located directly behind City Hall. The building currently serves as an assistance center for the homeless. The City anticipates that the assistance center will relocate at some time in the future. Although the old fire station is a stand-alone building, there is indoor access to the facility from the first floor of City Hall. One of the issues with the fire station is that it has no elevator. 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

FY18/19 Budget		\$ 10,000	
FY18/19 Projected		\$ 0	
FY19/20	\$ 10,000	FY24/25	\$ 0
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



FY18/19 Status Update

Although funds were budgeted to complete a Standby Power Evaluation and Study, this work never got off the ground. In FY19/20, a qualified person from the Public Works Department will manage the project with a goal of getting the facility to be one that can be worked in during power outages as opposed to having the majority of people have to go home until power is restored.

FY19/20 Project Information

Standby Power Evaluation and Study (\$10,000): There is a standby generator located in the basement of City Hall. The generator is very old and it does not power everything in City Hall if an outage were to occur. It is recommended that a study be initiated to determine what should be powered 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

General Corporate – CIP – Public Facilities – Funded Projects

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 relocated so that it is powered by the transfer switch. Work to be completed as a result of this study will be scheduled for FY20/21.

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

FY18/19 Budget		\$0	
FY18/19 Projected		\$0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 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



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.

CH - Fire Station Roof Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 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



FY25/26 Project Description

Roof Replacement (\$80,000): Funds are requested for roof replacement within the City Hall complex.

City Hall Maintenance

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 20,000	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 20,000
FY21/22	\$ 20,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 20,000
FY23/24	\$ 20,000	FY28/29	\$ 0



FY19/20 Project Description

Building Maintenance (\$20,000): City Hall is a historic building which requires funds to be available for improvements to its masonry exterior and interior walls, improvements to HVAC systems, plumbing systems, roofs, etc. These funds will be used to pay for identified work to help preserve the building.

General Corporate – CIP – Public Facilities – Funded Projects

FY21/22 Project Information

Roof Repairs (\$20,000): Approved funds will be used to evaluate and repair any portion of the roof at City Hall or the old fire station.

FY23/24 Project Information

Building Maintenance (\$20,000): To be used for necessary improvements to windows, doors, electric, plumbing, or HVAC units.

FY25/26 Project Information

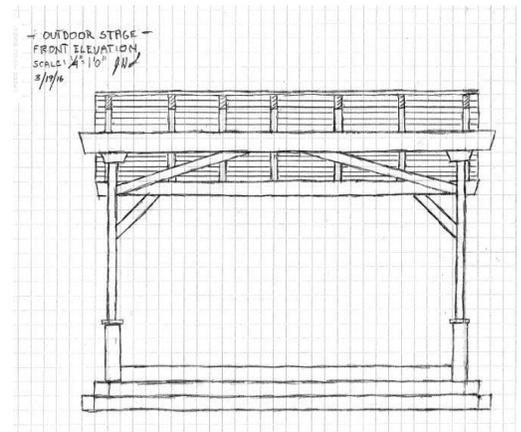
Building Maintenance (\$20,000): To be used for necessary improvements to windows, doors, electric, plumbing, or HVAC units.

FY27/28 Project Information

Building Maintenance (\$20,000): To be used for necessary improvements to windows, doors, electric, plumbing, or HVAC units.

Outdoor Performance Stage

FY18/19 Budget		\$ 90,000	
FY18/19 Projected		\$ 8,000	
FY19/20	\$ 102,000	FY24/25	\$ 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



FY18/19 Status Update

Numerous local groups have expressed a desire for an outdoor performance stage located somewhere in Emricson Park. Funds to construct a stage were approved in the FY18/19 budget. The City struggled however to get any concept drawings completed or a final design. The City abandoned the Architect that it had been working with and hired Wold/ Ruck Pate Planners/ Architects/ Engineers to move this project forward. Plans and specifications will be completed on or around April 30, 2018 with construction of the outdoor stage completed before the winter of 2019.

General Corporate – CIP – Public Facilities – Funded Projects

FY19/20 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.

After researching similar facilities, touring existing park structures and studying the layout of Emricson Park, the attached preliminary sketches below were produced by the former Opera House Director. They will be used as a basis for design. Assuming that funds are approved for construction, the outdoor performance stage could be in use as soon as the spring of 2020.

Outdoor Information Signs

FY18/19 Budget		\$ 85,000	
FY18/19 Projected		\$ 55,000	
FY19/20	\$ 35,000	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 95,000
FY23/24	\$ 90,000	FY28/29	\$ 0



FY18/19 Status Update

In FY18/19 the City investigated the appropriate location for an electronic Community events sign. The informational sign would be 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. After considering several locations along Route 47, it was determined that money would be best spent replacing the existing (manually-operated) community events sign with an electronic-changeable message board. Based upon the current schedule, it is likely that the sign conversion could be completed before the end of FY18/19; however, charges for the construction of the sign will not be approved and paid until after May 1, 2019 carrying over into FY19/20.

FY19/20 Project Description

Funds are requested to cover the final costs to construct an outdoor informational sign on Route 47 converting the existing manually-operated message board to a remotely-operated electronic LED type. The existing sign is located just west of the Burger King restaurant.

FY23/24 Project Description

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



General Corporate Public Safety

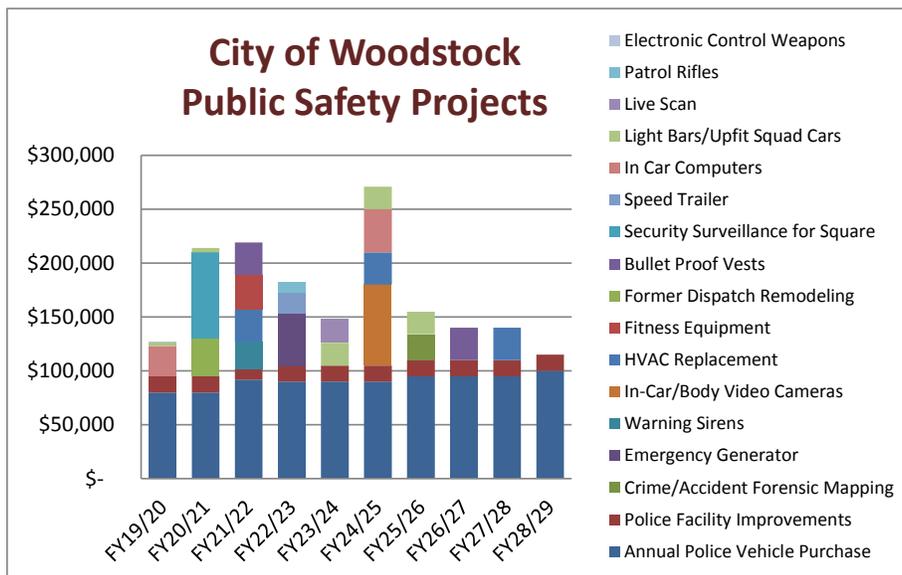
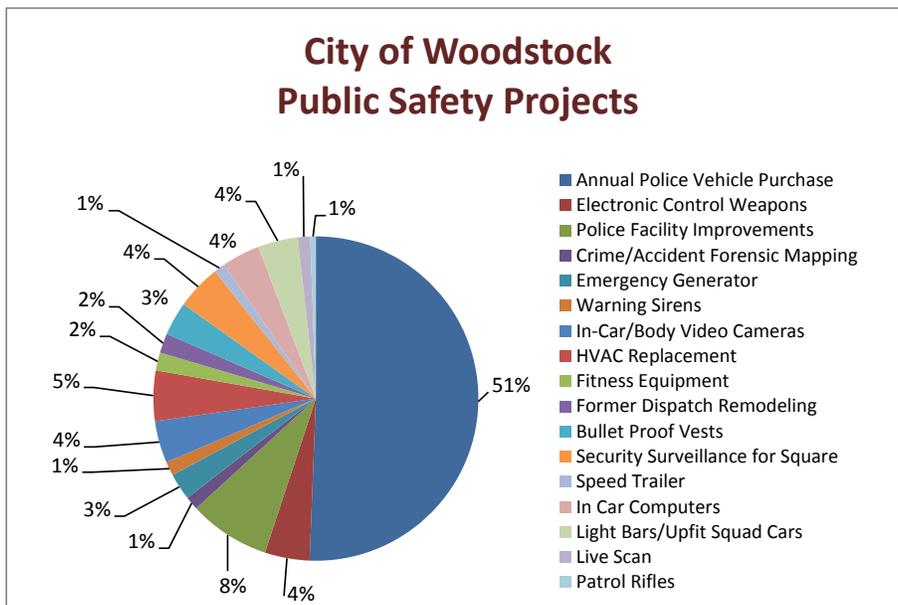
**CIP Document
FY19/20-FY28/29**

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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Public Safety													
Annual Police Vehicle Purchase	\$ 72,000	\$ 73,000	\$ 80,000	\$ 80,000	\$ 92,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 95,000	\$ 95,000	\$ 95,000	\$ 100,000	\$ 907,000
Electronic Control Weapons	-	-	-	-	-	-	-	-	-	-	-	80,000	80,000
Police Facility Improvements	15,000	15,000	15,000	15,000	10,000	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	-	80,000	-	-	-	-	-	75,000	-	-	-	-	75,000
HVAC Replacement	-	-	-	-	30,000	-	-	30,000	-	-	30,000	-	90,000
Fitness Equipment	-	-	-	-	32,000	-	-	-	-	-	-	-	32,000
Former Dispatch Remodeling	-	-	-	35,000	-	-	-	-	-	-	-	-	35,000
Bullet Proof Vests	-	-	-	-	30,000	-	-	-	-	30,000	-	-	60,000
Security Surveillance for Square	-	-	-	80,000	-	-	-	-	-	-	-	-	80,000
Speed Trailer	-	-	-	-	-	20,000	-	-	-	-	-	-	20,000
In Car Computers	7,700	7,700	28,000	-	-	-	-	40,000	-	-	-	-	68,000
Light Bars/Upfit Squad Cars	11,000	3,400	4,000	4,000	-	-	21,000	21,000	21,000	-	-	-	71,000
Live Scan	-	-	-	-	-	-	22,000	-	-	-	-	-	22,000
Patrol Rifles	-	-	-	-	-	10,000	-	-	-	-	-	-	10,000
Total Public Safety	\$ 105,700	\$ 179,100	\$ 127,000	\$ 214,000	\$ 219,000	\$ 183,000	\$ 148,000	\$ 271,000	\$ 155,000	\$ 140,000	\$ 140,000	\$ 195,000	\$ 1,792,000

Annual Police Vehicle Purchase

FY18/19 Budget		\$ 72,000	
FY18/19 Projected		\$ 73,000	
<hr/>			
FY19/20	\$ 80,000	FY24/25	\$ 90,000
FY20/21	\$ 80,000	FY25/26	\$ 95,000
FY21/22	\$ 92,000	FY26/27	\$ 95,000
FY22/23	\$ 90,000	FY27/28	\$ 95,000
FY23/24	\$ 90,000	FY28/29	\$ 100,000



FY18/19 Status Update

For FY18/19, three police vehicles are scheduled for replacement. Two marked patrol vehicles and one unmarked detective vehicle will be purchased through the Northwest Municipal Joint Purchasing Cooperative, and delivery of the vehicles is expected prior to the end of FY18/19. The cost for this year’s purchase is \$73,000.

FY19/20 to FY28/29 Project Information

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 significantly increases maintenance costs, as well as, can impact officer safety.

Electronic Control Weapons

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY28/29 Project Information

It is anticipated that the entirety of the department’s contingent of Electronic Control Weapons (AKA Tasers) will need to be replaced after ten years of being in-service. The requested amount of CIP funding for this project will be used 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 what it would take to deploy 40 Taser units and implement the system throughout the Department to all sworn personnel.

Police Facility Improvements

FY18/19 Budget		\$ 15,000	
FY18/19 Projected		\$ 15,000	
FY19/20	\$ 15,000	FY24/25	\$ 15,000
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



General Corporate – CIP – Public Safety – Funded Projects

FY18/19 Status Update

It is anticipated that by the end of this fiscal year, maintenance improvements to the police facility will be: 1) New carpeting for the high-traffic areas of the second floor that are beyond cleaning or repair for approximately \$13,000, and 2) Replacement of old lighting fixtures in the first floor interior lobby to a lower-maintenance LED lighting solution for approximately \$2,000.

FY19/20 to FY27/28 Project Information

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 and relevant to the service for the Woodstock community.

Crime/Accident Forensic Mapping

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY25/26 Project Information

During any given year, the Woodstock Police Department can potentially 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, jurors demand the best forensic evidence in both criminal and civil litigation.

The "Total Station" forensic mapping system is the most recognized tool used by law enforcement at crash and crime scenes. It is compatible with motor-vehicle crashes, crime-scene diagrams, disaster responses and assists in the development of response plans for organized raids and public events. "Total Station" and the related software have the ability to create 3D maps, images and animations of all types of scenes. By utilizing "Total Station," an investigator's time at a crime scene and the closure of roadways at an accident scene is significantly reduced.

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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY22/23 Project Information

The Police Department relies on an industrial diesel engine generator to immediately supply critical emergency operations in the event of a power outage. The generator system has a life expectancy of 15 years. Weekly tests are conducted and maintenance is performed on the current generator system. The system was installed 16 years ago when the construction of the Police Station was completed. 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

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



FY21/22 Project Information

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. A critical element of this plan is to provide an effective alert to citizens via an outdoor warning system. The sirens are 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.

The new sirens will not only provide for greater coverage allowing for a better ability to warn a larger populous of impending danger, it also provides for voice transmissions so that specific requests or potential dangers can be broadcast via specific verbal warning messages to the community.

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. Based on current development schedules, it is proposed that a warning siren be installed in the Apple Creek subdivision in FY21/22.

In-Car/Body Video Cameras

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 80,000	
FY19/20	\$ 0	FY24/25	\$ 75,000
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 Status Update

Although not originally requested or budgeted for during FY18/19, a grant opportunity presented itself that would cover a majority of the cost of the program on a reimbursement basis. Prior to learning of this grant opportunity, it was the intent of City staff to request this project be funded in FY19/20. However, in December 2019, City staff learned of this opportunity, and then presented it to the City Council who concurred with both: 1) The importance of being a transparent government entity via the use of in-car and body-worn cameras by the police; and 2) That “time is of the essence” in regards to beginning this project with the ambition of receiving a first-come-first-served grant reimbursement.

With that, the intent is clear that Woodstock Police Department is prepared to take the next step in the evolution of collecting and preserving video evidence. Technological advances have reached the point where in-car cameras can be synchronized with police body-worn cameras (BWCs). As the current in-car cameras begin to reach their end-of-life expectancy, this is an opportunity for the City of Woodstock to move to the next generation of body-worn cameras that integrate with the in-car camera systems to make the entire system one video evidence-gathering product.

In-car video cameras were replaced in all patrol vehicles in FY14/15, and BWCs were purchased in FY16/17; the video equipment’s life expectancy is approximately five years. Some systems, that have operated 24/7, have reached failure.

The purpose of the video cameras is to record police-related activities of police officers. The intended use of the collected video information is for: 1) Increased safety of the officers; 2) Increased convictions for crimes and more serious traffic stops such as in DUI cases; and 3) Reduced complaints against officers and any associated litigation.

Statistics have shown that by recording both the video and the audio portions of police officers’ actions, the awareness of the police officers increase and the video will help identify offenders who may have caused harm

General Corporate – CIP – Public Safety – Funded Projects

to the police officer and fled the scene. It also increases the conviction rate on serious traffic/criminal offenses when the video and audio recording of the incident can be used as evidence in court. Without this physical evidence, the defendant may present a convincing argument of how they were wrongly accused. Finally, the recording can provide evidence 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, as well as, 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.

FY24/25 Project Information

The life of the cameras being purchased in FY18/19 is five years. Therefore, funding has been requested to replace the cameras in FY24/25.

HVAC Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
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FY19/20	\$ 0	FY24/25	\$ 30,000
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



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

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 sixteen (16) years old and are requiring additional repairs each year.

These units are a core requirement for the department to operate as they control the building's environment. The units do have an annual 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).

A replacement schedule of fourteen (14) to fifteen (15) years should be adopted by the City for this equipment. The funding request for this project would be utilized to replace the equipment prior to total failure. The amount proposed for FY21/22, FY24/25, and FY27/28 includes the replacement of one (1) Liebert, one (1) Trane

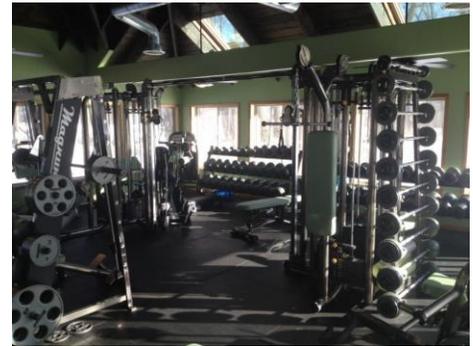
General Corporate – CIP – Public Safety – Funded Projects

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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY21/22 Project Information

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 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY20/21 Project Information

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.

Bullet Proof Vests

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
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FY19/20	\$ 0	FY24/25	\$ 0
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



FY21/22 and FY26/27 Project Information

After the five-year life expectancy, the manufacturer can 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 bullet proof vests to ensure that every officer is properly protected against gunshot and knife wounds.

The benefit to the City is to ensure that each police officer is adequately protected against deadly force and to significantly reduce the liability the City incurs if an officer is injured or killed as the result of a gunshot or knife. This project includes the replacement of all existing bullet proof vests for every sworn police officer. Bullet proof 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 money will be available through the U.S. Department of Justice to share or offset fifty percent (50%) or \$15,000 of the costs of these vests.

Security Surveillance for Square

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY20/21 Project Information

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. 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, a grant is being sought to assist in the funding of this project.

Speed Trailer

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
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



FY22/23 Project Information

Neighborhood speeding complaints is one of the most frequent 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 sixteen 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

FY18/19 Budget		\$ 7,700	
FY18/19 Projected		\$ 7,700	
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FY19/20	\$ 28,000	FY24/25	\$ 40,000
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 Status Update

The funding during FY18/19 was to replace in-car computer systems that were failing to keep up with technology external to the City’s systems; the commercial cellular network systems continue to move to more advanced systems which, in turn, make it compulsory for first responder organizations and entities that use those systems to upgrade their equipment.

FY19/20 Project Information

The in-car computers provide for immediate access to suspect information, calls for service, and other police-related information. This equipment has proven to increase the efficiency of both the records, communications 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 more robust 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.

This plan’s intent is to replace the remaining in-car computers during FY19/20.

FY24/25 Project Information

This plan’s intent is to replace the fleet’s computers during FY24/25.

Light Bars and Up-Fit of Squad Cars

FY18/19 Budget		\$ 11,000	
FY18/19 Projected		\$ 3,400	
<hr/>			
FY19/20	\$ 4,000	FY24/25	\$ 21,000
FY20/21	\$ 4,000	FY25/26	\$ 21,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 21,000	FY28/29	\$ 0



FY18/19 Status Update

The former light bars on the department’s squad cars had been in service for approximately six years. The City’s Fleet Division Superintendent advised the police administration that we were beginning to accrue significant costs in replacing failing sections of individual light units within each of the light bars. During the year, less lights failed than was originally anticipated; therefore, this line item is expected to come in under budget.

FY19/20 and FY20/21 Project Information

The department intends to modernize its fleet of in-car computers, so this will account for the needed mounts for the computers. These expenditures are to cover for all the materials needed to outfit the department’s fleet for continued functionality.

FY23/24 to FY25/26 Project Information

This request plans for the expected recurring costs of replacing and then up-fitting the department’s squad cars with the proper equipment such as light bars, prisoner partitions, computer mounts, etc.

Live Scan Fingerprint Machine

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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	\$ 0



FY23/24 Project Information

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 by 2023 will be in need of replacing. 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 submissions.

Replacement of this machine will also allow the Police Department to provide opportunities such as submission 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 charges for this service.

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

Patrol Rifles

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 10,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY22/23 Project Information

The current fleet of Patrol Rifles will be approximately sixteen-years old in 2022. The current range masters have done a phenomenal job at maintaining the rifles, but they are becoming aged with the 24/7 use in Patrol vehicles and for live-fire training exercises at the range.

This project would fund the replacement of all ten of the current rifles in the department’s inventory.



General Corporate Parks

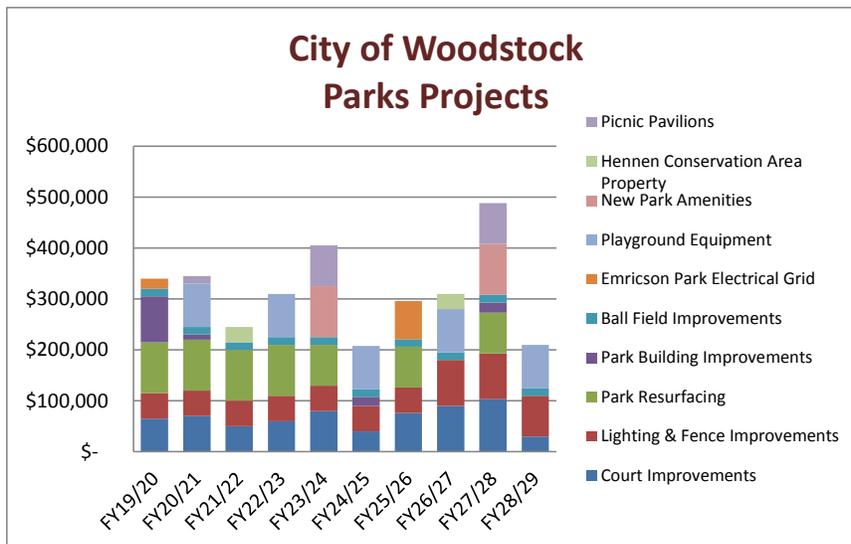
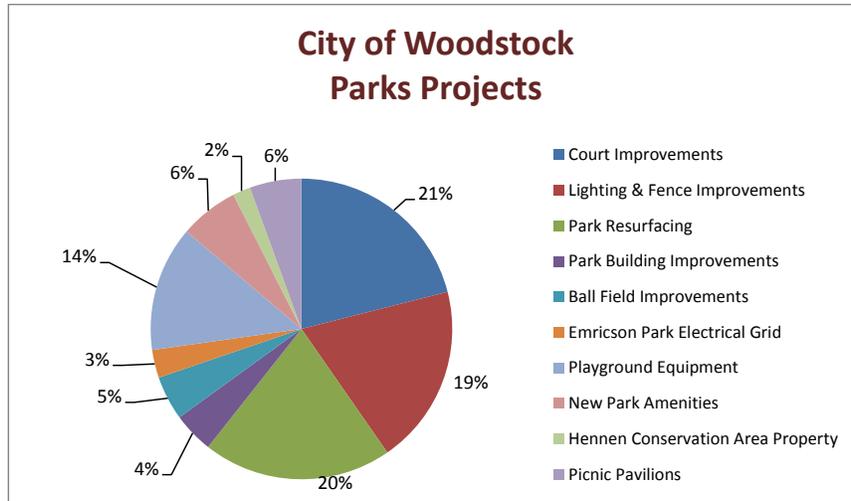
**CIP Document
FY19/20-FY28/29**

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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Parks													
Court Improvements	\$ 21,000	\$ -	\$ 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	100,000	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	90,000	90,000	80,000	610,000
Park Resurfacing	100,000	96,600	100,000	100,000	100,000	100,000	80,000	-	80,000	-	80,000	-	640,000
Park Building Improvements	-	-	90,000	10,000	-	-	-	18,000	-	-	20,000	-	138,000
Ball Field Improvements	15,000	20,000	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	-	-	-	-	-	75,000	-	-	-	95,000
Playground Equipment	75,000	75,000	-	85,000	-	85,000	-	85,000	-	85,000	-	85,000	425,000
New Park Amenities	-	-	-	-	-	-	100,000	-	-	-	100,000	-	200,000
Hennen Conservation Area Property	10,000	8,900	-	-	30,000	-	-	-	-	30,000	-	-	60,000
Picnic Pavilions	-	-	-	15,000	-	-	80,000	-	-	-	80,000	-	175,000
Peace Park	7,500	6,500	-	-	-	-	-	-	-	-	-	-	-
Total Parks	\$ 328,500	\$ 207,000	\$ 340,000	\$ 345,000	\$ 245,000	\$ 310,000	\$ 405,000	\$ 208,000	\$ 296,000	\$ 310,000	\$ 488,000	\$ 210,000	\$ 3,157,000

Court Improvements

FY18/19 Budget		\$ 21,000	
FY18/19 Projected		\$ 0	
FY19/20	\$ 65,000	FY24/25	\$ 40,000
FY20/21	\$ 70,000	FY25/26	\$ 76,000
FY21/22	\$ 50,000	FY26/27	\$ 90,000
FY22/23	\$ 60,000	FY27/28	\$ 103,000
FY23/24	\$ 80,000	FY28/29	\$ 30,000



FY18/19 Status Update

In FY18/19 funds were approved to recondition the surface on two (2) City owned tennis courts at Olson Park. Over the past few years, these reconditioned surfaces have only lasted one to two years before showing signs of failure. Based upon the number of courts in the City’s parks, the new surface needs to last six – seven years. Therefore, it was determined that it would be better to delay this year’s resurfacing and explore the best approach to complete these improvements in future years.

FY19/20 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 seasonal weather conditions. Even though these imperfections have been filled and a new reconditioned surface 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 create more damage. Funds in FY19/20 are requested to remove the two (2) tennis courts at Olson Park and install 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. Painted surfaces will be applied once the asphalt pads are constructed.

FY20/21 Project Description

Funds in FY20/21 are requested to remove one (1) asphalt tennis court and one (1) basketball court at Prairie Ridge Park and install a new thicker cross section on top of a paving fabric. Painted surfaces will be applied once the asphalt pads are constructed.

FY21/22 Project Description

Funds in FY21/22 are requested to remove the two (2) asphalt basketball courts at Emricson Park and install a new thicker cross section on top of a paving fabric. Painted surfaces will be applied once the asphalt pads are constructed.

General Corporate – CIP –Parks – Funded Projects

FY22/23 Project Description

Funds in FY22/23 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. Painted surfaces will be applied once the asphalt pads are constructed.

FY23/24 Project Description

Funds in FY23/24 are requested to remove two (2) basketball courts at Bates Park and replace them with a new thicker cross section on top of a paving fabric. Painted surfaces will be applied to the constructed asphalt pads.

FY24/25 Project Description

Funds in FY24/25 are requested to remove one (1) basketball courts at Olson Park and replace it 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 asphalt pad is constructed.

FY25/26 Project Description

Funds in FY25/26 are requested to remove one (1) asphalt tennis court and one (1) basketball court at McConnell Road Park and replace them with a new thicker cross section on top of a paving fabric. Painted surfaces will be applied once the asphalt pads are constructed. Funds are also requested in FY25/26 to recondition the surface on two (2) tennis courts at Olson Park.

FY26/27 Project Description

Funds in FY26/27 are requested to remove two (2) asphalt tennis courts at Emericson Park and replace them with a new thicker cross section on top of a paving fabric. Painted surfaces will be applied to the constructed asphalt pads. Funds are also requested in FY26/27 to recondition the surface of one (1) tennis court and one (1) basketball court at Prairie Ridge Park.

FY27/28 Project Description

Funds in FY27/28 are requested to remove three (3) asphalt tennis courts at Emericson Park and replace them with a new thicker cross section on top of a paving fabric. Painted surfaces will be applied to the constructed asphalt pads. Funds are also requested in FY27/28 to recondition the surface on two (2) basketball courts at Emericson Park.

FY28/29 Project Description

Funds in FY28/29 are requested to recondition the surface on the two tennis courts at Olson Park.

Lighting and Fence Improvements

FY18/19 Budget		\$ 100,000	
FY18/19 Projected		\$ 0	
FY19/20	\$ 50,000	FY24/25	\$ 50,000
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



FY18/19 Status Update

The City hired a new Parks & Facilities Superintendent at the end of October 2017. As a result of this transition, the Lighting and Fence Improvements Project was deferred and the associated funds requested have been reduced in future years in order to be able to properly manage these projects.

FY19/20 Project Description

Funds requested in FY19/20 will be used to complete outfield fence replacement on Dream Field and any remaining funds will be used to replace the leaning outfield fencing at Emricson Park’s Fields B and C.

FY20/21 Project Description

Funds requested in FY20/21 will be used to complete fence replacement on Roskie Field at Bates Park.

FY21/22 Project Description

Funds requested in FY21/22 will be used to complete fence replacement on Field B at Emricson Park and Field #4 at Bates Park.

FY22/23 Project Description

Funds requested in FY22/23 will be used to complete fence replacement on Field #6 at Bates Park.

FY23/24 Project Description

Funds requested in FY23/24 will be used to replace the remainder of the fence on Field B at Emricson Park. The outfield fence was replaced in 2019.

FY24/25 Project Description

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

General Corporate – CIP –Parks – Funded Projects

FY25/26 Project Description

Funds requested in FY25/26 will be used to complete fence replacement on Field #2 at Bates Park.

FY26/27 Project Description

Funds requested in FY26/27 will be used to upgrade existing field lighting or install new lighting on existing fields at Bates Park and/or Merryman Fields 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.

Park Resurfacing

FY18/19 Budget		\$ 100,000	
FY18/19 Projected		\$ 96,600	
FY19/20	\$ 100,000	FY24/25	\$ 0
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



FY18/19 Status Update

Funds within this line item in FY18/19 were used to resurface and restripe the entire parking lot south of the Dream Field in Emricson Park.

FY19/20 Project Description

Funds requested in FY19/20 will be used to resurface the parking lot to Ryders Woods off the Kimball Avenue frontage (estimated at \$45,000). The balance of the funds will be used to resurface a portion of the parking lot and drive adjacent to the parks shop in Emricson Park. Other work within this line item could include crack sealing, Reclamite, or other pavement preservation techniques.

General Corporate – CIP –Parks – Funded Projects

FY20/21 – FY22/23 Project Description

Funds requested in these three 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.

Park Building Improvements

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 90,000	FY24/25	\$ 18,000
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



FY19/20 Project Description

In FY19/20 funds are requested to pay for the demolition of the existing maintenance building at Emricson Park that is used to house Parks Division maintenance equipment and supplies. Emricson 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

General Corporate – CIP –Parks – Funded Projects

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 building improvements at Bates Park. During the preparation of the FY20/21 budget, specific projects to be completed will be identified.

FY24/25 Project Description

Funds in FY24/25 are requested for building improvements at Merryman Fields Park. During the preparation of the FY24/25 budget, specific projects to be completed will be identified.

FY27/28 Project Description

Funds in FY27/28 are requested for building improvements at the Davis Road Park. During the preparation of the FY27/28 budget, specific projects to be completed will be identified.

Ballfield Improvements

FY18/19 Budget		\$ 15,000	
FY18/19 Projected		\$ 20,000	
<hr/>			
FY19/20	\$ 15,000	FY24/25	\$ 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



FY18/19 Status Update

Funds were approved in FY18/19 for renovations to Roskie Field at Bates Park. Renovation efforts were focused on the infield necessitating the purchase of 120 ton of ballfield mix, 5 ton of black dirt, four thousand square feet of sod, and 80 ton of limestone screenings. The field will be open for game play in the spring of 2019. Approximately \$5,000 was expended for final work associated with the renovation of the Dream Field in FY17/18. Funds to complete Dream Field renovations were unanticipated, but necessary.

General Corporate – CIP –Parks – Funded Projects

FY19/20 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 considering 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 FY19/20 funds are requested to complete improvements to Fields #4 and #6 at Bates Park.

FY20/21 Project Description

In FY20/21 funds are requested to complete improvements to Fields #2 and #3 at Bates Park.

FY21/22 Project Description

In FY21/22 funds are requested to complete improvements to Field #5 at Bates Park.

FY22/23 Project Description

In FY22/23 funds are requested to complete improvements to Field A at Emricson Park.

FY23/24 Project Description

In FY23/24 funds are requested to complete improvements to Fields #6 and #7 at Merryman Fields Park.

FY24/25 Project Description

In FY24/25 funds are requested to complete improvements to Fields #1 thru #5 at Merryman Fields Park.

FY25/26 Project Description

In FY25/26 funds are requested to complete improvements to Field C at Emricson Park.

FY26/27 Project Description

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

FY27/28 Project Description

In FY27/28 funds are requested to complete improvements to the ballfield at Prairie Ridge Park.

FY28/29 Project Description

In FY28/29 funds are requested to complete improvements to the ballfield at Olson Park.

Emricson Park Electrical Grid

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 20,000	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 75,000
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY19/20 Project Description

In years past, the City installed an above-ground transformer at Emricson Park with an underground service to eliminate some of the old, overhead, high tension lines in a portion of Emricson Park. There are two overhead electrical lines within the park. One can remain overhead, but it is recommended that the other one be buried. Funds in FY19/20 will be 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.

FY25/26 Project Description

Funds are requested to bury an overhead electrical line within Emricson Park, which feeds the Parks Division maintenance shop, Main Pavilion, and main bathrooms. Over the years, this system has aged, it has been repaired a number of times, and the complete overhead line should either be replaced or buried. This action will complete the final stage of construction for electrical upgrades in Emricson Park.

Playground Equipment

FY18/19 Budget		\$ 75,000	
FY18/19 Projected		\$ 75,000	
FY19/20	\$ 0	FY24/25	\$ 85,000
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



FY18/19 Status Update

Playground structures are considered by many to be an important part of the quality of the park system and play options for user groups. The average life of a play structure is 14-16 years. In 2019, the City will purchase and install new play structures for the Tara Road Park. The existing structures at this location were installed almost 23 years ago. New play structures are selected with a goal of providing new and different options for children.

FY20/21 Project Description

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

FY22/23 Project Description

Having been installed in 2000, equipment at the tot playground in Emericson Park is scheduled for evaluation and replacement.

FY24/25 Project Description

Having been installed in 2001, equipment at the free-standing playground at Emericson 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



FY23/24 Project Description

Manke Lane Park (Sweetwater) Amenities: Located south of Ware Road and west of Raffel Road in the Sweetwater subdivision. This subdivision includes a 2.98 acre parcel which has been dedicated to the City and is being 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, which were installed in 2011. 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. In 2011, the City installed tot and juvenile play structures in this neighborhood park.

FY27/28 Project Description

Haydn Street Park (Sonatas) Amenities: Located in the 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 has been dedicated to the City and intended 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 were installed within the park. Funds are requested in FY27/28 to continue with the park development.

Hennen Conservation Area Property

FY18/19 Budget		\$ 10,000	
FY18/19 Projected		\$ 8,900	
FY19/20	\$ 0	FY24/25	\$ 0
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



FY18/19 Status Update

In 2008, the Hennen family dedicated a permanent conservation easement on their land to The Land Conservancy (TLC) followed by a land donation of 25 acres to the City of Woodstock in early 2009. The property contains a house, a three-sided barn, and a detached garage. The house is used by TLC during the daytime, and a site steward (who reports to TLC) is available all other hours to monitor the site and open the entrance gate at 8:00 AM and close it at sunset. The property is located on the east side of Dean Street, south of Lucas Road and is now referred to as the “Hennen Conservation Area.” The City of Woodstock and TLC partner to provide programs of interest for local residents to enhance their appreciation for nature while at the same time educating local residents about efforts used in preserving and conserving their own piece of land in McHenry County.

In FY18/19 the roof on the detached garage was replaced. Shingles were getting brittle and with high winds, shingles were blowing off the roof.

FY21/22 Project Description

House & Garage Maintenance (\$30,000): By this time, the farm house roof on the property will need to be replaced. Remaining funds will be used to complete other repairs as needed. Examples might include the replacement of windows, doors, siding, HVAC units, etc.

FY26/27 Project Description

Construction of Permeable Parking Lot (\$30,000): 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 when they visit the property. This request includes work by City staff to core out and prepare a 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.

Picnic Pavilions

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



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 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 outlived its useful life and it became hazardous. Funds are requested to construct a new pavilion on the existing concrete slab assuming that it is in suitable condition in calendar year 2023.

General Corporate – CIP –Parks – Funded Projects

FY27/28 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 will be constructed.

Peace Park

FY18/19 Budget		\$ 7,500	
FY18/19 Projected		\$ 6,500	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

In partnership with The Land Conservancy of McHenry County, the City of Woodstock was awarded \$7,500 from ComEd/Openlands' 2017 Green Region program to establish a pollinator garden to nurture Monarch butterflies and other threatened insect species. The competitive awards program supported 25 conservation-related projects in ComEd's northern Illinois service area, chosen from 76 applications submitted.

In addition to the creation of this new in-town site, funding is also being used to improve Westwood Conservation Area, installing boardwalks across marshy areas which have limited visitors' enjoyment of this retreat in southwestern Woodstock, and adding pollinator plant seedlings in that more rural atmosphere. In general, expenditures in this line item covered the cost of mulch for the garden, limestone screenings for a path around the garden's interior, educational bilingual signage, and some wood materials to construct the boardwalk in the Westwood Conservation Area.



General Corporate Motor Pool

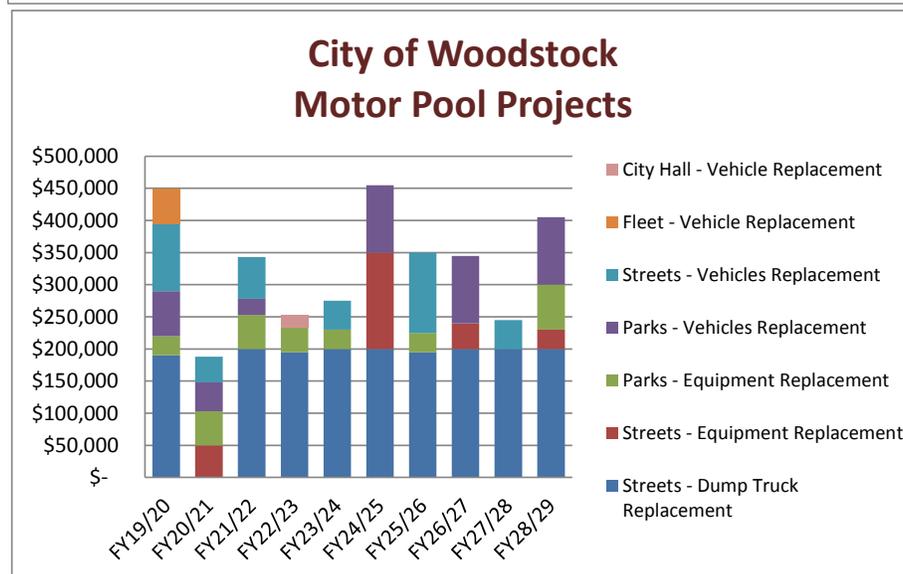
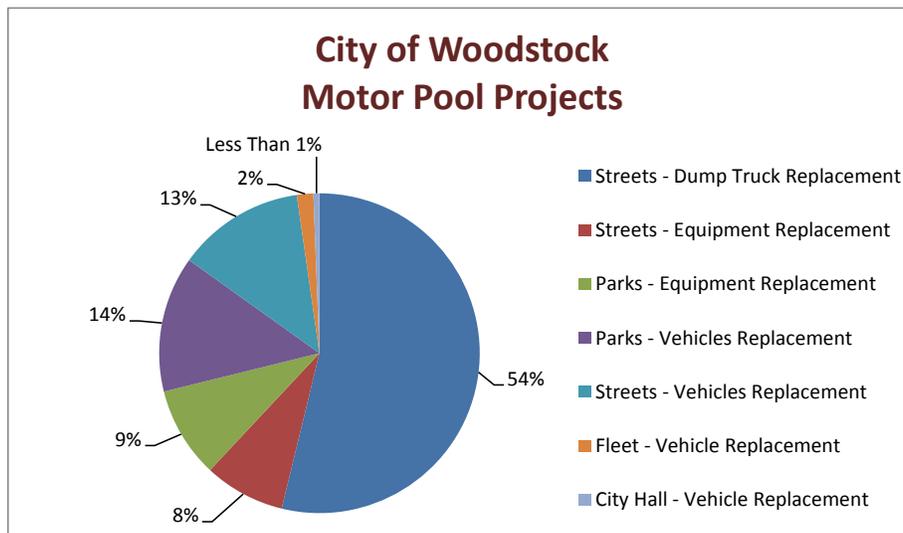
**CIP Document
FY19/20-FY28/29**

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 54% 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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Motor Pool													
Streets - Dump Truck Replacement	\$ 205,000	\$ 204,100	\$ 190,000	\$ -	\$ 200,000	\$ 195,000	\$ 200,000	\$ 200,000	\$ 195,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,780,000
Streets - Equipment Replacement	-	-	-	50,000	-	-	-	150,000	-	40,000	-	30,000	270,000
Parks - Equipment Replacement	15,000	13,600	30,000	53,000	53,000	38,000	30,000	-	30,000	-	-	70,000	304,000
Parks - Vehicles Replacement	45,000	38,200	70,000	45,000	25,000	-	-	105,000	-	105,000	-	105,000	455,000
Streets - Vehicles Replacement	45,000	37,800	105,000	40,000	65,000	-	45,000	-	125,000	-	45,000	-	425,000
Fleet - Vehicle Replacement	-	-	55,000	-	-	-	-	-	-	-	-	-	55,000
City Hall - Vehicle Replacement	-	-	-	-	-	20,000	-	-	-	-	-	-	20,000
Total Motor Pool	\$ 310,000	\$ 293,700	\$ 450,000	\$ 188,000	\$ 343,000	\$ 253,000	\$ 275,000	\$ 455,000	\$ 350,000	\$ 345,000	\$ 245,000	\$ 405,000	\$ 3,309,000

Streets – Dump Truck Replacement

FY18/19 Budget		\$ 205,000	
FY18/19 Projected		\$ 204,100	
FY19/20	\$ 190,000	FY24/25	\$ 200,000
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



FY18/19 Status Update

The FY18/19 budget included \$185,000 for replacement of an aging plow truck #7. Fleet ordered the unit utilizing a National Joint Powers Alliance (NJPA) contract. The order for the unit was placed in April, 2018 with an expected delivery date around January 1, 2019. Once the new unit is in place, the old unit will be sold via online auction on www.GovDeals.com.

The approved budget also included \$20,000 for the replacement of two salt-spreader control systems that were retrofitted onto existing international trucks formally utilizing manually-operated controls. This equipment is easier for the snow plow driver to operate, it dispenses salt more efficiently, and it reduces excess salt residual in local streams and waterways.

FY19/20 Project Information

Replacement of Truck #11 (\$190,000): Truck #11 is a 2006 International 7400 series in poor condition. This unit has extensive corrosion damage throughout, extending to major engine repairs needed in the winter of 2017 after a rust-jacked exhaust manifold cracked the cylinder head - rendering the unit out of service and requiring a \$10,000 repair. While this repair delayed immediate replacement and kept the unit active in the motor pool, the overall condition prioritizes the need for a replacement before another significant failure.

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.

Funded Projects

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.

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 thirteen 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.

Streets Equipment Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 150,000
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



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.

Funded Projects

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.

FY28/29 Project Information

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

Parks Equipment Replacement

FY18/19 Budget		\$ 15,000	
FY18/19 Projected		\$ 13,600	
FY19/20	\$ 30,000	FY24/25	\$ 0
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



FY18/19 Status Update

The FY18/19 included \$15,000, approved for the replacement of the oldest gang mower in use by the Parks Division, which was approximately 15 years old. Fleet ordered the unit in May, with it arriving in July. The previous unit was declared surplus with approval of the new unit, and was sold via online auction on www.GovDeals.com for a \$1,396.75 net return to the City of Woodstock.

FY19/20 Project Information

Replacement of Equipment #150 and #162 (\$30,000): The Parks Division uses many types of equipment to complete daily and seasonal tasks crucial to the division. #150 is a 2007 zero turn mower that is currently non-operable due to major engine failure and requires replacement. #162 is the current zero turn mower used at Bates Park to maintain the ballfields and outlying areas; however, it spent the start of its life as the trim crew mower, quickly accumulating hard hours of work and leaving the unit in poor shape with a transmission requiring a second rebuild. The unit has a failing drive motor on one side, making it difficult to complete a uniform cut and straight line.

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.

Funded Projects

FY21/22 Project Information

Replacement of Equipment #149, #151, and #166 (\$53,000): #149 is a 2007 zero turn mower, and will be 15 years old at time of replacement. #151 is a 2005 front mount mower having 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, and will be 16 years old at time of replacement. #161 is a 2003 compact tractor, and will be 20 years old at time of replacement.

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, 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 broom and heater cabs, both 15 years old at time of replacement.

Parks Vehicle Replacement

FY18/19 Budget		\$ 45,000	
FY18/19 Projected		\$ 38,200	
FY19/20	\$ 70,000	FY24/25	\$ 105,000
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



FY18/19 Status Update

The FY18/19 budget included \$45,000, approved for the replacement of Truck #47, an extended cab short bed pickup. Fleet ordered the replacement unit from Currie Motors off the Suburban Purchasing Contract. Once the truck is delivered, the Fleet Division will have local distributors install a snow plow, bed liner, and undercoating before releasing it into the motor pool. Once the new unit is in place, the old unit will be sold via online auction on www.GovDeals.com.

Funded Projects

This truck was scheduled to receive a propane conversion; however, grants are not available at this time. The grant reduces the cost of the propane conversion by one-half.

FY19/20 Project Information

Replacement of Truck #48 (\$45,000) and new vehicle for Building Maintenance (\$25,000): Direct replacement of a 2006 Chevy Silverado 2500 regular cab. PRK48's condition after 14 years is poor, with corrosion leaving the cab mounts rotten and misaligned with the bed. The rockers and floors rusted out years ago, leaving the unit with sign material riveted to the floor boards to remain active in the fleet and safe to use. Proposed replacement is a standard cab ¾ ton truck without plow. The second request is a medium duty pickup truck as transportation after a new building maintenance position is filled.



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.

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

FY18/19 Budget		\$ 45,000	
FY18/19 Projected		\$ 37,800	
FY19/20	\$ 105,000	FY24/25	\$ 0
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



FY18/19 Status Update

The FY18/19 budget included \$45,000, approved for the replacement of Truck #6; an extended cab short bed pickup. Fleet ordered the replacement unit from Currie Motors off the Suburban Purchasing Contract. Once the truck is delivered, the Fleet Division will have local distributors install a snow plow, bed liner, and undercoating before releasing it into the motor pool. Once the new unit is in place, the old unit will be sold via online auction on www.GovDeals.com. This truck was scheduled to receive a propane conversion; however, grants are not available at this time. The grant reduces the cost of the propane conversion by one-half.

FY19/20 Project Information

Replacement Truck #2 (\$105,000): The Street Division is requesting the replacement for Truck #2 to be a medium duty dump truck to make operations more efficient. Truck #2 is a 2006 Silverado 2500 that has a poor exterior condition. The proposed unit will be upfitted with snow and ice control equipment. Pictured are the rocker panels of STR #2.



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

Replacement of two pickups, Truck #1 (\$25,000) and Truck #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 within this request. A similar amount has been requested in the Parks Vehicle Replacement CIP. 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.

Funded Projects

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, 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.

Fleet Vehicle Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 55,000	FY24/25	\$ 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



FY19/20 Project Information

Replacement of Truck #99 (\$55,000): Truck #99 is a 2002 Chevy Silverado 2500 currently used by the Fleet Division to complete road service calls and respond to emergency repairs. It is one of the oldest pickups in service, and as such, is succumbing to exterior cab corrosion. The rocker panels have split from rust and the floors are approaching replacement. The truck does not have provisions for powering tools, has limited tool storage, and no lift gate to assist with larger items, potentially exposing employees to at-work injuries. As the average age of the motor pool increases, the repairs required to keep the fleet active grow more expansive and urgent. This unit will be 17 years old at the time of replacement.



City Hall Vehicle Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
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



FY22/23 Project Information

Replacement of Car #80 (\$20,000): FY22/23 seeks funds to begin an in-house managed vehicle replacement program, purchasing one light vehicle like a Ford Escape and retaining it for a period of 3 to 5 years, selling it at peak-used market value and funding a large portion of the replacement cost. While initially this requires a capital investment, the project should only require partial funding after FY23/24, as the net income from sold vehicles replenishes the fund for their replacements. Currently only one vehicle is assigned for use by City Hall employees. It is a 2007 Honda Civic and will be 15 years old at time of replacement.



General Corporate Street/Sidewalks/ Signals

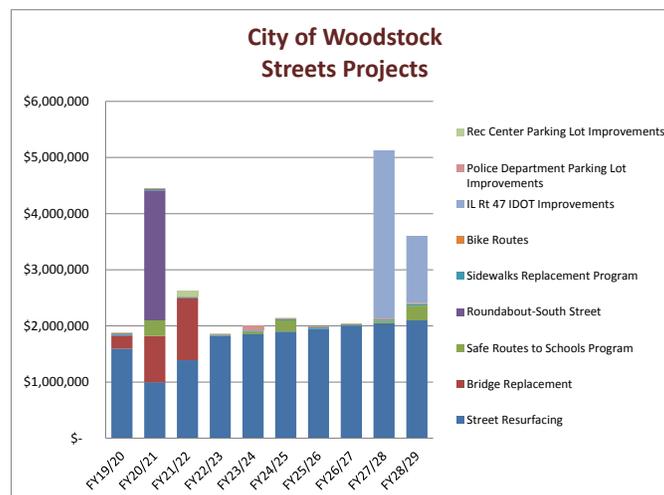
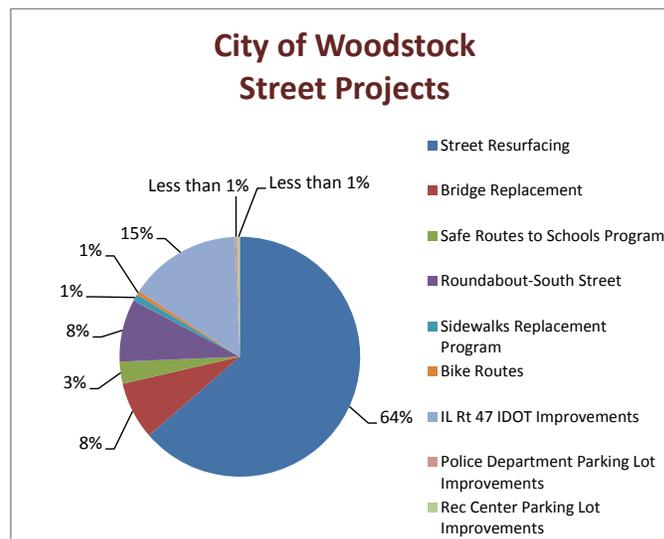
**CIP Document
FY19/20-FY28/29**

General Corporate – CIP - Streets

OVERVIEW

A combination of existing bond payments (approximately \$140,000 per year), and, most importantly, the dedication of funds to ensure an appropriate Annual Street Resurfacing Program (\$20.0 million over the ten-year planning period) will absorb much of the CIP revenues needed for transportation projects. In addition, long-term planning allows the City to accumulate reserves to pay for the City’s anticipated costs related to the expansion of Route 47 and the railroad overpass improvements. Overall, \$27,740,000 has been devoted to street projects over the ten-year planning period, representing approximately 61% 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, \$2,573,200 per year. If grant revenues are included, the average annual spending increases to \$2,750,200 for the revitalization of the City’s important transportation network.



General Corporate – CIP – Streets

General Corporate - CIP Fund Streets/Sidewalks/Signals	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Streets/Sidewalks/Signals													
Street Resurfacing	\$ 1,760,000	\$ 1,846,200	\$ 1,595,000	\$ 995,000	\$ 1,390,000	\$ 1,820,000	\$ 1,850,000	\$ 1,900,000	\$ 1,950,000	\$ 2,000,000	\$ 2,050,000	\$ 2,100,000	\$ 17,650,000
Bridge Replacement	100,000	100,000	225,000	825,000	1,100,000	-	-	-	-	-	-	-	2,150,000
Safe Routes to Schools Program	40,000	40,000	-	280,000	-	-	40,000	200,000	-	-	40,000	260,000	820,000
Roundabout-South Street	133,000	130,000	20,000	2,315,000	-	-	-	-	-	-	-	-	2,335,000
Sidewalks Replacement Program	45,000	43,300	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	30,000	255,000
Bike Routes	-	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	150,000
IL Rt 47 IDOT Improvements	-	-	-	-	-	-	-	-	-	-	3,000,000	1,200,000	4,200,000
Police Department Parking Lot Improvements	-	-	-	-	-	-	80,000	-	-	-	-	-	80,000
Rec Center Parking Lot Improvements	-	-	-	-	100,000	-	-	-	-	-	-	-	100,000
Total Streets/Sidewalks/Signals	\$ 2,078,000	\$ 2,159,500	\$ 1,880,000	\$ 4,455,000	\$ 2,630,000	\$ 1,860,000	\$ 2,010,000	\$ 2,140,000	\$ 1,990,000	\$ 2,040,000	\$ 5,130,000	\$ 3,605,000	\$ 27,740,000

Resurfacing/Infrastructure Maintenance Spending by Fiscal Year:

General Corporate - CIP Fund Total Road Resurfacing by Fiscal Year	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Street Resurfacing	\$ 1,595,000	\$ 995,000	\$ 1,390,000	\$ 1,820,000	\$ 1,850,000	\$ 1,900,000	\$ 1,950,000	\$ 2,000,000	\$ 2,050,000	\$ 2,100,000	\$ 17,650,000
Bridge Replacement	225,000	825,000	1,100,000	-	-	-	-	-	-	-	2,150,000
Roundabout-South Street	20,000	2,315,000	-	-	-	-	-	-	-	-	2,335,000
IL Rt 47 IDOT Improvements	-	-	-	-	-	-	-	-	3,000,000	1,200,000	4,200,000
Police Department Parking Lot Improvements	-	-	-	-	80,000	-	-	-	-	-	80,000
Rec Center Parking Lot Improvements	-	-	100,000	-	-	-	-	-	-	-	100,000
Church Street Parking Lot Maintenance	-	-	-	-	-	-	-	-	-	-	-
Throop Metra Parking Lot Maintenance	-	-	172,000	-	-	-	-	-	-	-	172,000
East Jefferson Parking Lot Maintenance	-	-	-	100,000	-	-	-	-	-	-	100,000
West Judd Parking Lot Maintenance	-	-	-	-	75,000	-	-	-	-	-	75,000
Park Resurfacing	100,000	100,000	100,000	100,000	80,000	-	80,000	-	80,000	-	640,000
Total Road Projects	\$ 1,940,000	\$ 4,235,000	\$ 2,862,000	\$ 2,020,000	\$ 2,085,000	\$ 1,900,000	\$ 2,030,000	\$ 2,000,000	\$ 5,130,000	\$ 3,300,000	\$ 27,502,000

*Includes Funds from other CIP Sections

Street Resurfacing

FY18/19 Budget		\$ 1,760,000	
FY18/19 Projected		\$ 1,846,200	
FY19/20	\$ 1,595,000	FY24/25	\$ 1,900,000
FY20/21	\$ 995,000	FY25/26	\$ 1,950,000
FY21/22	\$ 1,390,000	FY26/27	\$ 2,000,000
FY22/23	\$ 1,820,000	FY27/28	\$ 2,050,000
FY23/24	\$ 1,850,000	FY28/29	\$ 2,100,000



FY18/19 Status Update

This line item pays for activity related to improvements for the City’s pavements. In 2018 this line item consisted of the following activities:

	Budget	Projected
Preliminary Engineering	\$57,000	\$39,800
Soil / Pavement Cores	\$9,000	\$9,400
Construction Engineering	\$87,800	\$28,000
Materials Testing	\$5,000	\$5,000
Streets Construction Cost	\$1,491,200	\$1,483,900
Skip-Patching	\$80,000	\$74,100
Reclamite	\$30,000	\$29,900
Lake Ave WM Break Patch	\$0	\$28,800
2017 Resurfacing-Plote	\$0	\$107,300
2019 Preliminary Engineering	\$0	\$40,000
TOTAL	\$1,760,000	\$1,846,200

The reduction in Preliminary and Construction Engineering costs is attributed to the hiring of a new City Engineer, which occurred in the middle of these contracts. The Construction Engineering cost was also reduced due to the contribution provided by the City’s Construction Engineering Inspector. The Lake Avenue water main break required significant Hot-Mix Asphalt patches to be completed, which were beyond the capabilities of Public Works Staff. A portion of the work completed as part of the 2017 street resurfacing contract also had to be included in this line item. In an attempt to shift the work involved in this line item to earlier in the year, the 2019 Preliminary Engineering cost will also be paid from this line item.

The City's Street Resurfacing Program funded improvements to the following segments of residential streets in 2018:

Street	From	To
Island Ct.	Terry Ct.	End (cul-de-sac)
Forest Ave.	Austin Ave.	Blakely St.
Hayward St.	South St.	Herrington Pl.
Street	From	To

General Corporate – CIP – Streets – Funded Projects

Gerry St.	Gerry Ct.	Hickory Ln.
Tryon St.	South St.	Dean St.
Clay St.	Walnut Dr.	Terry Ct.
Queen Anne Rd.	North City Limits	Heider Farm
Moraine Dr.	South St.	Westwood Tr.
Douglas St.	E. Judd St.	Calhoun St.
Blakely St.	Highland Ave.	Kimball Ave
Cherry Ct.	Clay St.	Tappan St.
Highland Ave.	Dean St.	Muriel St.
Quinlan Ln.	Pleasant St.	Becking Ave.
Halma Ln.	W. Halma Ln.	E. Halma Ln.
Meadow Av.	Tappan St.	Queen Anne St.
Queen Anne Rd.	Rt.120	Banford Rd.

Note: Without the additional revenue from Home Rule Sales Tax, the above highlighted streets could not have been resurfaced in FY18/19.

On June 5, 2018, the City Council awarded a contract to Geske & Sons, Inc., Crystal Lake, IL in the amount of \$1,468,812 to complete the annual resurfacing program. The actual amount to be paid for the work is projected to be \$1,483,879. As part of the preliminary design stage the City obtains a geotechnical report which utilizes soil borings and pavement cores at all proposed locations of work to establish existing conditions. These not only help to determine what the existing sections of pavement consist of, but also best helps to plan for the most efficient design. The existing conditions that are established from the geotechnical report help to determine the level of work that is required at each location. However, conditions encountered in the field still can be different than what is assumed based on a single sample taken on a 2,000-foot long street or even a 350-foot long street. It was the case this year that the improvement strategy used in a few locations had to be changed from the original, which resulted in higher construction costs.

FY19/20 thru FY28/29 Project Description

The annual street improvement program is one of the City's largest regular annual expenditures. The development of the program each year requires multiple steps and considers a variety of input. Street conditions are monitored continuously and streets in need of improvements are added to a preliminary list for the current year's program based on past condition ratings, current conditions and public comment. A cursory estimate of cost is developed by the City Engineer based on general assumptions and existing information within the City's GIS database and other records. The cursory estimate provides a relative idea as to whether the preliminary list will need to be narrowed, or if additional streets can be added to the current year's program. Each street on the preliminary list is then measured (reviewed if it has been previously measured) and evaluated to determine the best-suited improvement strategy based on a visual review of the street condition. Gathered information and assumptions are used to develop preliminary estimates of cost of construction for the street-related items based on current market unit prices.

If the preliminary estimates of cost greatly exceed the current year's budget, the list will be narrowed as needed to develop a pre-final list of streets. Once the pre-final list of streets has been developed, pavement cores and soil borings are completed to confirm the proposed improvement strategies for each street are suitable. If information obtained from the borings conflict with the proposed strategies, adjustments are made and estimates of cost are updated. Any public utilities such as water, sanitary sewer and storm sewer within the pre-final list of streets are also considered. Storm sewer and sanitary sewer are televised (if they have not been within 5 years) to determine potential needs for replacement or repairs. City records of water-main breaks, known pipe conditions, insufficient depths, and material age are reviewed to determine the need for replacement or repairs. Based on the pavement cores/soil borings and public

General Corporate – CIP – Streets – Funded Projects

utility assessment the estimates of cost for all pre-final streets are updated. If the total estimated cost of streets on the pre-final list varies greatly from the current year’s budget, the list of streets is adjusted accordingly. The resulting final list from this step is what will be inserted in to the contract documents for competitive bid for construction.

Once the contract goes out to bid and ultimately is awarded to a contractor, the list is reviewed again to ensure the current year’s program will remain with the current year’s budget. Throughout construction the actual quantities used are continuously evaluated and forecasted to ensure budgets are maintained as close as possible. The list of streets which are included in the contract does not always match the list of streets that are completed in the program. Streets are sometimes added or eliminated based on the actual conditions encountered during construction.

The development of a list for proposed street improvements for FY19/20 is in progress. Currently, the City Administration has a preliminary list of streets for which estimates of cost need to be developed and then the list revised to obtain the pre-final list. The cursory estimate of cost for the preliminary list of streets is approximately \$4.4 million dollars and the budget for FY19/20 is approximately \$1.6 Million.

Street	From	To
Aspen Dr.	Entrance	Applewood Ln.
Bull Valley Dr.	Taurus Ct.	Oakmont Dr.
Castle	Rt. 47	Willow Brook Ent.
Dakota Ridge Dr.	Entrance	Exit
Dane St.	Washington St.	Dacy St. +500’
Dieckman St.	Rt 47	End
Greta Ave.	Duvall Dr.	End cul-de-sac
Judd St.	Seminary Ave.	Rt. 47
Julie St	Russel Ct.	Birch Rd.
Lamb Rd.	RR Tracks	North to City Limit
Lincoln Ave.	Dacy St.	Tryon St.
Pleasant St.	Amsterdam St.	Mary Anne St.
Robert Dr.	Thomas Dr.	Carlisle Dr.
Roosevelt St.	Lawndale Ave.	Oakwood St.
Short St.	Wicker St.	RR Tracks
St. Johns Rd.	Rt. 47	To Bridge
Tara Drive	Tara Ct.	Golden Ave.
Todd Ave.	Madison St.	Rt. 47
Wheeler St.	First St.	Third St.
Wicker St.	Rt.120	R.R. Tracks
Willow Ave.	Tappan St.	Walnut Dr.

Some of the revenue from the sales tax increase in the first three years of this 10-year CIP will be used to pay for the replacement of a bridge on Melody Lane and a bridge over St. Johns Road. Those projects are described in the following General Fund - CIP request.

Bridge Replacement

FY18/19 Budget		\$ 100,000	
FY18/19 Projected		\$ 100,000	
FY19/20	\$ 225,000	FY24/25	\$ 0
FY20/21	\$ 825,000	FY25/26	\$ 0
FY21/22	\$ 1,100,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 Status Update

Under the guidelines of the Federal Highway Administration, the City is required to inspect its only bridge that qualifies, located on Melody Lane, not less than every 24 months. The results from the inspection reveal that the City should begin making plans to replace this structure because it is “in poor condition.” The Federal Government does have grants available for this type of work that would reimburse the City for 80% of the total construction and construction engineering costs. 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.

FY19/20 Project Information

It is recommended that phase 2 design engineering for the Melody Lane bridge be initiated in FY19/20 (\$75,000).

An inspection was also completed in 2017 on the St. Johns Road bridge. Because the structure is less than twenty feet in length, it is not on the National Bridge Inventory and; therefore, grant funding is not available for its repair or replacement. It was noted in the inspection report that “this bridge is nearing the end of its remaining useful life. Repairing the bridge may not be economical. Consideration should be given to replacing the structure.” Funds are requested in FY19/20 to complete both phase 1 and phase 2 engineering for the St. Johns Bridge in the same fiscal year (\$150,000).

FY20/21 Project Information

Funding is requested for construction and construction engineering costs associated with the Melody Lane bridge (\$825,000).

FY21/22 Project Information

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

Safe Routes to Schools

FY18/19 Budget		\$ 40,000	
FY18/19 Projected		\$ 40,000	
FY19/20	\$ 0	FY24/25	\$ 200,000
FY20/21	\$ 280,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 40,000
FY23/24	\$ 40,000	FY28/29	\$ 260,000



FY18/19 Status Update

A Federal Safe Routes to Schools (SRTS) grant cycle opened up in 2018. The City anticipated awarding a contract for design engineering (phase 1) in FY18/19. The project will entail both new and replacement sidewalk on Kimball Avenue from Lake Avenue to Dean and West Jackson, Hill, and W. Judd. Phase 1 engineering will provide the City with right-of-way dedication documents, and plans and specifications for bidding. If the City is successful in obtaining the grant funds, it will initiate construction in the spring of 2020. This grant cycle offers up to \$200,000 with no local match required for construction and construction engineering services.

FY20/21 Project Information

If the City is successful in obtaining a grant, funds will pay for 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.

FY23/24 Project Information

The City will use these funds to initiate design engineering related to new sidewalk along Tappan from Meadow to Greenwood (\$40,000). This request is dependent upon a call for projects. Construction is likely to occur in FY24/25.

FY24/25 Project Information

If the City is successful in obtaining a grant, the City will use these funds to construct new sidewalk along Tappan from Meadow to Greenwood.

FY27/28 Project Information

Funds are requested to pay for design services for new sidewalk along Greenwood from Tappan to Wicker.

FY28/29 Project Information

If the City is successful in obtaining a grant, the City will use these funds to pay for construction and construction engineering for new sidewalk along Greenwood from Tappan to Wicker.

South/Lake/Madison Roundabout

FY18/19 Budget		\$ 133,000	
FY18/19 Projected		\$ 130,000	
FY19/20	\$ 20,000	FY24/25	\$ 0
FY20/21	\$ 2,315,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 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. STP funding will provide for the reimbursement of 80% of the total cost for construction and construction engineering (Phase III) services up to a maximum of one million dollars. Based upon information from the McHenry County Council of Mayors, additional funding may be requested up to 10% so the City is planning to request funds to help pay to light the new intersection. Based upon the breakdown of estimated costs for this roundabout project, the City could receive reimbursement of up to \$1,100,000 for a project with a value of \$3,050,000. Costs in FY18/19 are to pay consultants to complete plans and specifications for the project along with land acquisition required at all four corners of the existing intersection and funds to help with minor environmental cleanup.

FY19/20 Project Information

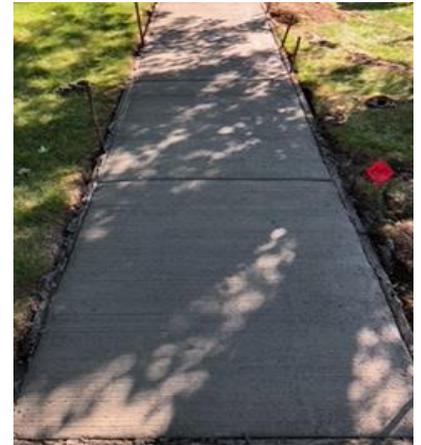
Plans for the proposed roundabout include a September 2019 bid letting. Most of the construction will take place in calendar year 2020. Funds in FY19/20 will cover the cost for final design, plan development and bid specifications.

FY20/21 Project Information

Roundabout construction will begin in the spring of 2020. As a result, funds are requested to cover expenses associated with the final completion of the roundabout project. Total construction costs including engineering and land acquisition are anticipated to be \$3,050,000 with \$1,100,000 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 cover this work. All funds associated with this project after FY20/21 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

FY18/19 Budget		\$45,000	
FY18/19 Projected		\$43,300	
FY19/20	\$ 25,000	FY24/25	\$ 25,000
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



FY18/19 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 2018, 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 that helped reduce unit prices. As the lowest responsible bidder, Globe Construction was selected as the contractor for this program.

During 2018, this program yielded the removal and replacement of 6,664 square feet of sidewalk with no curb and gutter removal and replacement.

FY19/20 thru FY28/29

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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 15,000	FY24/25	\$ 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



FY19/20 thru FY28/29 Project Description

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.” Considering the stagnant housing market at that time, the likelihood of creating a bicycle network as part of a new construction project was minimal.

In 2018, the Transportation Commission is working on updating the Master Bicycle Plan. In addition, the current state of the housing market supports hope for the creation of new bicycle paths as part of new construction projects.

Review of the plan includes a recommendation to reorganize existing roadways to include bicycle lanes. In order to identify such locations, the City Administration could coordinate with local volunteer groups. Low-cost options such as pavement marking and signage provide the community with the best opportunity for a short term, inexpensive bicycle network.

Requested funds 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 or pave a bicycle path, if the appropriate opportunity exists.

IL Rt. 47 IDOT Improvements

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 3,000,000
FY23/24	\$ 0	FY28/29	\$ 1,200,000



FY27/28 Project Description

IL Rt. 47 Improvements: For a number of years, the City Council has been very vocal at both the local and state level about the need for improvements to IL Rt. 47; especially the portion that is constructed through the City of Woodstock. Prior to the first Stakeholder Involvement Meeting in 2010, the City spent some of its own funds to help draw attention to the project, complete some of the engineering to find alternatives, and to look at its own roadways to alleviate congestion along this state route under the control and jurisdiction of the Illinois Department of Transportation (IDOT). The City met with IDOT to discuss the progress on this project and the latest information is as follows:

- Proposed highway improvements are typically processed in three distinct phases. In Phase I (preliminary engineering phase), proposed geometry, environmental concerns as well as right-of-way requirements are defined. During Phase II, contract plans are prepared and the necessary right-of-way is acquired. Phase III represents the actual construction of the improvement. Phase II, contract plan preparation, is currently funded and will begin upon completion of the Phase I study. **Funding for land acquisition, construction and construction engineering is not currently included in the Department's Fiscal Year 2018-2023 Proposed Highway Improvement Plan.** However, funding for this project will be considered among similar improvement needs throughout the region. Once additional funding is identified, the land acquisition process is anticipated to take 18 to 24 months to complete and construction is anticipated to take 24 months to complete.

The City will continue its outreach efforts. In the meantime, City staff will continue to meet with representatives from Senator Durbin's Office, Congresswoman Underwood, Union Pacific (UP), IDOT, and McHenry County as necessary and appropriate. In addition, the City will work to prepare business owners along the corridor for the construction phase of this project and be good stewards with regard to helping them remain viable until final restoration.

While capacity improvements to Illinois Route 47 in Woodstock remain a high priority for the community, the scope and size of these improvements are substantially beyond Woodstock's ability to fund as local improvements. From a financial view, the City must wait on IDOT to obtain federal and state funding. Construction is tentatively projected for FY27/28 and as such, funds will need to be paid to cover the costs associated with activities like signalization improvements, streetlights, multi-use path, sidewalk, landscaping, relocation of fiber-optic lines, and other services related to construction layouts and engineering inspections.

General Corporate – CIP – Streets – Funded Projects

An unfunded CIP request in the amount of \$6,000,000 has been submitted within the Water & Sewer Fund CIP to cover the relocation of water & sewer lines as per the project design.

FY28/29 Project Description

The IL Rt. 47 Improvements will take two years to construct, as such, costs to cover signalization improvements, streetlights, multi-use path, sidewalk, landscaping, relocation of fiber-optic lines, and other services related to construction layouts and engineering inspections will need to be paid out as the work progresses.

Police Department Parking Lot Resurfacing

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 80,000	FY28/29	\$ 0



FY23/24 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 as well. 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 FY23/24. 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

FY18/19 Budget			\$ 0
FY18/19 Projected			\$ 0
FY19/20	\$ 0	FY24/25	\$ 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



FY21/22 Project Description

Many sections of the Recreation Center Parking Lot are reaching the end of their useful life. Some of the failure is due to the lack of proper drainage, which will be corrected prior to the initiation of any pavement improvements. The water that covers the asphalt can and should be drained to the Kimball Avenue frontage. The sections at the front of the facility are original to the construction of the building itself. 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 that are in direct competition. Improvements will be included in the resurfacing bid in FY21/22 in order to get the best unit prices for construction.



General Corporate Stormwater

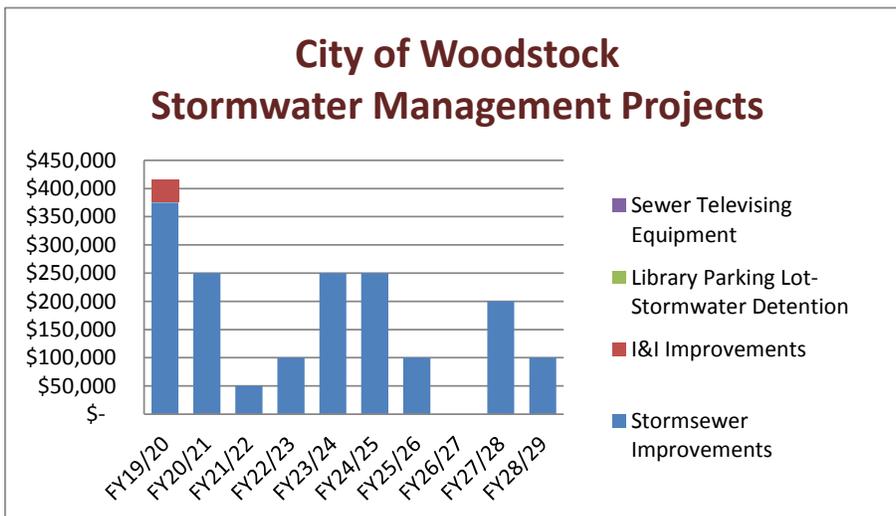
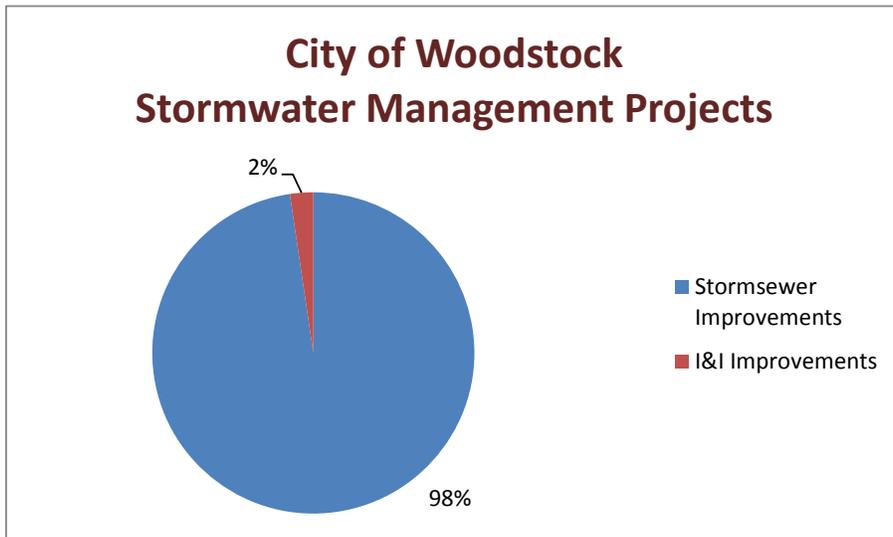
**CIP Document
FY19/20-FY28/29**

General Corporate – CIP - Stormwater

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 \$1,715,000.

As illustrated in the graphs presented below, Storm sewer Improvements represent the majority of projects 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. In addition, the auxiliary parking lot will need to be repaired for the Library.



General Corporate – CIP – Stormwater

General Corporate - CIP Fund Stormwater Management	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Stormwater Management													
Stormsewer Improvements	\$ 50,000	\$ 39,800	\$ 375,000	\$ 250,000	\$ 50,000	\$ 100,000	\$ 250,000	\$ 250,000	\$ 100,000	\$ -	\$ 200,000	\$ 100,000	\$ 1,675,000
I&I Improvements	-	4,100	40,000	-	-	-	-	-	-	-	-	-	40,000
Library Parking Lot-Stormwater Detention	60,000	15,000	-	-	-	-	-	-	-	-	-	-	-
Sewer Televising Equipment	26,000	16,000	-	-	-	-	-	-	-	-	-	-	-
Total Stormwater Management	\$ 136,000	\$ 74,900	\$ 415,000	\$ 250,000	\$ 50,000	\$ 100,000	\$ 250,000	\$ 250,000	\$ 100,000	\$ -	\$ 200,000	\$ 100,000	\$ 1,715,000

Storm Sewer Improvements

FY18/19 Budget		\$ 50,000	
FY18/19 Projected		\$ 39,800	
FY19/20	\$ 375,000	FY24/25	\$ 250,000
FY20/21	\$ 250,000	FY25/26	\$ 100,000
FY21/22	\$ 50,000	FY26/27	\$ 0
FY22/23	\$ 100,000	FY27/28	\$ 200,000
FY23/24	\$ 250,000	FY28/29	\$ 100,000



FY18/19 Status Update

The City needed to relocate an old storm sewer that is located in the rear yards of several private properties leading from Dean Street to Jefferson Street (just north of Lawrence Avenue). The City first experienced a failure of the storm sewer in 2013 when blockages and collapsed piping resulted in several rear yards being flooded and backups occurring adjacent to garages and houses. The exact location of this storm sewer was unknown and it has since been determined that several structures and decks have been built over it. Access to the sewer for repairs, maintenance and cleaning is impossible at most locations due to the limited space available for trucks and/or equipment. In addition, there are no maintenance easements over this storm sewer. The City has contracted with Hampton, Lenzini, & Renwick to design the relocation of the storm sewer in the public right-of-way so that it can be easily accessed for cleaning and maintenance. Design services are estimated to cost not more than \$24,800. If funds are approved, construction will take place in FY19/20.

\$15,000 was also approved for engineering associated with the Kimball Avenue property and the retention pond at the east end of it. The retention pond on the property may be too small, and as a result contributing to some rear yard flooding on private property.

FY19/20 Project Information

Funds are requested to relocate the Lawrence Avenue storm sewer from the rear yards to the public right-of-way in FY19/20 (\$300,000). The old storm sewer will be abandoned in place once the new storm sewer is installed. In addition, \$75,000 is requested to expand the size of the retention pond on Kimball Avenue and to re-tile the Kimball Avenue property so it can be mowed regularly.

FY20/21 Project Information

Funds are also 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. Funds are also requested to complete a small (\$15,400) storm sewer project on Dane Street.

Funded Projects

FY21/22 Project Information

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 for storm sewer rehab and lining of existing storm pipes and manhole structures throughout the storm water collection system.

FY22/23 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 at McConnell Road and Route 47. In FY14/15 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). The remaining budgeted funds will be used for storm sewer rehab and lining of existing storm pipes and manhole structures throughout the storm water collection system.

FY23/24 Project Information

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

FY24/25 Project Information

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

FY25/26 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 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.

FY27/28 Project Information

Funds are requested for storm sewer improvements that have not yet been identified (\$200,000), and for storm sewer rehab and lining of existing storm pipes and manhole structures throughout the storm water collection system.

FY28/29 Project Information

Funds are requested for storm sewer rehab and lining of existing storm pipes and manhole structures throughout the storm water collection system.

I & I Improvements – US Rt. 14 & Dean

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 4,100	
FY19/20	\$ 40,000	FY24/25	\$ 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



FY18/19 Status Update

A forty-two inch concrete culvert pipe running under Dean Street just north of the intersection with US Route 14 received necessary repairs during March of 2018. Prior investigation of a sinkhole in the roadway above this pipe revealed that maintenance was necessary at several joints. Excess silt deposits at both the inlet and outlet portions of the culvert resulted in constant standing water in the culvert increasing hydraulic stress on the joints during weather events.

Staff worked with IDOT to perform necessary grade maintenance at the culvert outlet to allow water to flow where intended. The intended route for this storm water extends approximately 300 feet to the east of this intersection, flows under US Route 14 via concrete culvert, then under Davis Rd, and into the McHenry County Conservation District Creek.

There are three repair options for this culvert; first was to replace the entire culvert; second was to expose the culvert and seal it in concrete; third was to line the culvert from the inside through a process called pipe lining (pictured above). This option allows traffic to continue with nominal interruption. Rather than replacing the entire culvert or sealing it in concrete, which both involve extensive amounts of labor and disruption to traffic flow, lining the inside of the culvert was chosen for this repair – with a quoted amount of \$46,950.

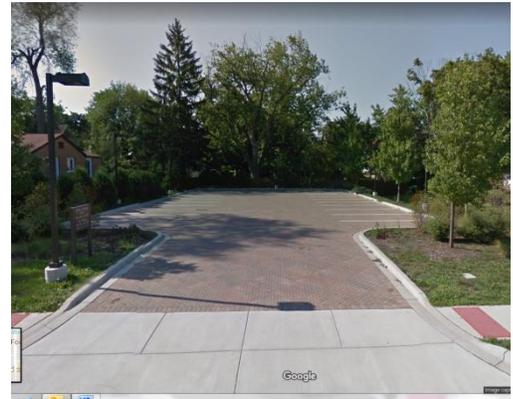
As work began on the structure, another issue arose that required attention. All of the joints in the culvert had separated at the bottom, allowing water into the pipe from an unintended source. This required a change order intended for \$4,140 for additional time and materials outside of the original bid specifications. Although this project was completed before the end of FY17/18, the change order amount did not get paid until June of 2018.

FY19/20 Project Information

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 is recommended that this channel be professionally cleaned in FY19/20.

Library Parking Lot - Storm Water Detention

FY18/19 Budget		\$ 60,000	
FY18/19 Projected		\$ 15,000	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

Nine years ago, the City constructed a permeable parking lot with storm water detention beneath it in order to control some localized flooding. The storm water detention worked very well and it solved the localized flooding problem. Shortly after the parking lot was constructed the City recognized very small areas throughout the lot that appeared to be settling. It was thought that this condition might occur on an infrequent basis for a period of time after construction; however, after further investigation, it was determined that aggregate material beneath the permeable pavers was entering the StormChamber sections due to the failure of a seal around the sidewalls of connecting pipes. City staff has been working on resealing the connecting pipes and the lot should be back in service winter of 2018 or late spring of 2019.

General Fund – Sewer Televising Equipment

FY18/19 Budget		\$ 26,000	
FY18/19 Projected		\$ 16,000	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 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



Funded Projects

FY18/19 Status Update

For more than a few years now, the City has cleaned and inspected sanitary and storm sewer pipes beneath streets that are to be resurfaced. The inspection part of this process requires televising equipment, which comes in several different styles. There are three that Public Works demonstrated in 2018. The first is a quick view system having a camera mounted on a pole that is physically lowered into a manhole providing a picture and/ or video looking into the end of the pipe. This tool is also useful in obtaining a simple view of the structure itself. The second is a jet scan which attaches to the end of the hose used for rodding sewers. The water pressure moves the camera through the sewer line. The third is a physical crawler that has wheels or tracks, is self-powered, and it crawls through the pipe. The third style is the most expensive. Before the end of FY18/19, Public Works will purchase a quick view and a jet scan system for a total cost of \$32,000. One half of the cost will be paid by the General Fund and one-half will be paid by the Utility Fund since this equipment will be shared. Public Works believes that these systems will provide the necessary data for 80% of the issues that are encountered and it will also reduce and/ or eliminate the need to contract out televising services.





General Corporate Former TIF

**CIP Document
FY19/20-FY28/29**

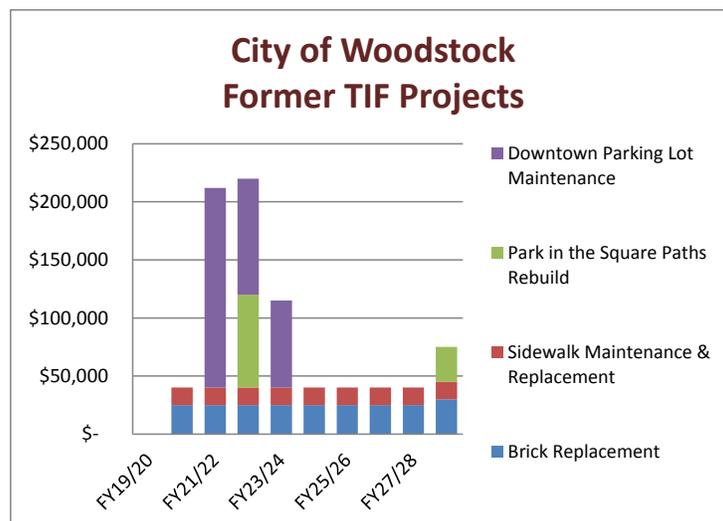
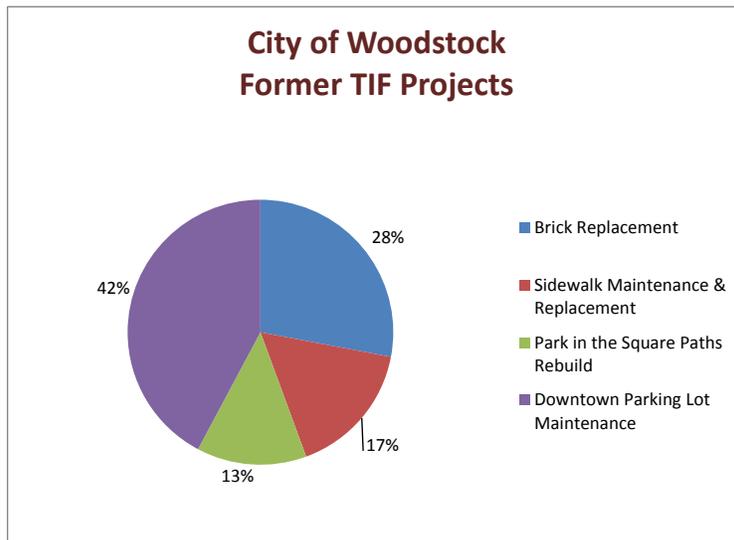
General Corporate – CIP – Former TIF

OVERVIEW

The City created the Woodstock Downtown Tax Increment Financing (TIF) District in April of 1997. TIF property tax increment is only received for 23 years from the establishment of the TIF and this one 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, Staff has identified \$822,000 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, Downtown Parking Lot and road brick replacement represent 70% of projects funded over the ten-year period.

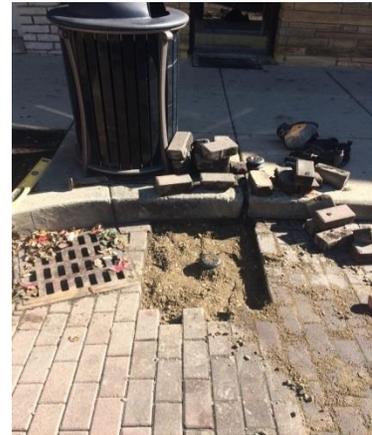


General Corporate – CIP – Former TIF

General Corporate - CIP Fund Former TIF Expenses	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	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	\$ 230,000
Downtown Sidewalk Maintenance & Replacement	-	-	-	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	135,000
Park in the Square Resetting Brick Walks	-	-	-	-	-	80,000	-	-	-	-	-	30,000	110,000
Church Street Parking Lot Maintenance	40,000	44,300	-	-	-	-	-	-	-	-	-	-	-
Throop Metra Parking Lot Maintenance	-	-	-	-	172,000	-	-	-	-	-	-	-	172,000
East Jefferson Parking Lot Maintenance	-	-	-	-	-	100,000	-	-	-	-	-	-	100,000
West Judd Parking Lot Maintenance	-	-	-	-	-	-	75,000	-	-	-	-	-	75,000
Total Former TIF Expenses	\$ 40,000	\$ 44,300	\$ -	\$ 40,000	\$ 212,000	\$ 220,000	\$ 115,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 75,000	\$ 822,000

TIF – Downtown Brick Replacement

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$25,000
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



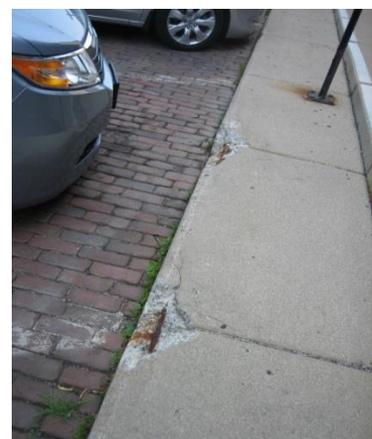
FY20/21 thru FY28/29 Project Information

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. Unless a TIF extension bill is passed, the TIF incremental property tax from this TIF will stop in FY21/22.

This brick replacement program needs to continue and as a result, funding will originate from the general fund CIP 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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 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



Funded Projects

FY20/21 thru FY28/29 Project Information

Downtown Sidewalk Maintenance (\$15,000 annually): 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. Unless a TIF extension bill is passed, the current TIF incremental property tax will stop in FY21/22.

Even though the TIF funding ends, this sidewalk maintenance program should continue and as a result, funding will originate from the general fund CIP 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.

Park in the Square Resetting Brick Walks

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 80,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 30,000



FY22/23 Project Description

Resetting Brick Walks (\$80,000): A system of brick paths carry visitors through the Park in the Square, conveying them to various gathering points and to various retailers around the perimeter. The bricks, similar to those comprising the roadway, convey nostalgia, a sense of history, and project a charm lost to other communities. Not unlike the roadway brick, pathway bricks require regular maintenance to retain integrity along the walking surface and avoid potential hazards one might encounter through an uneven surface. Movement of the ground through multiple freeze/thaw cycles creates undulations along the path that make missteps common and challenging for those who need assistance.

Addressing this condition correctly requires removal of the bricks and resetting them on a leveled and compacted gravel base. Additional work includes evaluation and replacement of plastic edging where appropriate and the application of polymeric sand to control weeds that grow between the bricks.

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. Unless a TIF extension bill is passed, the current TIF incremental property tax will stop in FY21/22. This project which would normally be funded through the TIF needs to be completed and as a result, funding will originate from the General Fund CIP.

Funded Projects

FY28/29 Project Description

Resetting Brick Walks (\$30,000): Funds are requested for the maintenance of brick walks throughout the Park in the Square. Maintenance may include but not be limited to the removal of the bricks and resetting them on a leveled and compacted gravel base. Additional work includes evaluation and replacement of plastic edging where appropriate and the application of polymeric sand to control weeds that grow between the bricks. Some new bricks may need to be purchased to replace deteriorated ones. Funding for this project will originate from the General Fund CIP since the current TIF will have expired.

Church Street Parking Lot Maintenance

FY18/19 Budget		\$ 40,000	
FY18/19 Projected		\$ 44,300	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

In FY18/19 the Church Street Parking Lot was resurfaced. Unfortunately, when the old surface was removed it was determined that unless the base was removed, the new asphalt surface would likely fail prematurely. As a result, costs to remove the parking lot base material followed by the installation of fabric and new base material were greater than the amount that was budgeted. The work was completed by the middle of November, 2018. This work should provide a pavement service life of 20-25 years.

Throop Street Metra Parking Lot Maintenance

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 172,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



Funded Projects

FY22/23 Project Information

Lot Resurfacing (\$172,000): The City owns a public parking lot located at the corner of Washington & Throop. The paved surface has reached the end of its useful life and funds are requested to have the parking lot resurfaced in FY22/23.

This work would normally be funded through the TIF. 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. Unless a TIF extension bill is passed, the TIF incremental property tax will stop in FY21/22. Even though the current TIF will have ended, this work still needs to be completed and as a result, funding will originate from the general fund CIP.

East Jefferson Parking Lot Maintenance

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 100,000	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY22/23 Project Information

Lot Resurfacing (\$100,000): The City owns a public parking lot located at the corner of Jefferson & Calhoun. The paved surface has reached the end of its useful life and funds are requested to have the parking lot resurfaced in FY22/23.

This work would normally be funded through the TIF. 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. Unless a TIF extension bill is passed, the TIF incremental property tax will stop in FY21/22. Even though the current TIF will have ended, this work still needs to be completed and as a result, funding will originate from the general fund CIP.

West Judd Street Parking Lot Maintenance

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 0	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 75,000	FY28/29	\$ 0



FY23/24 Project Information

Lot Resurfacing (\$75,000): The City owns a public parking lot located at the corner of Throop & W. Judd. The paved surface has reached the end of its useful life and funds are requested to have the parking lot resurfaced in FY23/24.

This work would normally be funded through the TIF. 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. Unless a TIF extension bill is passed, the TIF incremental property tax will stop in FY21/22. Even though the current TIF will have ended, this work still needs to be completed and as a result, funding will originate from the general fund CIP.



General Corporate Unfunded Projects

**CIP Document
FY19/20-FY28/29**

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

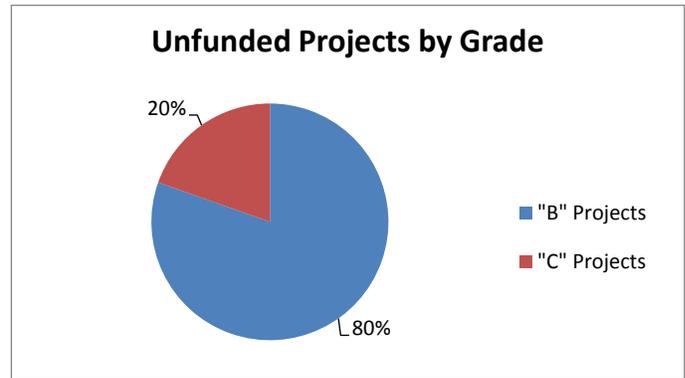
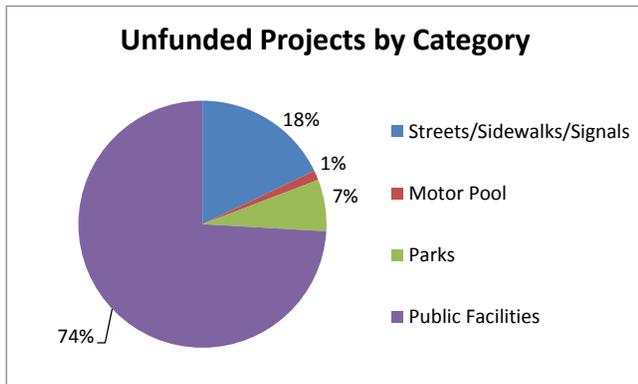
Projects needed for the proper expansion of a City service or facility, the exact timing of which can be deferred until adequate funding sources can be secured.

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 80%. A second pie chart shows the percentage of unfunded projects by category. Public Facilities make up the largest percentage at 74% 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 & Zoning Vehicle Replacement	\$ 80,000	B
Expansion/Improvements to Rec Center	\$ 400,000	B
IL Route 47 Crosswalks	\$ 167,400	B
New Public Works Facility	\$ 10,000,000	B
Olson Park Splash Pad	\$ 60,000	B
PW Administration Vehicle Replacement	\$ 60,000	B
Recreation Vehicle Replacement	\$ 20,000	B
Sidewalk Cost Share Program	\$ 500,000	B
50-50 Cost Share-Tree Planting Program	\$ 12,000	C
Dean Street Sidewalk	\$ 775,000	C
E. Judd Sidewalk Improvements	\$ 28,000	C
Emricson Park Land Expansion	\$ 135,000	C
Emricson Park Pond Dredging	\$ 110,000	C
Emricson Park Restrooms	\$ 265,000	C
Maintenance Shop-Bates Park	\$ 80,000	C
Parks Equipment-Specialty Mower	\$ 18,000	C
Recreation Path Maintenance	\$ 300,000	C
Westwood Lakes Estates- New Sidewalk	\$ 1,028,000	C
Total Unfunded	\$ 14,038,400	

Building & Zoning Vehicle Replacement

Requested Amount	\$ 80,000	Grade	B
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FY19/20 Project Information

Replacement of CED63 and CED64 (\$40,000): FY19/20 seeks funds to begin an in-house managed vehicle replacement program, purchasing two light vehicles like a Ford Escape retaining them for a period of 3 to 5 years, selling them at peak used market value and funding a large portion of the replacement cost. While initially this requires a capital investment, the project should only require partial funding after FY22/23, as the net income from sold vehicles replenishes the fund for their replacements.



The first two units, CED63, and CED64, are the oldest in the department with one being a 2007 Chevy Silverado Hybrid requiring expensive custom stator and cable replacement and a 2011 Crown Victoria. These units will be 13 and 9 years old respectively. As the Building and Zoning inspectors frequently travel outside of city limits to complete inspections for other communities, bringing revenue to the City of Woodstock, it is important to have reliable vehicles that reflect a positive image on these other communities.

FY20/21 Project Information

Replacement of CED66 (\$20,000): Planned replacement of CED66, a 2011 Crown Victoria, 10 years old at time of replacement.

FY21/22 Project Information

Replacement of CED600 (\$20,000): Planned replacement of CED600, a 2013 Ford Police Interceptor Sedan, 9 years old at the time of replacement.

FY23/24 Project Information

Replacement of CED 63 (\$20,000): Replacement of CED63 after 4 years.

FY24/25 Project Information

Replacement of CED64 (\$20,000): Replacement of CED64 after 5 years.

FY25/26 Project Information

Replacement of CED66 (\$20,000): Replacement of CED66 after 5 years.

FY26/27 Project Information

Replacement of CED600 (\$20,000): Replacement of CED600 after 5 years.

FY28/29 Project Information

Replacement of CED63 (\$20,000): Replacement of CED63 after 5 years.

Expansion/Improvements to Rec Center Site

Requested Amount	\$400,000	Grade	B
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Project Description

The gas station next to the Rec Center has been abandoned for several years. It is an unsightly facility and is also falling into disrepair. The Building & Zoning Department has attempted to contact the owners to improve the property and also to encourage the owners to sell the property to no avail. The Rec Department proposes the purchase of the property to convert to parking for the Rec Center. The existing underground fuel tanks, which would need to be removed, are obviously a significant hurdle to overcome; however, there are Federal grant monies available to fund a vast majority of the project, including the removal of the tanks.



IL Rt. 47 Crosswalks

Requested Amount	\$167,400	Grade	B
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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 a number of accidents recently 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. The proposed plan is as follows:



General Corporate – CIP – Unfunded Projects

FY19/20 - IL Rt. 47 – midblock crossing near Calhoun Street

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

FY20/21 - IL Rt. 47 at Lake Avenue – estimated cost which includes design and construction engineering services

- Install 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

FY21/22 - IL Rt. 47 at Judd Street/ Irving Avenue

- Install 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.

FY22/23- IL Rt. 47 at Country Club Road – estimated cost which includes design and construction engineering services

- Install 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

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 should begin sometime in FY22/23.



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.

PW Administration Vehicle Replacement

Requested Amount	\$ 60,000	Grade	B
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FY20/21 Project Information

Replacement of ADM60 (\$20,000): FY20/21 seeks funds to begin an in-house managed vehicle replacement program, purchasing one light vehicle like a Ford Escape and retaining it for a period of 3 to 5 years, selling it at peak used market value and funding a large portion of the replacement cost. While initially this requires a capital investment, the project should only require partial funding after FY23/24, as the net income from sold vehicles replenishes the fund for their replacements.



The first unit, ADM60, is a 2007 Chevy Impala repurposed from the Police Department and will be 14 years old at time of replacement.

FY21/22 Project Information

Replacement of ADM61 (\$20,000): Planned replacement of ADM61, a 2011 Ford Crown Victoria that will be 10 years old at time of replacement.

FY23/24 Project Information

Replacement of ADM62 (\$20,000): Planned replacement of ADM62, a 2013 Ford Police Interceptor Sedan, that will be 10 years old at time of replacement.

FY25/26 Project Information

Replacement of ADM60 (\$20,000): Replacement of ADM60 after 5 years.

FY26/27 Project Information

Replacement of ADM61 (\$20,000): Replacement of ADM61 after 5 years.

FY28/29 Project Information

Replacement of ADM62 (\$20,000): Replacement of ADM62 after 5 years.

Recreation Vehicle Replacement

Requested Amount	\$ 20,000	Grade	B
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FY22/23 Project Information

Replacement of REC73 (\$20,000): FY22/23 seeks funds to begin an in-house managed vehicle replacement program, purchasing one light vehicle like a Ford Escape and retaining it for a period of 3 to 5 years, selling it at peak used market value and funding a large portion of the replacement cost. While initially this requires a capital investment, the project should only require partial funding after FY23/24, as the net income from sold vehicles replenishes the fund for their replacements. The only unit, REC73, is a 2009 Ford Crown Victoria and will be 14 years old at time of replacement.



The only unit, REC73, is a 2009 Ford Crown Victoria and will be 14 years old at time of replacement.

FY27/28 Project Information

Replacement of REC73 (\$20,000): Replacement of REC73 after 5 years.

Sidewalk Cost Share Program

Requested Amount	\$ 500,000	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 via an outside contractor for the physical removal and replacement.



General Corporate – CIP – Unfunded Projects

Through involvement in this program, a resident can:

- 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.

50/50 Cost Share – Tree Planting Program

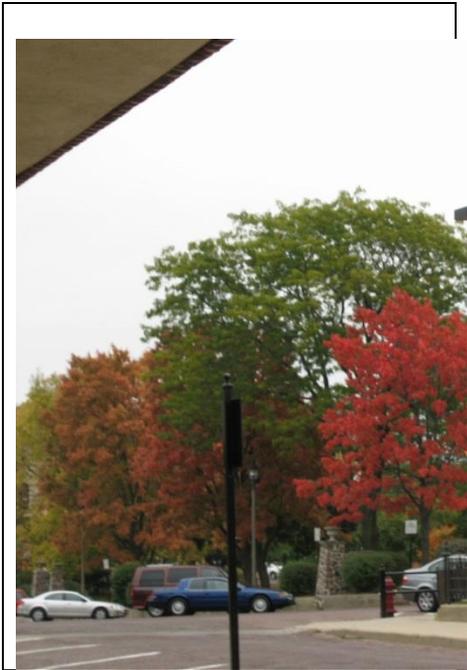
Requested Amount	\$ 12,000	Grade	C
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Project Description

It is the responsibility of the Public Works Department to plant and maintain trees in City parkways, parks, and other public areas. When those trees on public rights-of-way decline in health and become hazardous, it is the City’s policy to remove the tree to protect both public and private property adjacent to it. The City does consult with residents with regard to trees on private property, but maintenance of the tree is the responsibility of the property owner. Most recently, the Emerald Ash Borer (EAB) has decimated ash trees throughout the community. The significant number of hazardous ash trees that have been removed due to EAB infestation has had a negative impact on the community’s urban tree canopy.

As mentioned in the City’s Vision 2020 plan, the City is committed to becoming a connected green community. Part of becoming a green community includes maintaining a healthy and diverse urban tree canopy consistent with that vision for the community. Therefore, this project would provide funding to begin replacing trees in City parkways, parks, and other City-owned facilities to counteract the loss due to disease or insect infestation.

Trees planted in the public right-of-way have an effect on pavement deterioration (overhanging trees never let the road base dry out), full maturity is impacted when trees are planted under power lines, trip hazards on sidewalks are often caused by roots from mature trees, and all maintenance of right-of-way trees is at the City’s cost for the entire life of that tree. As a result, this request is to create a cost share program for the planting of trees on private property.



General Corporate – CIP – Unfunded Projects

The program will run as follows:

1. The City will identify specific nurseries or seek proposals for trees to be purchased by residents so that residents can be assured that they are getting a quality tree at a fair price
2. The resident will allow the City to confer with them about the best location on their property to plant the tree so it has the best chance to grow to maturity in addition to the type of tree and size to be planted
3. The resident goes to the nursery, pays for the tree and if necessary costs to have it planted (assuming resident cannot plant on their own)
4. City arborist inspects tree to be planted both at the nursery and after planting
5. Resident receives a maximum reimbursement of up to \$100/ year from the City as incentive to plant new trees

In the past, Woodstock residents have taken advantage of a cost share program for planting trees on private property. There were fiscal years when at the end of the budget year, all available funds were accounted for meaning that 60-80 new trees were being added to the community annually. It is recommended that the City reinstitute a cost share program for trees planted on private property in FY19/20 and beyond. If in the spring of 2020, funds remain available for tree planting, City staff would have the ability to use those funds to plant trees in City parks or in appropriate locations on public property. It is estimated that as many as 600 Ash Trees infested by the Emerald Ash Borer were removed from the public right-of-way in recent years. Based upon requested funds as many as 100 trees could be planted in FY19/20 assuming residents choose to participate in this program.

For all the reasons related to the fact that the City is dealing with mass removals of a single species, tree diversity will be a high priority. Final selection will be based on site conditions as well as neighborhood tree stock diversification. Tree planting locations will depend on a variety of factors, including: sight distance, utility, water service and/or sewer locations, street signs, fire hydrants, street lighting, resident input, etc.

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 50mph resulting in parental requests for construction of sidewalks to and from school.



A portion of this street is outside City 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

General Corporate – CIP – Unfunded Projects

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 FY19/20, design engineering and acquisition of easement and/or rights of way in FY20/21 (est. \$100,000), obtaining applicable IEPA and Army Corp permits documenting wetland impact in FY21/22 (est. \$50,000) and FY22/23 (est. \$50,000), and realized construction (est. \$575,000) in FY23/24.

E. Judd Sidewalk Improvements

Requested Amount	\$ 28,000	Grade	C
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Project Description

There is no sidewalk continuity on either side of E. Judd Street from a point just west of its intersection with Nebraska. The owner of a firm located on the south side of E. Judd at IL. Rt. 47 has requested that sidewalk be installed along the E. Judd Street frontage of the business. The right-of-way line in this location is very close to the building line. As a result, a retaining wall would have to be constructed in order to facilitate sidewalk construction.



If the City were to move forward with this request, it would be recommended that a crosswalk be constructed at the signaled intersection of IL Rt. 47 and Irving Avenue. Estimates to construct a crosswalk across IL Rt. 47 in this location totals \$195,536. In addition, the design for the future Route 47 improvements includes a roundabout at the intersection of IL Rt. 47 & Judd Street/ Irving Avenue. The City’s investment in the sidewalk on E. Judd and a crosswalk on IL Rt. 47 would be removed and replaced when the roundabout is constructed. Improvements will stretch a distance onto each leg of the intersection.

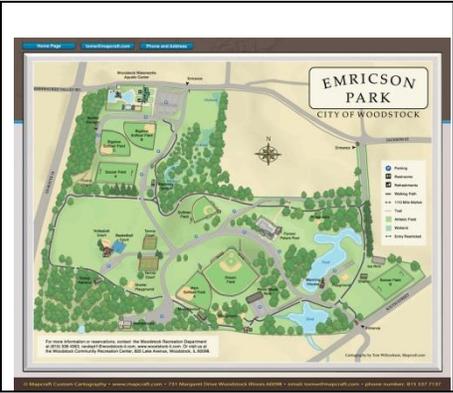
Emricson Park Land Expansion

Requested Amount	\$ 135,000	Grade	C
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Project Description

In order to grow with the community and to continue to expand this important regional park, the City needs to plan for the acquisition of adjoining vacant land within the near future. Without additional land, Emricson Park will be land locked and could potentially become over-developed and over-used.

The City has been very successful in completing several recreation improvements in Emricson Park over the past decade. This has included renovations to baseball fields, maintaining soccer fields, basketball courts, recreation paths, open play fields for soccer and football, and aquatic center. However, with this successful capital improvement program, Emricson Park has been developed to its capacity. The lack of additional land at Emricson Park for new recreational facilities could require residents to travel to other remote sites in the future for park activities. The current ability to enjoy centralized and multiple activities at one park is one of the attractions of Emricson Park.



The City could consider the sale of bonds to fund the purchase of additional park land with the cost of the bonds to be paid by future park users through the collection of Capital Expansion Fees. Funds are requested for FY19/20 to pay costs to acquire property bordering Emricson Park. Funds will be needed to obtain property appraisal reports, and to research and prepare funding options for available parcels of land.

Emricson Park Pond Dredging

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



General Corporate – CIP – Unfunded Projects

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 to serve park patrons throughout the summer months.

Bates Park Maintenance Shop

Requested Amount	\$ 80,000	Grade	C
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Project Description

At Bates Park is a building that houses equipment and supplies that belong to the user groups. As a result, the City is left with a small area to house its own maintenance equipment, materials, and supplies. The City would benefit from a new, larger, more modern park storage facility at Bates Park. If funded, Parks Division employees would like to have someone evaluate the use and condition of the existing facility in order



to come up with a site and building plan based upon the remodeling of the existing building or the construction of a new one. It is preferred that modern washroom facilities for park patrons be incorporated into this new construction.

Parks Equipment – Specialty Mower Wet Areas

Requested Amount	\$ 18,000	Grade	C
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Project Description

One of the many responsibilities of the Parks & Facilities Division is to care for and maintain areas with wet soils. Each of the following park sites have mowed areas that are often wet or have standing water: Kimball Avenue; Raintree Park; Emricson Park; Silver Creek Conservation Area and Westwood Park. Traditional zero-turn mowers lack the traction and floatation to travel over the surface, and tractors with the ability to navigate the wet terrain are often too heavy and sink.



The Fleet Division and Parks Division demonstrated a tracked zero-turn from the Altoz Manufacturing Company of Minnesota. The Parks Superintendent chose the day after a significant rain to test the unit at Kimball Avenue Park. At the time of demonstration, areas within the Kimball Avenue property had four inches of standing water and the unit performed without issue. Normal machines would have become stuck or sunk in the same terrain. This mower would make short work of any marshy or wet areas requiring maintenance.

An additional benefit of the mower is that it is a rough-cut design with blades capable of clearing vegetation or brush up to an inch in diameter. This gives the unit the ability to take back overgrown areas.

Recreation Path Maintenance & Construction

Requested Amount	\$ 300,000	Grade	C
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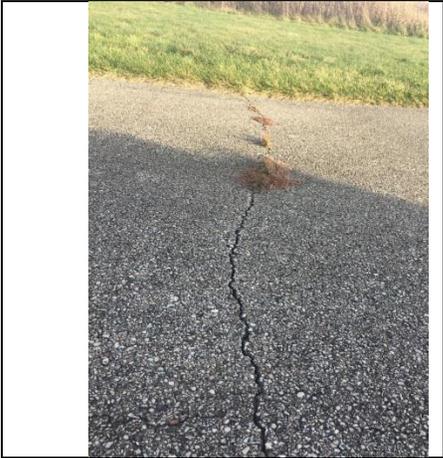
Project Description

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.

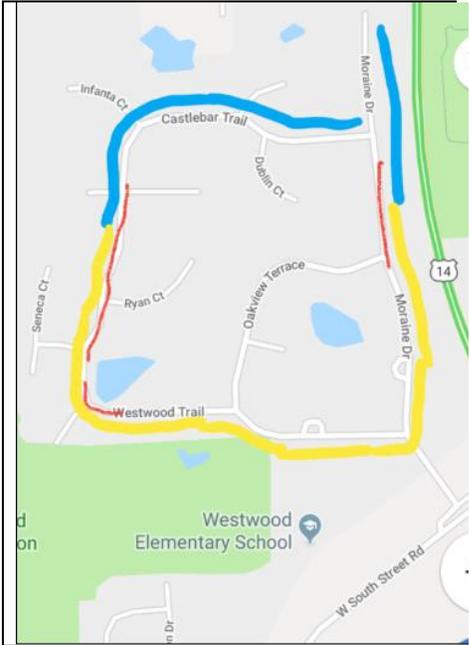


Westwood Lakes Estates – New Sidewalk

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

In 2018, a resident of the Westwood Lakes Estates 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 the 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 re-grading, 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 of the subdivision profile to an urban one (curb & gutter, storm sewer, etc.) bringing the price total price tag to more than \$1 million dollars.



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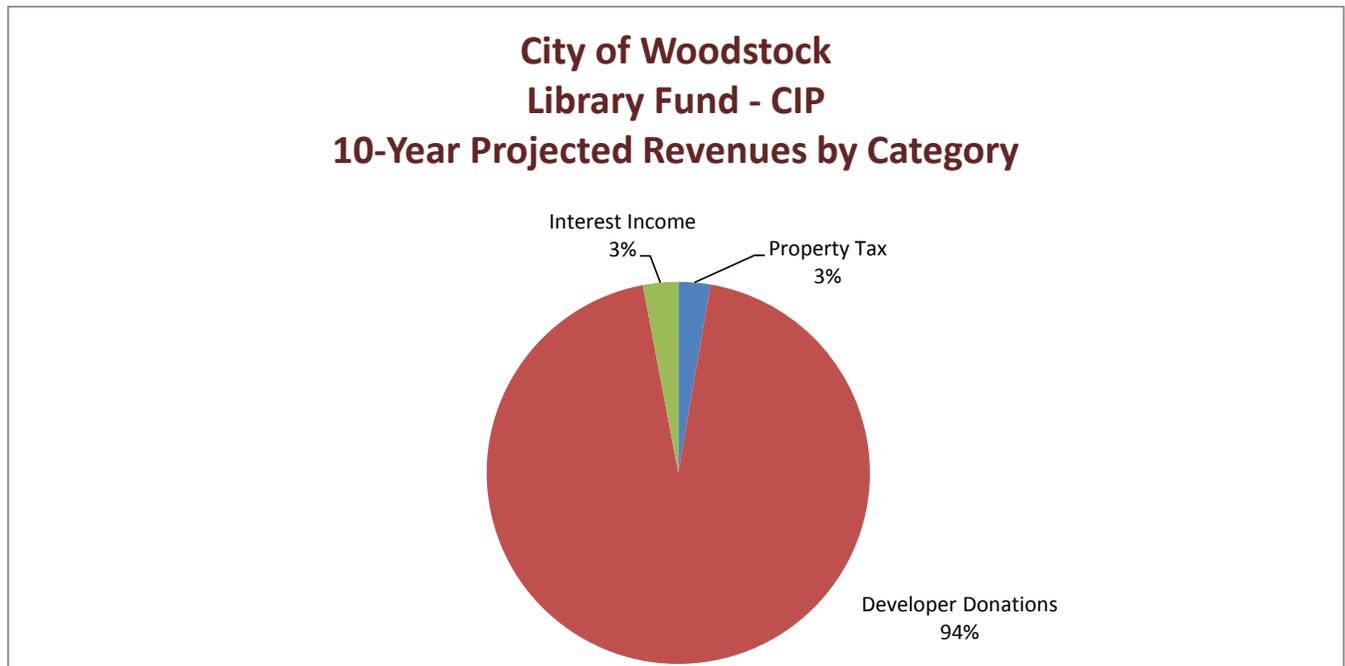
CIP Document FY19/20-FY28/29

Library Fund CIP-Overview

OVERVIEW

The Library is estimating the collection of almost \$1.9 million in revenues, which will be allocated over the next ten-year period to address the Library’s various capital needs. Of this amount, \$1.5 million is forecasted to be generated from money that had previously been used to pay the debt originally issued to enhance and expand the Library.

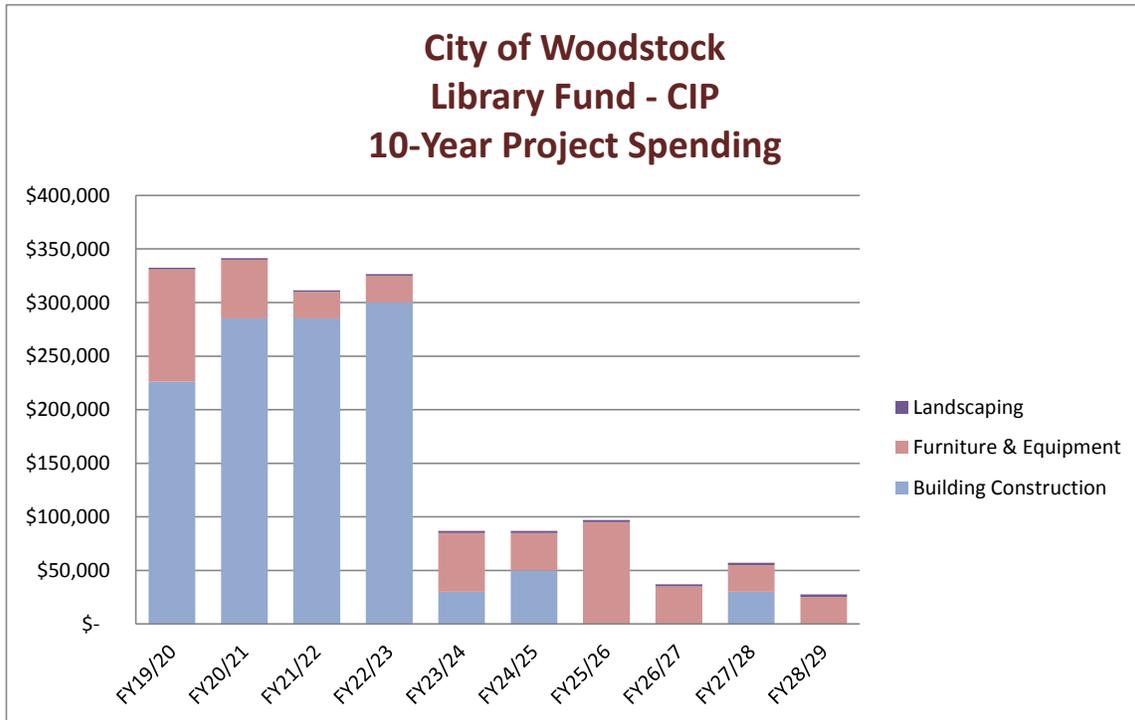
As illustrated in the graph below, Developer Donations are projected to be by far the largest source of income over the next ten years.



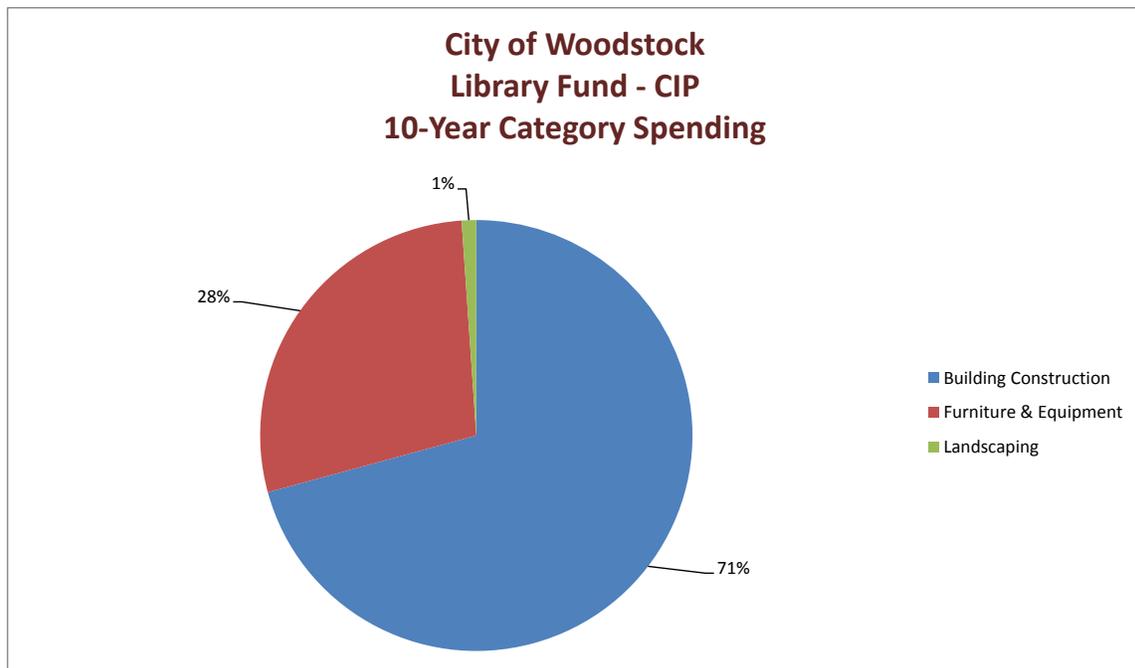
All Library CIP projects are accounted for separately, identical to the other funds of the City (i.e., General, Utility, and TIF). Funding for the Library Building Fund is derived from an annual Building Fund Levy that is approved by the Library Board and City Council and subject to statutory “backdoor” referendum provisions. However, the 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 FY19/20 – FY28/29 Library Fund CIP, as presented, identifies \$1,704,500 in spending for projects to be funded over the next 10 years. They are broken out by year as follows:

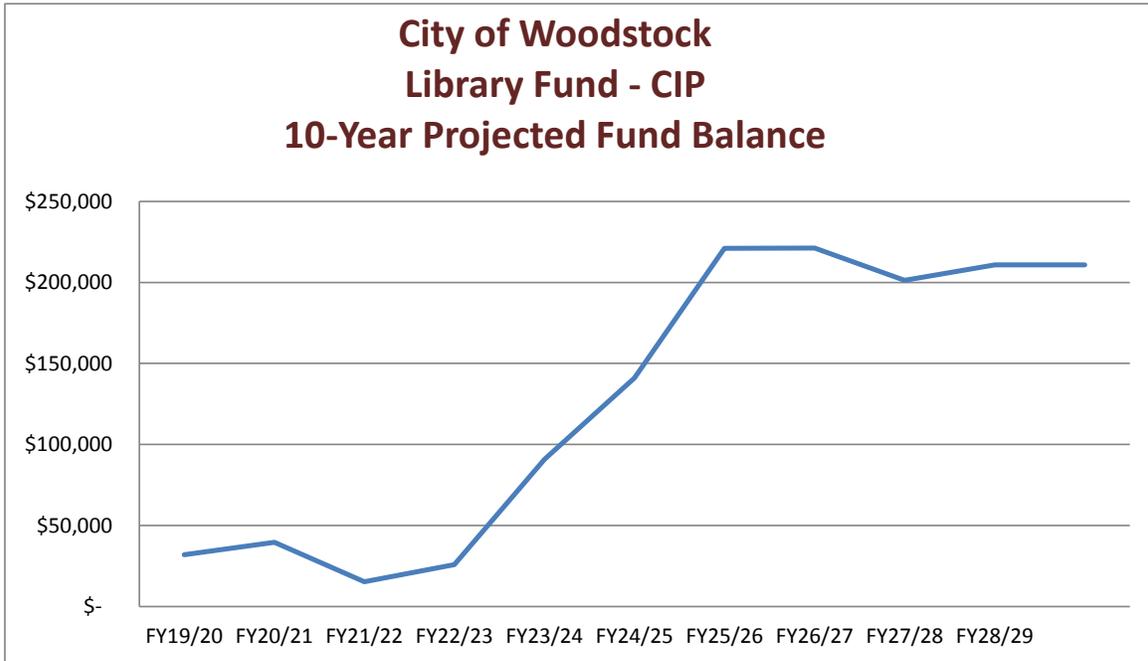


The following chart illustrates the proposed projects for the ten-year planning period by category. As can easily be identified, Building Construction represents the largest category of proposed spending for the Library - CIP Fund.



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. Fund balance is expected to decline until FY22/23 when it will increase significantly until FY26/27 at which point it will level off at around \$200,000.



Library Fund CIP-Revenues/Expenses Table

Library - CIP Fund	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals	
Beginning Fund Balance	\$ 118,100	\$ 118,100	\$ 22,500	\$ 32,000	\$ 39,600	\$ 15,200	\$ 25,800	\$ 90,900	\$ 141,000	\$ 221,100	\$ 221,200	\$ 201,300	\$ 22,500	
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	\$ 40,000	\$ 40,000	\$ 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	\$ 40,000	\$ 40,000	\$ 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	\$ 1,900	\$ 1,400	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 11,000
TOTAL OTHER	\$ 1,900	\$ 1,400	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 11,000
TRANSFERS (TO)/FROM OTHER FUNDS														
Transfer from Library Fund	\$ 20,000	\$ 20,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
Transfer from General Fund	-	-	312,000	312,000	250,000	300,000	115,000	100,000	140,000	-	-	-	-	1,529,000
Transfer to Library Debt Service	(43,400)	(42,600)	(47,100)	-	-	-	-	-	-	-	-	-	-	(47,100)
TOTAL TRANSFERS (TO)/FROM OTHER FUNDS	\$ (23,400)	\$ (22,600)	\$ 304,900	\$ 312,000	\$ 250,000	\$ 300,000	\$ 115,000	\$ 100,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 1,521,900
TOTAL REVENUES	\$ 19,500	\$ 19,800	\$ 342,000	\$ 349,100	\$ 287,100	\$ 337,100	\$ 152,100	\$ 137,100	\$ 177,100	\$ 37,100	\$ 37,100	\$ 37,100	\$ 1,892,900	
EXPENSES														
CAPITAL OUTLAY														
Building Construction	\$ 29,500	\$ 82,000	\$ 226,000	\$ 285,000	\$ 285,000	\$ 300,000	\$ 30,000	\$ 50,000	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ 1,206,000
Furniture & Equipment	20,000	33,400	105,000	55,000	25,000	25,000	55,000	35,000	95,000	35,000	25,000	25,000	480,000	
Landscaping	-	-	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,000	2,500	18,500	
TOTAL CAPITAL OUTLAY	\$ 49,500	\$ 115,400	\$ 332,500	\$ 341,500	\$ 311,500	\$ 326,500	\$ 87,000	\$ 87,000	\$ 97,000	\$ 37,000	\$ 57,000	\$ 27,500	\$ 1,704,500	
TOTAL LIBRARY BUILDING FUND EXPENSES	\$ 49,500	\$ 115,400	\$ 332,500	\$ 341,500	\$ 311,500	\$ 326,500	\$ 87,000	\$ 87,000	\$ 97,000	\$ 37,000	\$ 57,000	\$ 27,500	\$ 1,704,500	
NET INCREASE (DECREASE)	\$ (30,000)	\$ (95,600)	\$ 9,500	\$ 7,600	\$ (24,400)	\$ 10,600	\$ 65,100	\$ 50,100	\$ 80,100	\$ 100	\$ (19,900)	\$ 9,600	\$ 188,400	
Ending Fund Balance	\$ 88,100	\$ 22,500	\$ 32,000	\$ 39,600	\$ 15,200	\$ 25,800	\$ 90,900	\$ 141,000	\$ 221,100	\$ 221,200	\$ 201,300	\$ 210,900	\$ 210,900	

Property Tax-Library

FY18/19 Budget		\$ 1,000	
FY18/19 Projected		\$ 1,000	
<hr/>			
FY19/20	\$ 1,000	FY24/25	\$ 1,000
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

Revenue Description

Property taxes can be levied specifically to be used for Library building purposes. For tax year 2017, these funds will be collected and reported in FY18/19, it was decided to reallocate a large portion of the Library Building Levy to the Library Fund. By reallocating these funds, this gives the Library more flexibility in the use of these funds. The Library Fund Levy amounts can be used for any Library purpose, including Library Fund expenses, where as Library Building Levy items 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

FY18/19 Budget		\$ 40,000	
FY18/19 Projected		\$ 40,000	
<hr/>			
FY19/20	\$ 35,000	FY24/25	\$ 35,000
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

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

FY18/19 Budget		\$ 1,900	
FY18/19 Projected		\$ 1,400	
<hr/>			
FY19/20	\$ 1,100	FY 24/25	\$ 1,100
FY20/21	\$ 1,100	FY 25/26	\$ 1,100
FY21/22	\$ 1,100	FY 26/27	\$ 1,100
FY22/23	\$ 1,100	FY 27/28	\$ 1,100
FY23/24	\$ 1,100	FY 28/29	\$ 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

FY18/19 Budget		\$ 20,000	
FY18/19 Projected		\$ 20,000	
<hr/>			
FY19/20	\$ 40,000	FY24/25	\$ 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

Revenue Description

In FY18/19, \$20,000 will be transferred from the Library's operating budget to the 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 FY19/20, the Library will use \$40,000 of this money for the development of its A/V Lab and Studio space.

Transfer from General Fund

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 312,100	FY24/25	\$ 100,000
FY20/21	\$ 312,100	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

Revenue Description

In FY19/20, the City is retiring \$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

FY18/19 Budget		\$ 43,400	
FY18/19 Projected		\$ 42,600	
<hr/>			
FY19/20	\$ 47,100	FY24/25	\$ 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

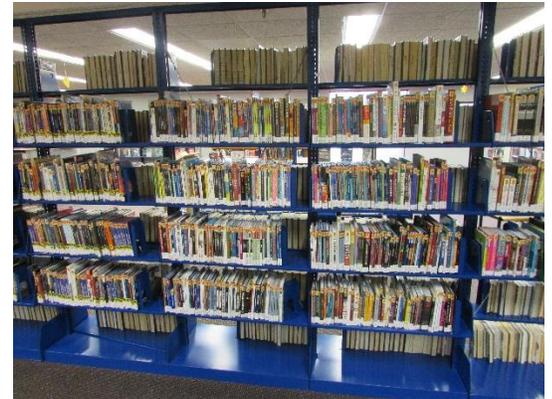
Transfer Description

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 debt is scheduled to be retired in FY20/21.

Payment Date	Principal	Interest	Total	Annual Debt Payment
6/1/2018		\$1,415	\$1,415	
12/1/2018	\$40,000	\$1,415	\$41,415	\$42,830
6/1/2019		\$765	\$765	
12/1/2019	\$40,000	\$765	\$40,765	\$41,530

Building Construction

FY18/19 Budget		\$ 29,500	
FY18/19 Projected		\$ 82,000	
FY19/20	\$ 226,000	FY24/25	\$ 50,000
FY20/21	\$ 285,000	FY25/26	\$ 0
FY21/22	\$ 285,000	FY26/27	\$ 0
FY22/23	\$ 300,000	FY27/28	\$ 30,000
FY23/24	\$ 30,000	FY28/29	\$ 0



FY18/19 Status Update

Heat Exchangers: During the 2017 fall inspection of the Library’s rooftop HVAC units, Geostar Mechanical found small holes in the heat exchangers in two of the four units. Geostar Mechanical repaired the units, but due to weather and other factors, the work was not completed until early 2018/19.

HVAC and Roof Repairs: Three of the four HVAC units required significant repairs in FY18/19, above and beyond the heat exchanger replacements, and one required two different repairs. Additionally, the roof developed several significant leaks that needed immediate attention.

FY19/20 Project Information

Shelving: 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.

Painting/Staining: The Library has included painting/staining in the City’s CIP for a number of years. Some piecemeal painting has been done over the last four years, but a full building painting is needed.

In addition, many areas need repairing as well as repainting.



Lighting Upgrades: Portions of the facility have been upgraded to LED lighting, but the majority of the building is utilizing T8 fluorescents and relies heavily on uplighting. This has resulted in the amount of illumination in the Library declining over time. Ideally, the old fixtures would be replaced with new, efficient LED lighting, but at a minimum there is a need to upgrade the Library’s pendant fixtures and replace a significant portion of the fluorescent lamps. This project will

be phased in over three years.



Library Fund CIP – Funded Projects

HVAC Unit Replacements: The Library has four large McQuay air handlers on its roof. These were installed in 2001 as part of the most recent expansion. The life expectancy of these units is 20 years, so FY20/21 will be the projected end of life date for all four units. The Library will replace one of these units in FY19/20, one in FY20/21 and two in FY21/22. Each unit is approximately \$125,000 including labor and installation.



Staff Workroom Remodel: The main staff work area was designed in 2001. With the changes in technology and associated work flows, there is a need to redesign and upgrade this space. It is currently overcrowded in many areas, yet has underutilized space in other areas.

Sound Dampening: 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. With luck, the Library may be able to address the temperature swings in the area at the same time.

Exit Improvements: 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.

FY20/21 Project Information

HVAC Units Replacement: This represents the second year of the three years proposed to complete this project. The Library would replace one of these units in this fiscal year. Each unit is approximately \$125,000 including labor and installation.



Lighting Upgrades: This would also be the second year of a proposed three-year phasing process for lighting upgrades within the Library.



Basement Air Handler: 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 FY20/21, and while it is inside, providing a longer lifespan, it is also in need of replacement.

Rotunda Ceiling/Replacement: 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.



Library Fund CIP – Funded Projects

FY21/22 Project Information

Carpeting Repair/Replacement: 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.



HVAC Units Replacement: This represents the final year of the three years proposed to complete this project. The Library would replace the remaining two units in this fiscal year.

Lighting Upgrades: This would also be the final year of a proposed three-year phasing process for lighting upgrades within the Library.

FY22/23 Project Information



Flat Roof Membrane Replacement: The majority of the Library's roof is a flat surface with a membrane installed. These have a 25-year life expectancy. Our membrane will only be 23 years old in FY22/23; 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. Wear and tear on the current membrane was exacerbated by the frequent HVAC unit repairs over the last three years.

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: 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.

FY27/28 Project Information

Painting/Staining: In FY27/28, it will have been eight years since the last painting and staining of the building. Staining of the cedar portions of the building is recommended every 6-8 years.

Furniture and Equipment

FY18/19 Budget		\$ 20,000	
FY18/19 Projected		\$ 33,400	
FY19/20	\$ 105,000	FY24/25	\$ 35,000
FY20/21	\$ 55,000	FY25/26	\$ 95,000
FY21/22	\$ 25,000	FY26/27	\$ 35,000
FY22/23	\$ 25,000	FY27/28	\$ 25,000
FY23/24	\$ 55,000	FY28/29	\$ 25,000



FY18/19 Status Update

Computer Replacement: The Library utilizes a five-year replacement cycle for the facility’s 98 computers, amounting to approximately twenty computers each year.

New Projector: The new projector for the meeting room was moved forward to FY18/19 from FY19/20. The need for a new, HDMI-enabled projector was proving to be much greater than originally anticipated.

Signage: With the reorganizing of the Fiction collection, it became necessary to move the end-of-row signage replacement up into FY18/19.

FY19/20 Project Information

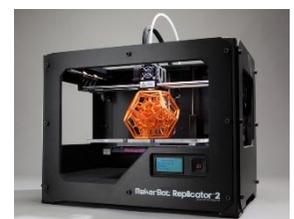


New Tables: The tables in the Library’s meeting room are circa 2001 and they are not only getting rather worn, some have already broken beyond repair. They are also extremely heavy and difficult to move. Newer, lighter, more adaptable tables will be beneficial to both the Library’s patrons and its staff.

New/Reupholstered Chairs: 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.



3D Printer/Audio-visual Lab and Studio: 3D printers continue to be in high demand and their capabilities continue to expand. Most libraries our size have a 3D printer as well as additional creative software and hardware, and the Library has recently seen an uptick in demand for these services. 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.



Computer Replacement: 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

FY20/21 Project Information

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

Network Updates: There will be a need to replace the Library's wi-fi hotspots, firewall and likely a few other items supporting the Library's IT network by FY20/21.

Laptop Replacements: The Library's technology lab utilizes 14 laptops. These laptops were replaced in FY16/17, so replacing them in FY20/21 will keep them up-to-date on the newest software.

Signage: Update and replace as necessary the various directional and informational signs within the Library. Spanish translations will be included with all new signs.



FY21/22 Project Information

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

New Chairs: 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.

FY22/23 Project Information

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

FY23/24 Project Information

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

Network Upgrades: Attempting to forecast technology changes six 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.



FY25/26 Project Information

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

Laptop Replacements: 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: In seven years there will likely be several significant changes or new developments in technology which the Library will need to adopt or adapt to and which require either new IT infrastructure or new IT devices and hardware—likely both.

Library Fund CIP – Funded Projects

FY26/27 Project Information

Computer Replacement: The Library utilizes a five-year replacement cycle for the facility’s 98 computers, amounting to approximately twenty computers each year.

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

FY27/28 Project Information

Computer Replacement: 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: The Library utilizes a five-year replacement cycle for the facility’s 98 computers, amounting to approximately twenty computers each year.

Library Landscaping

FY18/19 Budget		\$1,000	
FY18/19 Projected		\$0	
FY19/20	\$ 1,500	FY24/25	\$2,000
FY20/21	\$ 1,500	FY25/26	\$2,000
FY21/22	\$ 1,500	FY26/27	\$ 2,000
FY22/23	\$ 1,500	FY27/28	\$ 2,000
FY23/24	\$ 2,000	FY28/29	\$ 2,500



FY18/19 Status Update

No plantings or significant maintenance were completed this year.

FY19/20 – FY21/22 Project Information

New plantings and maintenance of existing landscaping.

FY22/23 Project Information

Replacement of shrubbery in front of Rotunda area, plus maintenance of existing landscaping.

FY23/24 Project Information

Replacement of large evergreen tree on south exposure, plus maintenance of existing landscaping.

Library Fund CIP – Funded Projects

FY24/25 Project Information

Replacement of decorative pear trees around patron parking lot, plus maintenance of existing landscaping.

FY25/26 – FY28/29 Project Information

Replacement of other shrubs, grasses and trees as necessary, plus maintenance of existing landscaping.



Tax Increment Financing (TIF)

**CIP Document
FY19/20-FY28/29**

TIF Fund CIP-Overview

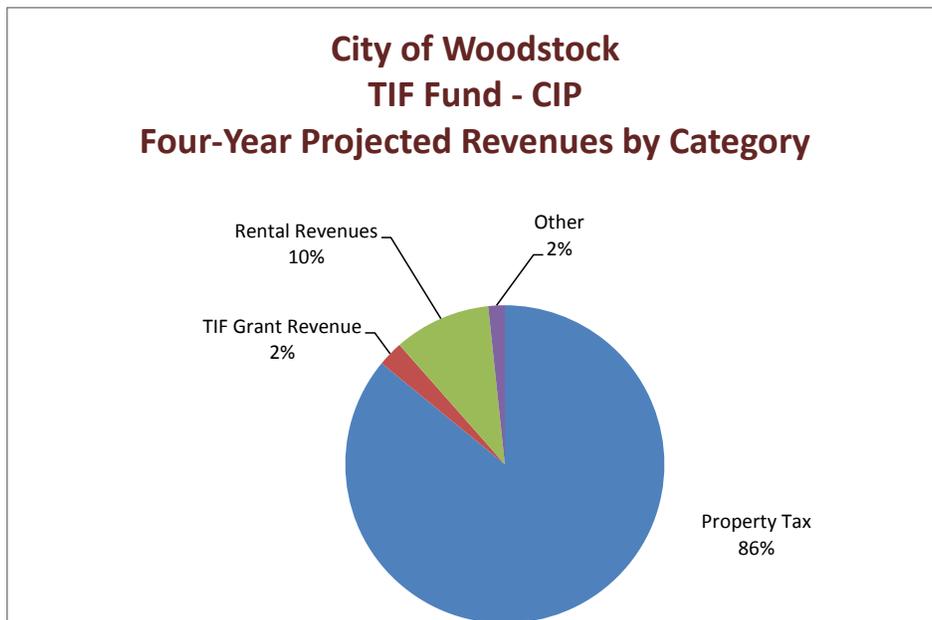
OVERVIEW

By action of the City Council, the City of Woodstock Downtown Tax Increment Financing (TIF) District was established in April of 1997. Tax increment financing is an economic development tool that was provided by State lawmakers more than 20 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. Therefore, it is anticipated that the current TIF funding will end in FY21/22.

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?

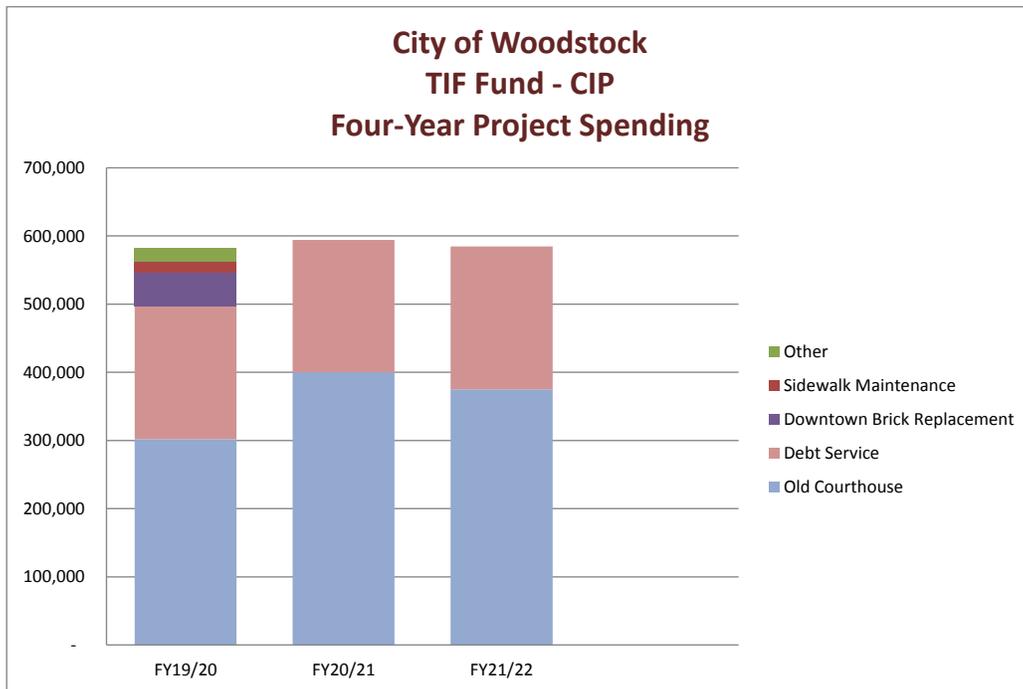
The Tax Increment Financing Fund is estimating the collection of over \$1.9 million in revenues, which will be allocated over the three-year period, which represents the remaining life of the City's existing TIF District. Of this amount, \$1.6 million is forecasted to be generated from the TIF property taxes collected over this period.

As illustrated in the graph below, the TIF property taxes will represent 86% of the total TIF Fund – CIP Revenues for the four-year planning period. In addition, the TIF is anticipated to receive \$50,000 in grants and \$191,200 in rental revenue.

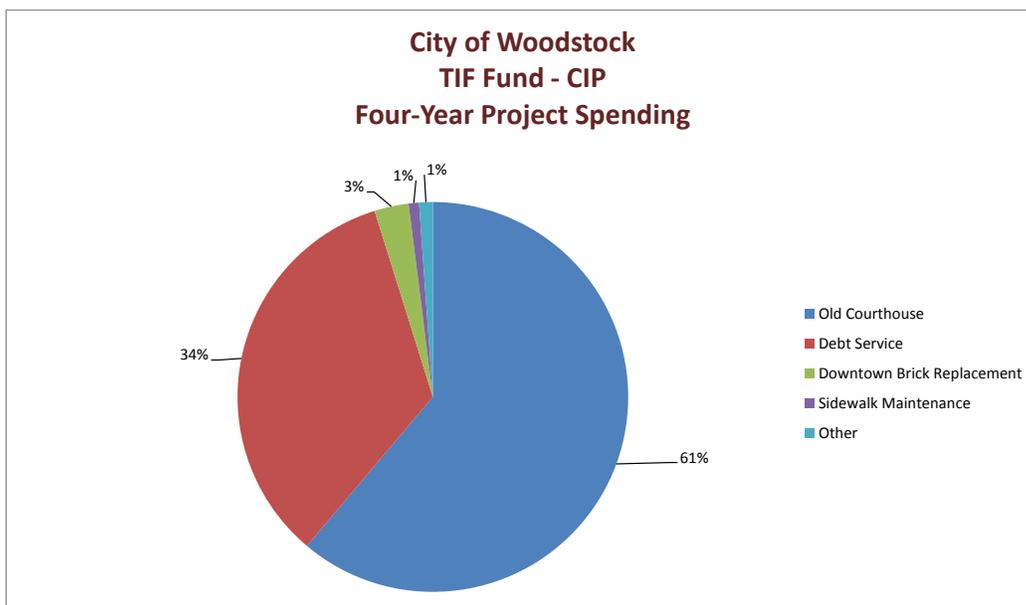


TIF Fund CIP-Overview

The proposed FY19/20 – FY21/22 TIF Fund CIP, as presented, identifies \$1,794,600 in spending for projects to be funded over the remaining life of the TIF (i.e., three years). They are broken out by year as follows:

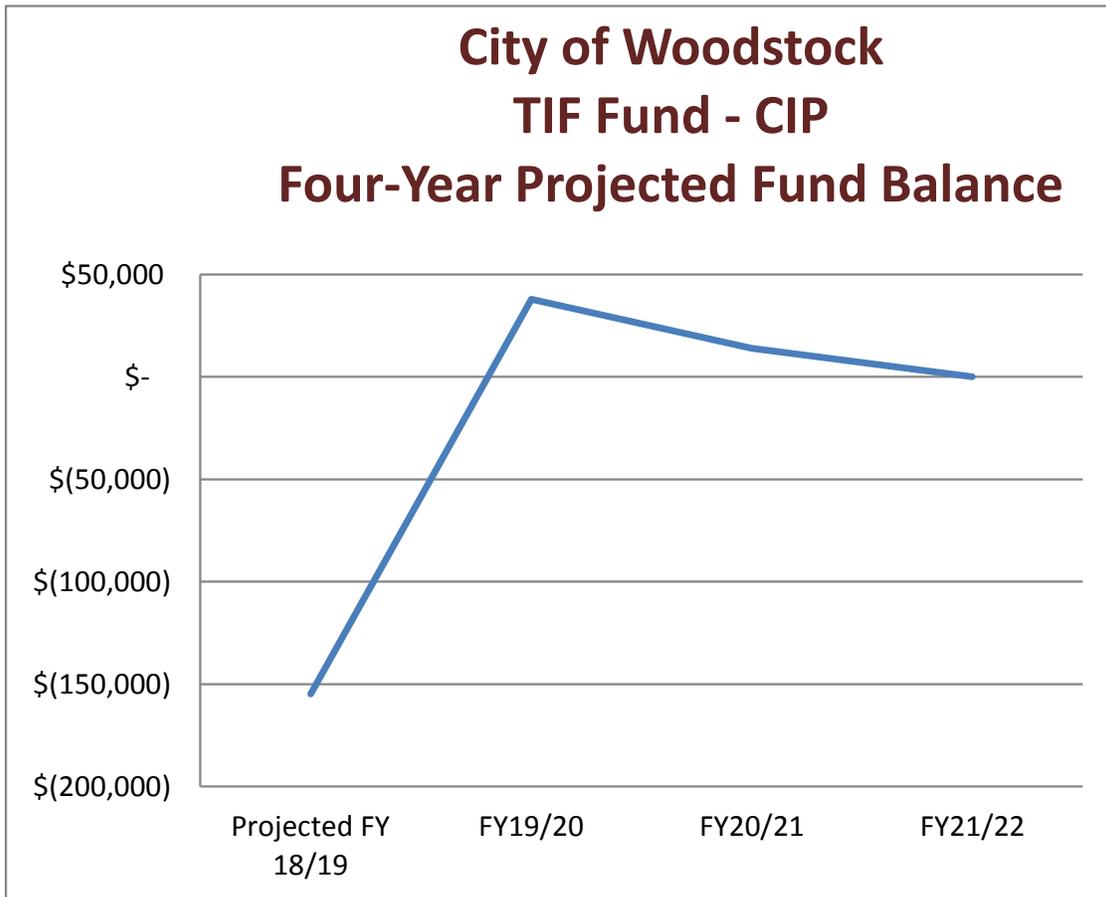


The following chart illustrates the proposed projects for the three-year planning period. The Old Courthouse renovation costs represent the largest category of proposed spending for the TIF - CIP Fund.



TIF Fund CIP-Overview

As outlined below, with the current TIF expiring at the end of four years, any remaining fund balance reported within the TIF will need to be redistributed to the taxing entities. In many cases, spending within a TIF is managed to utilize all available funds for the benefit of the TIF District, prior to its expiration. Therefore, the negative fund balance currently reported within the TIF will need to be addressed prior to the expiration of the TIF district; otherwise, the City's General Fund will be required to eliminate any remaining deficit.



TIF Fund CIP-Revenues/Expenses

TIF - CIP Fund	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Beginning Fund Balance	\$ (211,100)	\$ (211,100)	\$ (154,900)	\$ 38,000	\$ 14,000								\$ (154,900)
REVENUES													
TAXES													
Property Tax	\$ 627,400	\$ 644,500	\$ 675,000	\$ 500,000	\$ 500,000								\$ 1,675,000
TOTAL TAXES	\$ 627,400	\$ 644,500	\$ 675,000	\$ 500,000	\$ 500,000								\$ 1,675,000
OTHER													
TIF Grant Revenue	\$ 110,000	100,000	\$ 50,000	\$ -	\$ -								\$ 50,000
Interest Income	900	500	300	300	300								900
Rental Revenues	21,400	21,400	49,900	70,400	70,900								191,200
Courthouse Donations	10,800	9,300	10,800	10,800	10,800								32,400
TOTAL OTHER	\$ 143,100	\$ 131,200	\$ 111,000	\$ 81,500	\$ 82,000								\$ 274,500
TOTAL REVENUES	\$ 770,500	\$ 775,700	\$ 786,000	\$ 581,500	\$ 582,000								\$ 1,949,500
EXPENSES													
CONTRACTUAL SERVICES													
Legal Services	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500								\$ 1,500
Property Taxes	10,100	9,800	10,400	10,700	11,000								32,100
TOTAL CONTRACTUAL SERVICES	\$ 10,600	\$ 10,300	\$ 10,900	\$ 11,200	\$ 11,500								\$ 33,600
CAPITAL OUTLAY													
Streetscape Improvements	\$ 5,000	\$ 2,400	\$ -	\$ -	\$ -								\$ -
Façade Improvement Program	10,000	15,000	10,000	-	-								10,000
Downtown Brick Replacement	30,000	30,000	50,000	-	-								50,000
Pedestrian Amenities	10,000	3,000	10,000	-	-								10,000
Sidewalk Maintenance & Replacement	15,000	14,000	15,000	-	-								15,000
Old Courthouse	404,000	449,000	302,000	400,000	375,000								1,077,000
TOTAL CAPITAL OUTLAY	\$ 474,000	\$ 513,400	\$ 387,000	\$ 400,000	\$ 375,000								\$ 1,162,000
Debt													
Bond Paying Fees	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600								\$ 1,800
Bond Series 2010C	160,600	160,600	161,000	156,100	160,800								477,900
Bond Series 2010E	34,600	34,600	33,600	37,600	48,100								119,300
TOTAL DEBT	\$ 195,800	\$ 195,800	\$ 195,200	\$ 194,300	\$ 209,500								\$ 599,000
TOTAL TIF EXPENSES	\$ 680,400	\$ 719,500	\$ 593,100	\$ 605,500	\$ 596,000								\$ 1,794,600
NET INCREASE (DECREASE)	\$ 90,100	\$ 56,200	\$ 192,900	\$ (24,000)	\$ (14,000)								\$ 154,900
Ending Fund Balance	\$ (121,000)	\$ (154,900)	\$ 38,000	\$ 14,000	\$ -								\$ -

Property Tax

FY18/19 Budget		\$ 627,400	
FY18/19 Projected		\$ 644,500	
FY19/20	\$ 675,000	FY24/25	\$ 0
FY20/21	\$ 500,000	FY25/26	\$ 0
FY21/22	\$ 500,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0

Revenue Description

TIF incremental property tax is the difference between the “base” and the current equalized assessed value (EAV). The “base” is defined as the EAV value of all the property in the TIF district when it was established. This revenue can only be used within the TIF district.

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. Therefore it is anticipated that the TIF incremental property tax will stop in FY21/22.

Other Revenue

FY18/19 Budget		\$ 143,100	
FY18/19 Projected		\$ 131,200	
FY19/20	\$ 111,000	FY24/25	\$ 0
FY20/21	\$ 81,500	FY25/26	\$ 0
FY21/22	\$ 82,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0

TIF Fund CIP – Revenues

Revenue Description

Other Revenue identified above includes the following four (4) items:

Grant Revenue-TIF

FY18/19:

\$100,000. The City has received a grant from the CDBG Program administered by McHenry County for funds to assist with the masonry repairs on the Old Courthouse and Sheriff's House.

FY19/20:

\$50,000. The City will be receiving a grant from the CDBG Program administered by McHenry County for funds to assist with the masonry repairs on the Old Courthouse and Sheriff's House.

Interest

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

Rental Revenues

Rent is received for the renting of the Old Courthouse and Sheriff's House. Currently only the basement of the Old Courthouse is being rented out.

Courthouse Donations

Revenue includes contributions made by Old Courthouse users, donors, or the public to the 501(c)3 charitable fund for the purpose of maintaining, preserving and/or restoring the facility.

TIF - Streetscape Improvements

FY18/19 Budget		\$ 5,000	
FY18/19 Projected		\$ 2,400	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

Funds in FY18/19 were used to cover the labor to repair the stone veneer at the corners of the wall surrounding the Park in the square.

Façade Improvement

FY18/19 Budget		\$ 10,000	
FY18/19 Projected		\$ 15,000	
FY19/20	\$ 10,000	FY24/25	\$ 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



FY18/19 Status Update

110 S. Johnson Street. Replacement of two storefront windows with new clear glass insulated units.

136 Cass Street. Replacement of storefront glass, restoration of bulkhead below window and repair and replacement of existing wood trim and repainting.

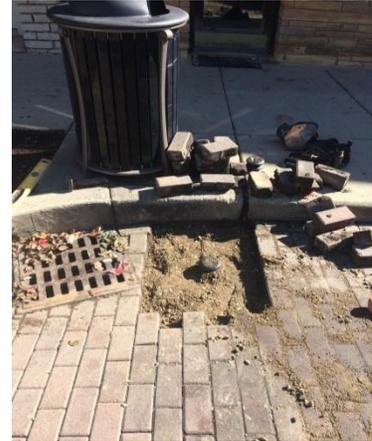
105 E. Judd Street. Reinstallation of two new windows in openings previously covered by brick.

FY19/20 Project Information

Funding to support potential future façade improvement projects.

Downtown Brick Replacement

FY18/19 Budget		\$ 30,000	
FY18/19 Projected		\$ 30,000	
<hr/>			
FY19/20	\$ 50,000	FY24/25	\$ 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



FY18/19 Status Update

Downtown brick replacement is one of those projects that need to be administered annually to protect the drivability, walkability, and visual appearance of the Woodstock Square. This contract is for the provision of labor and base material. The City controls the quality of the brick by purchasing it themselves. The contract in 2018 was awarded to Americana Landscape Group, Elgin, IL for an amount not-to-exceed 30,000. Work will be completed by the end of November 2018.

FY19/20 Project Information

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 in 2019, an additional \$20,000 is requested for use in purchasing clay-fired brick for future replacement programs.

FY20/21 Project Information

Because the current TIF ends in 2020, this project has been moved to the general fund CIP.

TIF – Pedestrian Amenities

FY18/19 Budget		\$ 10,000	
FY18/19 Projected		\$ 3,000	
FY19/20	\$ 10,000	FY24/25	\$ 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



FY18/19 Status Update

Funds in FY18/19 were used to purchase bicycle racks for the downtown.

FY19/20 Project Information

Funds through this line item are requested to pay for the purchase of additional or replacement trash cans, planter boxes, cigarette butt receptacles, park benches, sign posts and/ or bicycle racks on an as needed basis for use in the downtown area.

FY20/21 Project Information

Because the current TIF ends in 2020, funding for this line item will come from the General Fund CIP.

Sidewalk Maintenance Program (TIF)

FY18/19 Budget		\$ 15,000	
FY18/19 Projected		\$ 14,000	
FY19/20	\$ 15,000	FY24/25	\$ 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



TIF Fund CIP – Funded Projects

FY18/19 Status Update

In order to improve the aesthetics and quality of the TIF district, funds in this line item cover curb and sidewalk improvements in the defined downtown district. During May of this year, contractors removed and replaced 812 ft² of sidewalk adjacent to the Metra on Clay parking lot, across the street from the Red Iron Tavern. During July, contractors removed and replaced failing trench drains in front of 118 Cass Street and on the Cass Street-side of the Sheriffs’ building. Additional work at this time included the removal and replacement of 23 ft² of sidewalk and concrete repair at 202 South St. Further work this fiscal year includes the removal and replacement of sidewalk on Cass St, the repair of cracked sidewalk and steps on the corner of Tryon Street and Calhoun Street, and the repair of unsightly broken/damaged curb and stairs on East Judd.

Staff contacted only those contractors trusted to work in the downtown and coordinate work in conjunction with the needs of business owners as well as showing cognizance of Special Events (e.g. Farmer’s Market).

In FY 18/19, this program entailed the removal and replacement of 888.75 square feet of sidewalk, and the repair of existing curb at numerous locations.

Using TIF revenue as a funding mechanism, this improvement program began in FY 10/11 and ends in FY 19/20. Funding will originate from the General Corporate – CIP fund beginning in FY 20/21.

FY19/20 thru FY28/29

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 physical removal and replacement of damaged concrete or any combination thereof.

Old Courthouse

FY18/19 Budget		\$ 404,000	
FY18/19 Projected		\$ 449,000	
FY19/20	\$ 302,000	FY24/25	\$ 0
FY20/21	\$ 400,000	FY25/26	\$ 0
FY21/22	\$ 375,000	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 Status Update

Masonry Restoration. Masonry work completed includes the repointing of the north foundation wall of Sheriff’s House/Jail, the repair and repointing of the west wall of the Old Courthouse, the repair and repointing of the chimney and repairs of the front entrance limestone.

Ground Floor Windows and Door, Downspouts. Repairs were made to existing ground floor windows and they were repainted to match the color scheme of the building. A new exit door was installed in the opening on the south end of

TIF Fund CIP – Funded Projects

the restaurant. New copper downspouts were installed on the Old Courthouse. A new steel door was installed on the rear entrance to the Public House restaurant.

Front Entrance Rehab. Torn carpeting covering the front upper stairs was removed. Stair treads were repaired and/or replacement as needed. Surface treatment was installed to protect stairs and reduce likelihood of future damage. Repair and repainting of front entrance doors, walls and windows was completed.

Use Study. Gary Anderson Associates was contracted to perform a Use Study to evaluate the viability of certain uses and develop potential improvement costs to accommodate the identified uses.

Mechanical Upgrades. A new ventless water heater was installed for the Public House Restaurant to replace an existing unit that did not meet code requirements. Two (2) air conditioning units were replaced in the Courthouse for the Northwest Area Arts Council.

Co-Working Study. The remaining phases of the NIU Co-Working Study have been put on hold, as Phase 1 of the study determined that co-working was not a viable use at this time.

Courthouse Ceiling. This item was not completed and has been moved to FY 19/20.

Pest Control. This item was not completed and has been moved to FY 19/20.

FY19/20 Project Description

Masonry Restoration (\$275,000). Includes repointing of certain remaining areas of the Sheriff's House/Jail and Old Courthouse.

Locks and Keys (\$12,000). Includes installation of locking/key fob hardware for exterior doors and new locks for interior doors of both the Old Courthouse and Sheriff's House.

Courthouse Ceiling (\$10,000). A permanent solution is needed to address the stability issues of the second floor roof in the courtroom. The bracing was supposed to be a temporary measure but remains in place. Funds would be used to hire an architect or structural engineer to evaluate the roof and provide solutions to address stability issues. In FY 18/19, the City was not successful in obtaining a Cynthia Woods Miller grant to fund half of this project, but will re-apply in FY 19/20.

Pest Control (\$5,000). Pigeons and wasps continue to nest in the nooks and crannies of the building so an exterminating service is needed to perform this service.

FY20/21 Project Description

Masonry Restoration (\$395,000). Includes repointing certain remaining areas of the Sheriff's House/Jail and Old Courthouse.

New Stairway Railing (\$5,000). When the Courthouse stairs were replaced, the existing metal railing down the center of the stairs was re-used and repainted. Replacement of this railing is needed as rust has deteriorated the uprights and could start to affect the historic newel posts.

FY21/22 Project Description

Masonry Restoration (\$325,000). Includes repointing the remaining areas of the Sheriff's House/Jail and Old Courthouse, plus some interior work.

Sheriff's House Basement Entry Enclosures (\$50,000). Rebuild or redesign of both the front and rear entry enclosures of the Sheriff's House are needed. Project is necessary but could wait until use of building is determined.

Debt Payments

FY18/19 Budget		\$ 195,800	
FY18/19 Projected		\$ 195,800	
<hr/>			
FY19/20	\$ 195,200	FY24/25	\$ 0
FY20/21	\$ 194,300	FY25/26	\$ 0
FY21/22	\$ 209,500	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 Status Update

FY18/19 payments were completed as required per the payment schedule.

FY19/20 to FY22/23 Project Information

The City issued Alternate Revenue Bonds for the purpose of refinancing the outstanding debt for the purchase of the properties at 421 and 425 Clay Street and the purchase of the property at 409 Clay Street. In addition, funds were used to improve public infrastructure as part of the Die Cast (Woodstock Station) redevelopment project.

Bond Series 2010C				
Payment Date	Principal	Interest	Total	Annual Debt Payment
6/1/2018		\$ 10,274	\$ 10,274	
12/1/2018	\$ 140,000	\$ 10,274	\$ 150,274	\$ 160,548
6/1/2019		\$ 7,999	\$ 7,999	
12/1/2019	\$ 145,000	\$ 7,999	\$ 152,999	\$ 160,998
6/1/2020		\$ 5,534	\$ 5,534	
12/1/2020	\$ 145,000	\$ 5,534	\$ 150,534	\$ 156,068
6/1/2021		\$ 2,906	\$ 2,906	
12/1/2021	\$ 155,000	\$ 2,906	\$ 157,906	\$ 160,812

Bond Series 2010E				
Payment Date	Principal	Interest	Total	Annual Debt Payment
6/1/2018		\$ 2,288	\$ 2,288	
12/1/2018	\$ 30,000	\$ 2,288	\$ 32,288	\$ 34,576
6/1/2019		\$ 1,801	\$ 1,801	
12/1/2019	\$ 30,000	\$ 1,801	\$ 31,801	\$ 33,602
6/1/2020		\$ 1,291	\$ 1,291	
12/1/2020	\$ 35,000	\$ 1,291	\$ 36,291	\$ 37,582
6/1/2021		\$ 656	\$ 656	
12/1/2021	\$ 35,000	\$ 656	\$ 35,656	\$ 36,312



Water & Sewer Capital Improvement Program

**CIP Document
FY19/20-FY28/29**

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 the daily service 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 - CIP 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.

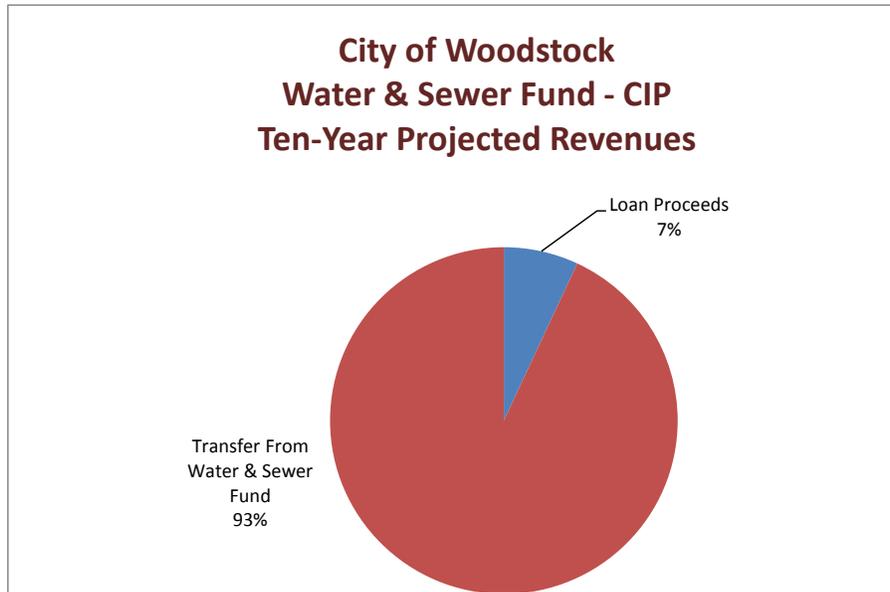
The City of Woodstock has been very successful in achieving both a balanced Capital Improvement Program and, at the same time, using sound management of the Utility Fund's Fund Balance. Woodstock has invested a substantial sum on an annual basis for the proper maintenance and improvement of the utility 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.

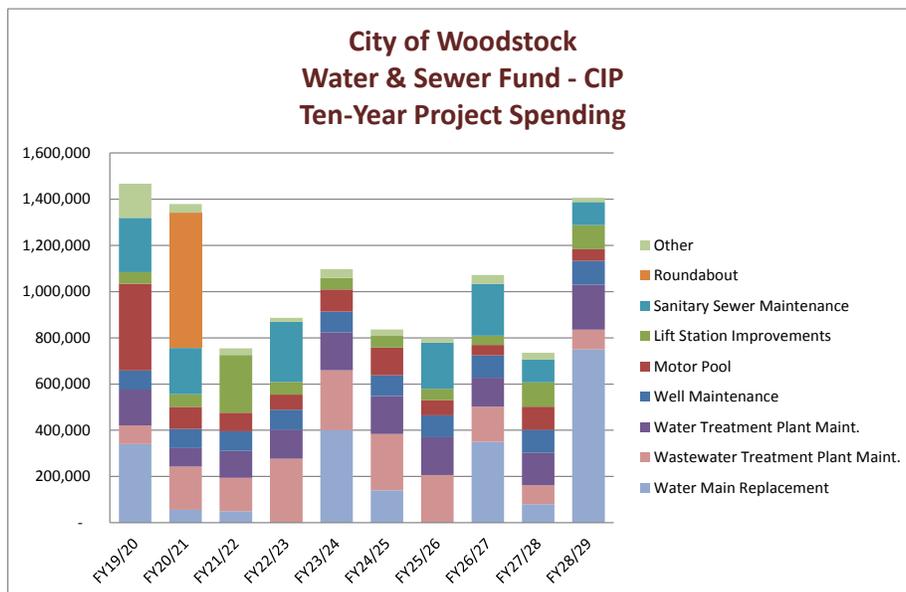
Water & Sewer Fund CIP-Overview

The Water & Sewer Fund is estimating the collection of over \$13.8 million in revenues, which will be allocated over the ten-year period. Of this amount, \$12.8 million is forecasted to be generated from the normal operations and transferred over during this period.

As illustrated in the graph below, the Water & Sewer Fund Transfer will represent 93% of the total funding provided for the CIP program. In addition, the Water & Sewer Fund will receive a loan from the Water & Sewer Capacity Fund of just under \$1.0 million to finance utility improvements for the renovation of the South/Lake/Madison Roundabout.

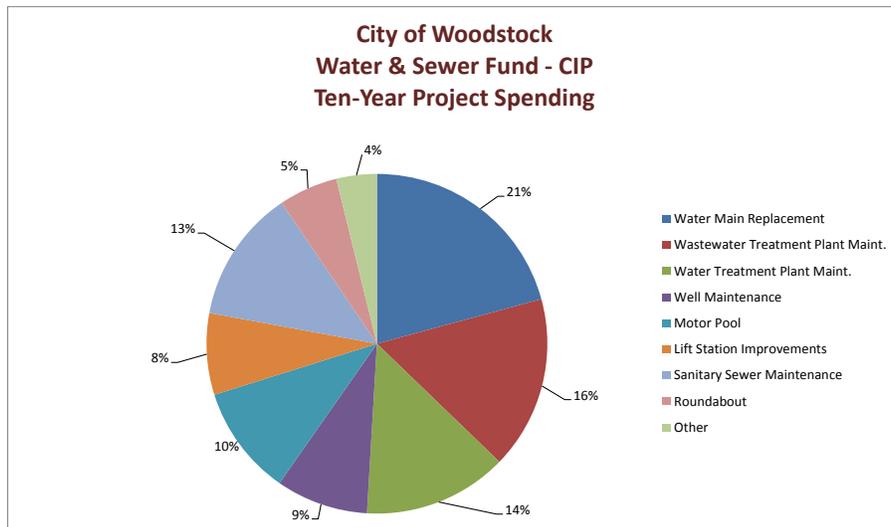


The proposed FY19/20 – FY28/29 Water & Sewer Fund CIP, as presented, identifies \$10.4 million in spending for projects to be funded over the ten-year planning period. They are presented in the graph provided below:

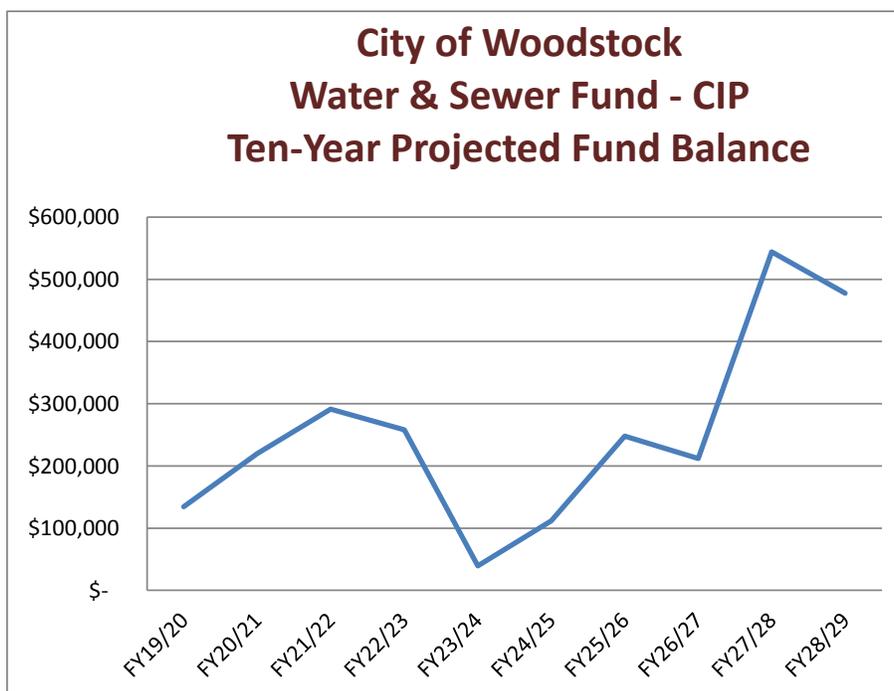


Water & Sewer Fund CIP-Overview

The following chart illustrates the proposed projects for the ten-year planning period. Wastewater Treatment Plant Maintenance 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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten-Year Totals
Beginning Fund Balance	\$ -	\$ -	\$ 300,700	\$ 134,500	\$ 219,700	\$ 291,100	\$ 258,100	\$ 39,300	\$ 111,600	\$ 247,800	\$ 211,800	\$ 543,900	\$ 300,700
REVENUES													
OTHER													
Loan Proceeds	\$ -	\$ -	\$ 375,000	\$ 585,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 960,000
TOTAL OTHER	\$ -	\$ -	\$ 375,000	\$ 585,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 960,000
TRANSFERS (TO)/FROM OTHER FUNDS													
Transfer From Water & Sewer Fund	\$ 1,152,000	\$ 1,152,000	\$ 1,175,000	\$ 1,198,500	\$ 1,222,500	\$ 1,247,000	\$ 1,271,900	\$ 1,297,300	\$ 1,323,300	\$ 1,349,800	\$ 1,376,700	\$ 1,404,300	\$ 12,866,300
TOTAL TRANSFERS (TO)/FROM OTHER FUNDS	\$ 1,152,000	\$ 1,152,000	\$ 1,175,000	\$ 1,198,500	\$ 1,222,500	\$ 1,247,000	\$ 1,271,900	\$ 1,297,300	\$ 1,323,300	\$ 1,349,800	\$ 1,376,700	\$ 1,404,300	\$ 12,866,300
TOTAL REVENUES	\$ 1,152,000	\$ 1,152,000	\$ 1,550,000	\$ 1,783,500	\$ 1,222,500	\$ 1,247,000	\$ 1,271,900	\$ 1,297,300	\$ 1,323,300	\$ 1,349,800	\$ 1,376,700	\$ 1,404,300	\$ 13,826,300
EXPENSES													
DEBT													
Bond Fees	\$ -	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ 600	\$ -	\$ 5,400
2008 Bonds (Principal and Interest)	176,800	176,800	-	-	-	-	-	-	-	-	-	-	-
2016 Bonds (Principal and Interest)	73,600	73,600	248,600	246,600	249,400	246,800	249,000	245,800	247,400	248,600	244,400	-	2,226,600
Capacity Loan (Principal and Interest)	-	-	-	72,100	147,100	145,600	144,100	142,600	141,100	64,600	64,600	64,600	986,400
TOTAL DEBT	\$ 250,400	\$ 251,000	\$ 249,200	\$ 319,300	\$ 397,100	\$ 393,000	\$ 393,700	\$ 389,000	\$ 389,100	\$ 313,800	\$ 309,600	\$ 64,600	\$ 3,218,400
CAPITAL OUTLAY													
DPW Facility Expansion and Maintenance	\$ -	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Tower Maintenance	20,000	20,000	-	20,000	10,000	-	20,000	10,000	-	20,000	10,000	-	90,000
Well Maintenance & Improvements	102,000	85,000	83,000	83,000	85,000	87,000	90,000	90,000	95,000	97,000	100,000	103,000	913,000
Water Main Replacement & Construction	50,000	31,400	340,000	56,000	50,000	-	400,000	140,000	-	350,000	80,000	750,000	2,166,000
Water Meter Replacement Program	150,000	130,000	130,000	-	-	-	-	-	-	-	-	-	130,000
Water Treatment Plant Maintenance	90,000	92,000	155,000	80,000	117,000	125,000	164,000	164,000	164,000	125,000	140,000	195,000	1,429,000
Wastewater Treatment Plant Maintenance	88,000	75,100	81,000	187,000	144,000	277,000	260,000	244,000	206,000	152,000	82,000	85,000	1,718,000
Sanitary Sewer Maintenance	-	-	235,000	200,000	-	260,000	-	-	200,000	225,000	100,000	100,000	1,320,000
Motor Pool	50,000	48,800	375,000	95,000	80,000	65,000	95,000	120,000	65,000	45,000	100,000	50,000	1,090,000
I & I Improvements	14,000	30,000	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	95,000	65,000	50,000	55,000	250,000	55,000	50,000	50,000	50,000	40,000	105,000	105,000	810,000
Sewer Televising Equipment	26,000	16,000	-	-	-	-	-	-	-	-	-	-	-
South/Lake/Madison Roundabout	-	-	-	585,000	-	-	-	-	-	-	-	-	585,000
TOTAL CAPITAL OUTLAY	\$ 685,000	\$ 600,300	\$ 1,467,000	\$ 1,379,000	\$ 754,000	\$ 887,000	\$ 1,097,000	\$ 836,000	\$ 798,000	\$ 1,072,000	\$ 735,000	\$ 1,406,000	\$ 10,431,000
TOTAL W&S CAPITAL FUND EXPENSES	\$ 935,400	\$ 851,300	\$ 1,716,200	\$ 1,698,300	\$ 1,151,100	\$ 1,280,000	\$ 1,490,700	\$ 1,225,000	\$ 1,187,100	\$ 1,385,800	\$ 1,044,600	\$ 1,470,600	\$ 13,649,400
NET INCREASE (DECREASE)	\$ 216,600	\$ 300,700	\$ (166,200)	\$ 85,200	\$ 71,400	\$ (33,000)	\$ (218,800)	\$ 72,300	\$ 136,200	\$ (36,000)	\$ 332,100	\$ (66,300)	\$ 176,900
Ending Fund Balance	\$ 216,600	\$ 300,700	\$ 134,500	\$ 219,700	\$ 291,100	\$ 258,100	\$ 39,300	\$ 111,600	\$ 247,800	\$ 211,800	\$ 543,900	\$ 477,600	\$ 477,600

Loan Revenue

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 375,000	FY24/25	\$ 0
FY20/21	\$ 585,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0

Revenue Description

A loan is being proposed from the Water & Sewer Capacity CIP Fund in FY19/20 for the purchase of a vactor truck to replace truck #42, a 2008 vactor truck. This loan is anticipated to be paid back in six years. A second loan is planned for FY20/21 to be used to pay for water and sewer improvements related to the construction of the South/Lake/Madison Roundabout. This loan is anticipated to be paid back in ten years. Both of these projects are time sensitive and cannot be postponed until non-loan funds are available.

Transfer from Water & Sewer Fund

FY18/19 Budget		\$ 1,152,000	
FY18/19 Projected		\$ 1,152,000	
FY19/20	\$ 1,175,000	FY24/25	\$ 1,297,300
FY20/21	\$ 1,198,500	FY25/26	\$ 1,323,300
FY21/22	\$ 1,222,500	FY26/27	\$ 1,349,800
FY22/23	\$ 1,247,000	FY27/28	\$ 1,376,700
FY23/24	\$ 1,271,900	FY28/29	\$ 1,404,300

Transfer Description

It is being proposed to establish an annual transfer from the Water & Sewer Fund to a newly created Water & Sewer CIP Sub-Fund. This new CIP Sub-Fund would be responsible to account and pay for all Water and Sewer CIP items, with the exception of capacity-related improvements, which would be paid by the Water & Sewer Capacity CIP Fund. The total of the transfer being proposed is based on an estimate determined through a 10-year analysis of future Water & Sewer Fund budget projections.

Bond Fees

FY18/19 Budget		\$ 600	
FY18/19 Projected		\$ 600	
FY19/20	\$ 600	FY24/25	\$ 600
FY20/21	\$ 600	FY25/26	\$ 600
FY21/22	\$ 600	FY26/27	\$ 600
FY22/23	\$ 600	FY27/28	\$ 600
FY23/24	\$ 600	FY28/29	\$ 0



FY18/19 Status Update

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

FY19/20 to FY28/28 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.

2008 Bond Payment

FY18/19 Budget		\$ 176,800	
FY18/19 Projected		\$ 176,800	
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

The City issued \$3.4 million in Alternate Revenue Bonds in FY08/09 to finance the modernization/renovation of the First Street Water Treatment Plant. This project re-outfitted the facility with new modern equipment that not only improved the overall treatment process, but also allowed for the simultaneous treatment of all three wells that service this facility. This bond was partially refunded by the Series 2016 Bond. The payment made in FY18/19 was in accordance with the bond payment schedule and is the final payment.

2016 Bond Payment

FY18/19 Budget		\$ 73,600	
FY18/19 Projected		\$ 73,600	
<hr/>			
FY19/20	\$ 248,600	FY24/25	\$ 245,800
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



FY18/19 Status Update

FY18/19 bond payments were funded as required by the respective Bond Ordinance.

FY19/20 to FY27/28 Project Information

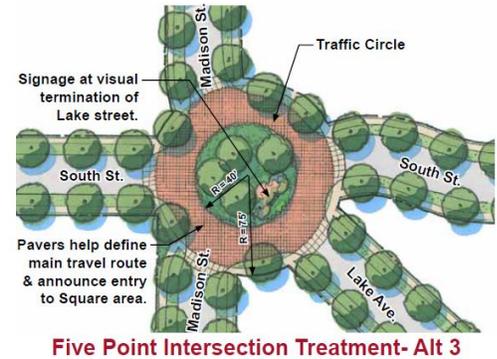
The City issued \$1,840,000 in Alternate Revenue Bonds in FY16/17 to partially refund the Series 2008 bonds. The original bonds in this series had been used to finance the modernization/renovation of the First Street Water Treatment Plant.

The remaining bond payments are identified in the table below:

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

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 142,600
FY20/21	\$ 72,100	FY25/26	\$ 141,100
FY21/22	\$ 147,100	FY26/27	\$ 64,600
FY22/23	\$ 145,600	FY27/28	\$ 64,600
FY23/24	\$ 144,100	FY28/29	\$ 64,600



Five Point Intersection Treatment-Alt 3

FY20/21 to FY28/29 Project Information

The Water and Sewer Fund anticipates borrowing \$960,000 from the Water Sewer Capacity Fund in FY19/20 and FY20/21 to pay for water and sewer improvements related to the roundabout at the intersection of South/Madison/Lake Street and a vector truck. Reflected here is the loan repayment. The loan is anticipated to have a 2% interest rate and the term would be for ten years.

Existing PW Facility

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 7,000	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 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



FY18/19 Status Update

Funds within this line item are used for improvements to the Public Works Facility. Because some sewer and water activity is administered through and housed within this facility, 33% of all expenditures are charged to the Utility Fund CIP. Although no funds were approved in this line item in FY18/19, funds were expended to update the cabinets and counter tops in the breakroom at the Public Works Facility. Often times, the break room is used for meetings, especially

Water & Sewer Fund CIP – Funded Projects

when the meetings include a large number of people requiring a larger space. In order to present a good image for the City, the countertops and cabinets within the space were removed and replaced.

FY19/20 thru FY28/29 Project Information

The City Council is working hard to position the Woodstock Community for growth. Programs such as reduced developer fees, the creation of an Enterprise Zone, the creation of TIF #2, Downtown Plan, etc., help encourage developers to invest in the City. Woodstock Station is one of those developments that has seen renewed interest. The development is just east of the existing Public Works Facility. The City is not in favor of expanding on the existing Public Works site for the purposes of administering City services. As a result, the City will determine a more suitable location for a future Public Works Facility. Once a suitable location is identified, the City will purchase property and issue bonds for the construction of a new facility. As a result, an unfunded CIP project is included in both the Utility and General Fund to pay for the construction of a new facility and relocate the Public Works Department. It is estimated that land could cost as much as \$100,000 and that a new facility and improvements to bring utilities to the site could cost as much as \$12.5 million dollars.

Water Tower Maintenance

FY18/19 Budget		\$ 20,000	
FY18/19 Projected		\$ 20,000	
FY19/20	\$ 0	FY24/25	\$ 10,000
FY20/21	\$ 20,000	FY25/26	\$ 0
FY21/22	\$ 10,000	FY26/27	\$ 20,000
FY22/23	\$ 0	FY27/28	\$ 10,000
FY23/24	\$ 20,000	FY28/29	\$ 0



FY18/19 Status Update

Water Tower Clean and Coat, Inc. performed an inspection and dive cleaning of the McConnell Road Elevated Storage Tank in 2015. The tank is in generally good condition; however, it was noted that the tank is in need of exterior cleaning followed by spot repair and re-coating of the repaired areas. This work must be completed in weather that is above 50 degrees and relatively low humidity. The work will be scheduled in the spring prior to the end of FY18/19.

FY20/21 Project Information

Hill Street Water Tower Cleaning, Maintenance, & Inspection (\$20,000): 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.

Water & Sewer Fund CIP – Funded Projects

FY21/22 Project Information

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

FY23/24 Project Information

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

FY24/25 Project Information

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

FY26/27 Project Information

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

FY27/28 Project Information

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

Well Maintenance & Improvements

FY18/19 Budget		\$ 102,000	
FY18/19 Projected		\$ 85,000	
FY19/20	\$ 83,000	FY24/25	\$ 90,000
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



FY18/19 Status Update

City Council has approved \$58,940 for the preventive maintenance of Well #11, located behind the Seminary Avenue Treatment Plant. This amount will cover the cost of this preventive maintenance should no additional services or parts be needed. If bore blasting or parts are necessary, they will need authorization from the City prior to ordering parts or performing work. The well equipment is being pulled now, but its components have yet to be inspected; therefore, the final cost for preventive maintenance is not exact. The City can; however, get a good idea of final costs based upon preventive maintenance completed in previous years.

FY19/20 Project Information

FY19/20 is the year that Well #10 was scheduled to be pulled for preventive maintenance; however, it was pulled in FY17/18 on an emergency basis to replace the pitless adapter and preventive maintenance was performed at that time. Funds are requested in FY19/20 (\$83,000) for use in the event an unanticipated failure occurs; otherwise, no preventive maintenance work is scheduled for FY19/20.

Water & Sewer Fund CIP – Funded Projects

FY20/21 Project Information

Scheduled preventive maintenance for Well #12 (\$83,000)

FY21/22 Project Information

Scheduled preventive maintenance for Well #9 (\$85,000)

FY22/23 Project Information

Scheduled preventive maintenance for Well #8 (\$87,000)

FY23/24 Project Information

Scheduled preventive maintenance for Well #7A (\$90,000)

FY24/25 Project Information

Scheduled preventive maintenance for Well #11 (\$90,000). The Utility Capacity CIP includes a request to drill a new well in FY24/25.

FY25/26 Project Information

Scheduled preventive maintenance for Well #10 (\$95,000)

FY26/27 Project Information

Scheduled preventive maintenance for Well #12 (\$97,000)

FY27/28 Project Information

Scheduled preventive maintenance for Well #9 (\$100,000)

FY28/29 Project Information

Scheduled preventive maintenance for Well #8 (\$103,000)

Water Main Replacement & Construction

FY18/19 Budget		\$ 50,000	
FY18/19 Projected		\$ 31,400	
<hr/>			
FY19/20	\$ 340,000	FY24/25	\$ 0
FY20/21	\$ 56,000	FY25/26	\$ 140,000
FY21/22	\$ 50,000	FY26/27	\$ 350,000
FY22/23	\$ 0	FY27/28	\$ 80,000
FY23/24	\$ 400,000	FY28/29	\$ 750,000



FY18/19 Status Update

Funds appropriated through this line item in FY18/19 were used to cover the cost of design and permitting for the replacement of approximately 665 feet of water main at the west end of Washington Street, which is currently full of

Water & Sewer Fund CIP – Funded Projects

repair sleeves. This work is prioritized based upon issues reported by water customers, through observations and recommendations of employees, and recommendations from the 2006 Water System Master Plan. Engineering is expected to be completed before the end of FY18/19.

FY19/20 Project Information

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 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 are requested to replace water main on Washington Street from the City limits east approximately 665 feet. Design and permitting was completed in FY18/19. It is recommended that construction be completed in FY19/20 (\$340,000).

FY20/21 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 one 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 FY20/21 (\$56,000) are requested to pay for the design and permitting associated with the replacement of water main in these two locations on Lake Avenue. Construction to replace the water main will be considered in FY21/22. The estimate to construct new water main totals \$1.64 million dollars. The City will likely have to debt finance this project, so the request for construction funding has been included as an unfunded CIP Project.

FY21/22 Project Information

This request is for the design and permitting of new water main on Melody Lane and Sunshine Lane (\$50,000). The existing water main is peppered with clamps from previous breaks. Construction is recommended to take place in FY23/24.

FY23/24 Project Information

Funds are requested to replace water main on Melody Lane and Sunshine Lane in FY23/24 (est. \$400,000).

FY25/26 Project Information

Funds are requested for the design and permitting of new water main on Blakely Street from South to Forest Avenue in May 2025 (est. \$40,000). It is anticipated that construction will begin in April 2026 and work will not be completed until sometime in May. Approximately \$100,000 of the total project cost (\$450,000) will be paid out in FY25/26.

FY26/27 Project Information

An anticipated \$350,000 in construction costs associated with new water main on Blakely Street will be paid out in FY26/27.

Water & Sewer Fund CIP – Funded Projects

FY27/28 Project Information

Funds are requested for the design and permitting of new water main on Russell Court from Route 47 to Julie Street in FY27/28 (est. \$80,000) with construction taking place in FY28/29.

FY28/29 Project Information

Funds are requested for the replacement of water main on Russell Court from Route 47 to Julie Street. This request is for construction and construction engineering (est. \$750,000).

Water Meter Replacement Program

FY18/19 Budget		\$ 150,000	
FY18/19 Projected		\$ 130,000	
FY19/20	\$ 130,000	FY24/25	\$ 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



FY18/19 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 great 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 7,740 water meters or 92% of the water meters in the City of Woodstock (includes both new and existing accounts) have been converted to the new “drive by” system.

FY19/20 Project Information

The purpose of this program is to replace old and outdated water meters. The City currently uses two employees to read meters for about two weeks every month, with the conversion of all water meters, the City will be able to justify a reduction to one employee to gather the meter readings, and reassigning the other employee to assist in other areas within the division. Given the current staffing levels, this would be very helpful to the overall operation of the Sewer & Water Maintenance Division. As more meters get replaced using the current radio-read technology, the City should realize an increase in revenue from water sales, because as meters age, they slow down and do not properly measure the customers’ water usage. This accuracy should have a positive impact 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 650 water meters in FY19/20. Meters required to convert all accounts should be completed in FY19/20. All meters purchased after April 30, 2020 will be funded through the Sewer & Water Maintenance Operating Budget.

Water Treatment Plant Maintenance

FY18/19 Budget		\$ 90,000	
FY18/19 Projected		\$ 92,000	
FY19/20	\$ 155,000	FY24/25	\$ 164,000
FY20/21	\$ 80,000	FY25/26	\$ 164,000
FY21/22	\$ 117,000	FY26/27	\$ 125,000
FY22/23	\$ 125,000	FY27/28	\$ 140,000
FY23/24	\$ 164,000	FY28/29	\$ 195,000



FY18/19 Status Update

This line item provides for the completion of three separate projects within the Water Treatment Division. The first project involves the resurfacing of existing asphalt in the rear of the Seminary Avenue Water Treatment facility (\$21,000). The asphalt surrounds some manufactured lids that sit upon a concrete curb. The asphalt resurfacing is complete, but concrete restoration (\$9,000) will have to wait until the spring of 2019.

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 needed to improve the overall security of the City’s system. Before the end of FY18/19, fencing will be installed around the McConnell Road water tower site at a cost not-to-exceed \$10,000.

The third project involves the preparation of plans and specifications associated with the construction of underground brine tanks at the First Street Water Treatment Plant (\$50,000). This design engineering work will be completed before the close of FY18/19.



FY19/20 Project Information

Construction of New Brine Tanks – First Street (\$155,000): These funds are for the construction of two below-grade brine tanks serving the First Street Water Treatment Plant, which will replace the above-ground tank that is failing. Salt brine is required for the water-softening process.

FY20/21 Project Information

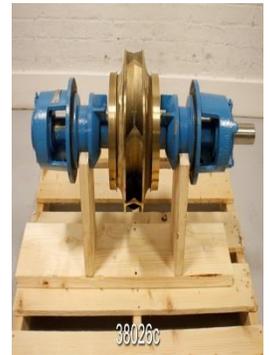
Reaction Basin Cleaning (\$30,000). The buildup of sediment originating from the drinking water wells occurs naturally in most water treatment systems. Over time, this sediment builds up and will eventually break through to other stages of the treatment processes such as iron removal and softening. As 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 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, meets 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 FY21/22 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 (\$39,000/ea.): 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 (\$125,000): 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: Funds will be used to replace a pump rotating assembly and a VFD based upon historical equipment performance, serviceability, and availability of replacement parts.

FY24/25 Project Information

Equipment Replacement: Funds will be used to replace a pump rotating assembly and a VFD based upon historical equipment performance, serviceability, and availability of replacement parts.

Water & Sewer Fund CIP – Funded Projects

FY25/26 Project Information

Equipment Replacement: 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

Variable Frequency Drive Replacement (\$125,000)

FY27/28 Project Information

Variable Frequency Drive Replacement (\$125,000)

Cleaning of Reaction Basin (\$15,000): Staff seeks funds to hire a diver to clean the reaction basin at the First Street Water Treatment Plant while the basin is in service ensuring optimal water quality and to prevent premature plugging of vital components throughout the treatment process.

FY28/29 Project Information

Cleaning of Reaction Basin (\$15,000): Staff seeks funds to hire a diver to clean the reaction basin at the Seminary Avenue Water Treatment Plant while the basin is in service ensuring optimal water quality and to prevent premature plugging of vital components throughout the treatment processes.

Vulnerability Assessment Improvements (\$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 upgraded 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 plant and remove the skylights at the First Street plant.

Wastewater Treatment Plant Maintenance

FY18/19 Budget		\$ 88,000	
FY18/19 Projected		\$ 75,100	
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FY19/20	\$ 81,000	FY24/25	\$ 244,000
FY20/21	\$ 187,000	FY25/26	\$ 206,000
FY21/22	\$ 144,000	FY26/27	\$ 152,000
FY22/23	\$ 277,000	FY27/28	\$ 82,000
FY23/24	\$ 260,000	FY28/29	\$ 85,000



Water & Sewer Fund CIP – Funded Projects

FY18/19 Status Update

This line item in the CIP is intended to pay for three items, one of which was aluminum safety railing to replace deteriorating steel railing. That bid came in about \$1,500 less than the amount appropriated in the budget. A contract was awarded for \$22,500 to Breuer Metal Craftsmen, Inc. The railings will be delivered prior to the end of FY18/19 and they will be installed by plant personnel.

Also approved for purchase are three sluice gates which are used to divert process flow and isolate aeration basins for periodic maintenance. Because the sluice gates are inoperable, often times multiple tanks must be taken out of service even though only one tank requires maintenance. Three sluice gates were purchased at a cost of \$15,803. The gates are in fabrication and expected delivery was prior to the end of calendar year 2018.

The third item approved for purchase is an influent grinder for the Southside facility from JWC at a cost of \$22,000. The grinder will be ordered and delivered before the end of FY18/19.

Unfortunately, an additional expenditure was also required in FY18/19. Although the funds were approved in FY17/18, the replacement #2 Olson Park Pump (\$14,800) was not delivered until September 2018, as a result, it is being charged to the FY18/19 Budget. The pump is now on-line and operating as designed.

FY19/20 Project Information

The FY19/20 request includes two (2) separate projects. They include:

Sluice Gate Replacement (\$20,000): Funds are requested in FY19/20 for the purchase of three sluice gates which are used to divert process flow and isolate aeration basins for periodic maintenance. At a minimum, each of the seven aeration tanks has two sluice gates, one influent and one effluent. Some of the tanks have a third valve to allow the flow to enter an aerator tank other than the first in the series of treatment units.

Safety Railing Replacement (\$20,000): Funds are requested to pay for new safety railings around the perimeter of process tanks at the Wastewater Treatment Facilities. Most of the railings currently in place were installed back in the 1970s and they were fabricated from steel. The steel railings require constant scraping and painting in order to preserve their integrity. The railings have outlived their useful life and funds will pay for aluminum railings that will be installed by plant operators. Funds are requested in three separate funding years in order to spread out not only the costs to purchase railings, but also to spread out the work load for plant operators.

Diffuser Replacement (\$15,000): The Northside Wastewater Treatment Plant utilizes an aerobic process to maintain a healthy biomass which is essential for breaking down organics in the wastewater system. In the aerator and digester systems there are diffusers that are utilized to disperse oxygen throughout the biomass, which is then consumed by the microorganisms. This addition of air in the tank also serves to provide mixing, keeping solids in suspension. This request provides for the replacement of diffusers in four aerators and five aerobic digesters with work spread out over a period of four years. This request also assumes that plant operators will remove the old diffusers and replace them with the new ones.



Influent Grinders (\$26,000): 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.

Water & Sewer Fund CIP – Funded Projects

FY20/21 Project Information

Sluice Gate Replacement (\$12,000): Funds are requested in FY20/21 for the purchase of two sluice gates, which are used to divert process flow and isolate aeration basins for periodic maintenance.

PLC Upgrades (\$60,000): 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 FY19/20 due to reduced parts availability.



Replacement of Mechanical Aerators (\$115,000): At the Northside facility, there are seven (7) mechanical aerators, which are used to provide all aeration at the treatment facility until a plant expansion in 1962. Even after 1962, this equipment contributed to the aeration and treatment process; however, this equipment is now obsolete and the layout is prime for a more efficient treatment process with only a few modifications. The efficiency to be gained involves increased nutrient removal and lower electrical costs. There may be grants that could help with the cost of this project, which will be completed over three budget years.

FY21/22 Project Information

RAS/WAS Pump Replacement (\$14,000): 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 eighteen (18) years. The City recently learned that the cost to repair these pumps is very close to the cost to replace them. Funds are requested to replace one pump in FY21/22.



Replacement of Mechanical Aerator (\$115,000)

Rebuild Hoffman Blower (\$15,000): There are three centrifugal blowers at the Northside Wastewater Treatment Plant that were installed in the mid - 1970s. These blowers are essential in maintaining the aerobic biological treatment process. Funds are requested to have one of the reconditioned in order to maintain the initial investment and ensure greater longevity.

FY22/23 Project Information

Influent Grinders (\$32,000)

Diffuser Replacement (\$15,000)

Replacement of Mechanical Aerators (\$230,000)

FY23/24 Project Information

Diffuser Replacement (\$15,000)

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



Water & Sewer Fund CIP – Funded Projects

the end of its useful life and it should be replaced.

PLC Upgrades (\$40,000)

Replacement of Mechanical Aerator (\$115,000)

FY24/25 Project Information

Influent Grinders (\$37,000)

RAS/WAS Pump Replacement (\$14,000)

PLC Upgrades (\$40,000)

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 solid 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.

Replacement of Mechanical Aerator (\$115,000)

Rebuild Hoffman Blower (\$15,000)

FY25/26 Project Information

RAS/WAS Pump Replacement (\$15,000)

Replacement of Mechanical Aerator (\$115,000)

Rebuild Hoffman Blower (\$16,000)

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.

Replace Positive Displacement Blower (\$10,000): 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.



Water & Sewer Fund CIP – Funded Projects

FY26/27 Project Information

Influent Grinders (\$32,000)

PLC Upgrades (\$30,000)

Secondary Clarifier Weir Replacement (\$50,000)

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 the biological activity, thereby reducing 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.



FY27/28 Project Information

RAS/WAS Pump Replacement (\$15,000)

Replace Positive Displacement Blower (\$12,000)

Weir Cleaning System (\$30,000): In 1999, each of the four circular clarifiers were outfitted with a 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 at the Northside Wastewater Treatment Plant.



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

PLC Upgrades (\$40,000)

RAS/WAS Pump Replacement (\$15,000)

Weir Cleaning System (\$30,000): Replacement of two clarifiers at the Southside Wastewater Treatment Plant.

Sanitary Sewer Maintenance

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
FY19/20	\$ 235,000	FY24/25	\$ 0
FY20/21	\$ 200,000	FY25/26	\$ 200,000
FY21/22	\$ 0	FY26/27	\$ 225,000
FY22/23	\$ 260,000	FY27/28	\$ 100,000
FY23/24	\$ 0	FY28/29	\$ 100,000



Water & Sewer Fund CIP – Funded Projects

FY19/20 & FY20/21 Project Information

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. A visual inspection of this sewer indicates that storm water is entering the sanitary sewer system. The trunk sewer is located directly beneath one of the City's storm water detention basins. The water entering the sewer system is taking up capacity at the treatment plant and if the leak is not stopped, these funds may have to go toward a plant expansion to treat the groundwater.

The section of pipe needing rehabilitation is 800 feet long. It is recommended that design and permitting be completed in May of 2019 followed by construction beginning in April of 2020 and concluding in June. Construction is expected to be in the form of slip lining, pipe bursting, manhole rehabilitation, and/or pipe replacement.

FY22/23 Project Information

In 2015, Baxter & Woodman completed a study of the sanitary sewer line tributary to the Irving Avenue lift station. The lift station 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 request for construction is included as an unfunded project because it is likely that the City will need to finance the construction costs.

FY25/26 & FY26/27 Project Information

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 a three-month construction period, beginning in April of 2026. Construction is expected to be in the form of slip lining, pipe bursting, manhole rehabilitation, and/or pipe replacement.

FY27/28 Project Information

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 Project Information

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

FY18/19 Budget		\$ 50,000	
FY18/19 Projected		\$ 48,800	
FY19/20	\$ 375,000	FY24/25	\$ 120,000
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



FY18/19 Status Update

The FY18/19 budget included \$50,000 for the replacement of a 2003 Chevy Silverado 2500 with a service body. Staff is currently evaluating a proper replacement before ordering the unit. Once the new unit is in place, the old unit will be sold via online auction on www.GovDeals.com.

FY19/20 Project Information

Replacement of Vector Truck #42 (\$375,000): Fleet proposes replacement of Truck #42, a 2008 Vector on an International chassis. As this unit replaces the Streets Division unit, the condition of both units must be considered. Historically, these units see active service in the Water Division for a period of 12 years, with another 12 years in a working role with the Street Division and as a backup unit for the Water Division. The units are the correct age and condition for replacement. The current mainline unit, WTR42 is in good overall condition with a recent replacement of the debris body crossover and high-pressure rodding pump. STR52, the secondary Vector, is showing signs of age, with rust jacking of the frame present and becoming more of a concern with each passing season. This same problem removed WTR41B from service with no warning. Additionally, the crossover on the debris body is presenting signs of rust through, signaling additional costly repairs should it be retained. These repairs to the newer unit cost nearly \$10,000.



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 the 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 replaced. Also recommended for replacement is a front-mount Mower #173, which is assigned to the Wastewater Treatment

Water & Sewer Fund CIP – Funded Projects

Division that 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 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, this unit will be 19-years old at the time of replacement. 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): 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 too will have served the City for more than 17 years at the time of replacement.

FY24/25 Project Information

Replacement of Dump Truck #41 (\$120,000): Replacement of the Sewer & Water Division Dump Truck #41 is recommended in FY24/25. The 2007 model year International truck will be 17-years old at the time of 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 liftgate. If approved, this vehicle will be 14-years old.

FY27/28 Project Information

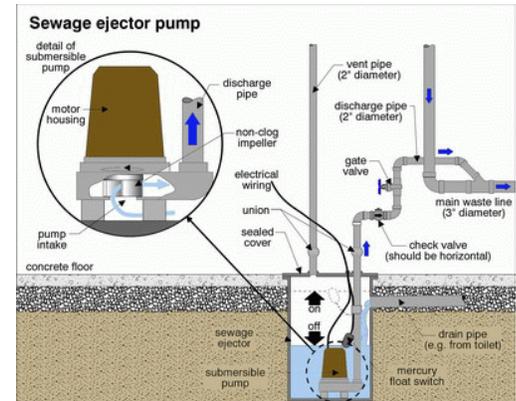
Replacement of Backhoe #104 (\$100,000): The 2013 model year Case Backhoe #104 would be replaced.

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.

I & I Improvements

FY18/19 Budget		\$ 14,000	
FY18/19 Projected		\$ 30,000	
FY19/20	\$ 18,000	FY24/25	\$ 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



FY18/19 Status Update

2018 was one of the wettest years on record. The City experienced multiple rain events consisting of high intensity and/or long duration. In many cases, the sanitary sewer system became overloaded and a number of homes had sanitary sewer backups in their 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 FY18/19 twelve property owners have applied for assistance through this program.

FY19/20 through FY28/29 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 number of requests submitted for this program is higher when the community experiences wet weather.

Lift Station Improvements

FY18/19 Budget		\$ 95,000	
FY18/19 Projected		\$ 65,000	
FY19/20	\$ 50,000	FY24/25	\$ 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



FY18/19 Status Update

Funds were appropriated in FY18/19 to repair the floor, piping, and rail system at the submersible Westwood Lakes Estates lift station. This station was installed in the 1970s, and has slowly settled to a point where the pumps do not sit flat on the floor and the legs of the pump have to be modified in order for the pump to sit in the correct position so that the discharge flanges line up.

Expenditures in this line item also 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. Thus far in FY18/19, five pumps had to be rebuilt or replaced.

FY19/20 Project Information

The City owns and operates twenty (20) sanitary sewer lift stations that are physically monitored five days per week. This physical monitoring involves driving to the station, opening the cabinets to obtain pump hour readings for evaluation. There is electronic equipment that can be installed that would provide this information instantaneously without the need to visit the station. This request is to purchase five alarm dialers that would remotely track data for use in monitoring and troubleshooting lift station operation. Additional dialers will be purchased in future years until all of the stations are outfitted. The remaining funds (\$35,000) will be used to pay for repairs to submersible pumps throughout the year on an “as needed” basis.

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 wet well. 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.

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 the City continues 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 backs up into businesses

Water & Sewer Fund CIP – Funded Projects

along Route 47. Work will include a new traffic panel and box, installation of a wet well with a rail system and three (3) submersible pumps.

Funds are also 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. It is also recommended that the integrity of the lift station’s steel holding tank be evaluated by televising it. The remaining funds (\$30,000) will pay for submersible pump repairs and/or replacements throughout the year.

FY23/24 – FY 26/27 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 (on Duvall Drive). Remaining funds are requested to pay for submersible pump repairs and/or replacements throughout the year.

Sewer Televising Equipment

FY18/19 Budget		\$ 26,000	
FY18/19 Projected		\$ 16,000	
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FY19/20	\$ 0	FY24/25	\$ 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



Water & Sewer Fund CIP – Funded Projects

FY18/19 Status Update

For more than a few years now, the City has cleaned and inspected sanitary and storm sewer pipes beneath streets that are to be resurfaced. The inspection part of this process requires televising equipment, which comes in several different styles. There are three that Public Works demonstrated in 2018. The first is a quick-view system having a camera



mounted on a pole that is physically lowered into a manhole providing a picture and/ or video looking into the end of a pipe. This tool is also useful in obtaining a simple view of the structure itself. The second is a jet scan, which attaches to the end of the hose used for rodding sewers. The water pressure moves the camera through the sewer line. The third is a physical crawler that has wheels or tracks, is self-powered, and it crawls through the pipe. The third style is the most expensive. Before the end of FY18/19, Public Works will purchase a quick view and a jet scan system for a total cost of \$32,000. One half of the cost will be paid by the General Fund and one-half will be paid by the Utility Fund, since this equipment will be shared. Public Works believes that these systems will provide the necessary data for 80% of the issues that are encountered and will also reduce and/or eliminate the need to contract out televising services.

South/ Lake/ Madison Roundabout

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
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FY19/20	\$ 0	FY24/25	\$ 0
FY20/21	\$ 585,000	FY25/26	\$ 0
FY21/22	\$ 0	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



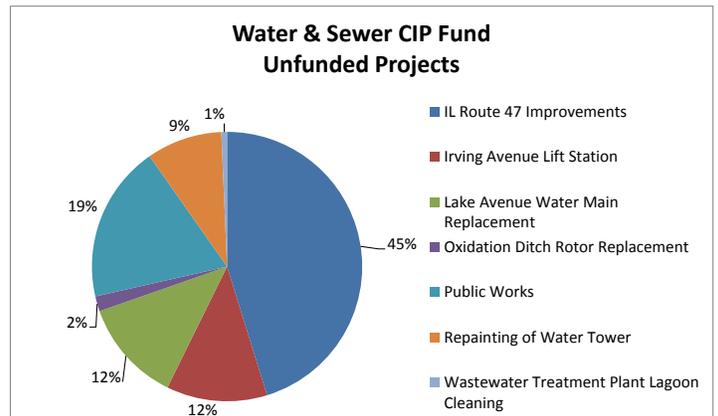
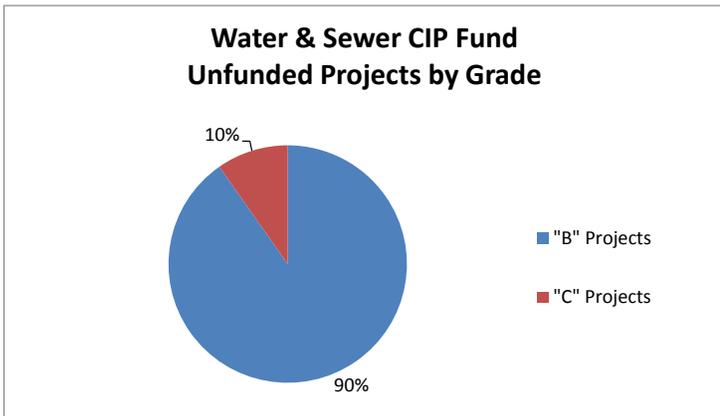
FY20/21 Project Information

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. STP funding will provide for the reimbursement of 80% of the total cost for construction and construction engineering (Phase III) services for approved projects up to a maximum of \$1 million dollars. Based upon information from the McHenry County Council of Mayors, additional funding may be requested up to 10% so the City is planning to request funds to help pay to light the new intersection. Based upon the breakdown of estimated costs for this roundabout project, the City could receive reimbursement of \$1,100,000 for a project with a value of \$2,900,000.

The roundabout project is expected to hold a September 2019 bid letting. 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 has been included in the Utility Fund CIP to cover that work.

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
IL Route 47 Utility Relocation	\$ 6,000,000	B
Irving Avenue Trunk Sewer Rehabilitation	1,600,000	B
Lake Avenue Water Main Replacement	1,640,000	B
Oxidation Ditch Rotor Replacement	240,000	B
New Public Works Facility	2,500,000	B
Hill Street Water Tower Painting	1,200,000	C
Wastewater Treatment Plant Lagoon Cleaning	90,000	C
Total	\$ 13,270,000	

IL Rt. 47 Utility Relocation

Requested Amount

\$ 6,000,000

Grade

B

Project Description

IL Rt. 47 Improvements: For a number of years, the City Council has been very vocal at both the local and state level about the need for improvements to IL Rt. 47; especially the portion that is constructed through the City of Woodstock. Prior to the first Stakeholder Involvement Meeting in 2010, the City spent some of its own funds to help draw attention to the project, complete some of the engineering to find alternatives, and to look at its own roadways to alleviate congestion along this state route under the control and jurisdiction of the Illinois Department of Transportation (IDOT). The City met with IDOT to discuss the progress on this project and the latest information is as follows:



- Proposed highway improvements are typically processed in three distinct phases. In Phase I (preliminary engineering phase), proposed geometry, environmental concerns as well as right-of-way requirements are defined. During Phase II, contract plans are prepared and the necessary right-of-way is acquired. Phase III represents the actual construction of the improvement. Phase II, contract plan preparation, is currently funded and will begin upon completion of the Phase I study. **Funding for land acquisition, construction and construction engineering is not currently included in the Department's Fiscal Year 2018-2023 Proposed Highway Improvement Plan.** However, funding for this project will be considered among similar improvement needs throughout the region. Once additional funding is identified, the land acquisition process is anticipated to take 18 to 24 months to complete and construction is anticipated to take 24 months to complete.

The City will continue its outreach efforts. In the meantime, City staff will continue to meet with representatives from Senator Durbin's Office, Congresswoman Underwood, Union Pacific (UP), IDOT, and McHenry County as necessary and appropriate. In addition, the City will work to prepare business owners along the corridor for the construction phase of this project and be good stewards with regard to helping them remain viable until project is 100% complete.

While capacity improvements to Illinois Route 47 in Woodstock remain a high priority for the community, the scope and size of these improvements are substantially beyond Woodstock's ability to fund as local improvements. From a financial view, the City must wait on IDOT to obtain federal and state funding. Construction costs estimated at \$6 million dollars are tentatively projected in FY27/28 and FY28/29 to cover the relocation of water & sewer lines as per the project design. The IL Rt. 47 Improvements will take two years to construct, as such, costs for water & sewer utility location will need to be paid out as the work progresses.

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 lift station. 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 sewer’s 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.



Lake Avenue Water Main Replacement

Requested Amount	\$ 1,640,000	Grade	B
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Project Description

In 2018, the City experienced three simultaneous water main breaks on Lake Avenue between IL Rt. 47 and Catalpa Lane. In making the repairs the City uncovered two conditions that would warrant consideration for the replacement of the water main. The first condition appeared to be related to poor soil. The water main itself was pitted and corroded on the outside. The second condition was further to the east whereby the water main was directly below a high voltage ComEd duct. The repair required assistance from ComEd because the power needed to be de-energized as a precaution in case the concrete duct failed. The Utility – CIP includes funding to complete the design and permit the necessary work in FY20/21. This project could then be let for construction. It is likely that the City will have to secure a loan to cover the projected construction costs planned for FY21/22, estimated at \$1.64 million dollars.



Oxidation Ditch Rotor Replacement

Requested Amount	\$ 240,000	Grade	B
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Project Description

Oxidation Ditch Rotor Replacement (2 at \$120,000 each): The Wastewater Treatment process at the Southside Plant includes two oxidation ditches which utilize four rotors at the surface that introduces dissolved oxygen and keeps the biomass in suspension. The 60 horsepower rotor aerator equipment is now nineteen (19) years old. The aeration equipment has been reliable, but now is showing normal signs of wear resulting in a decrease in efficiency. This request is a proactive approach to preventing a catastrophic failure of this aerobic treatment process.



New Public Works Facility

Requested Amount	\$ 2,500,000	Grade	B
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Project Description

Public Works Facility (\$2,500,000): 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 & 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 should begin sometime in FY22/23.



Hill Street Water Tower Painting

Requested Amount	\$ 1,200,000	Grade	C
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Project Description

Hill Street Water Tower Repainting (\$1,200,000): 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 FY26/27. 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.



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 compliant with its NPDES Permit.





**Water & Sewer
Capacity
Capital Improvement
Program**

**CIP Document
FY19/20-FY28/29**

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.

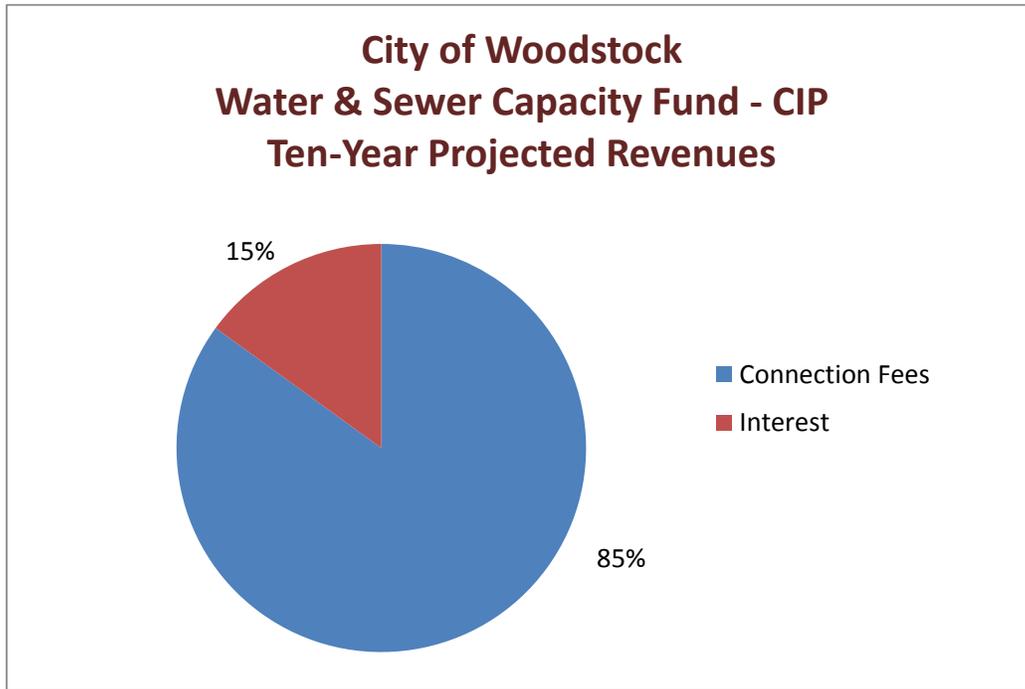
One of the biggest challenges facing the City, with respect to utility operations, is to accurately anticipate the pace and schedule of new developments and to plan for the corresponding capacity expansions accordingly. During FY05/06, the City completed a comprehensive review and update of both the Water System Master Plan and the Sanitary Sewer Master Plan, which is currently being updated. 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.

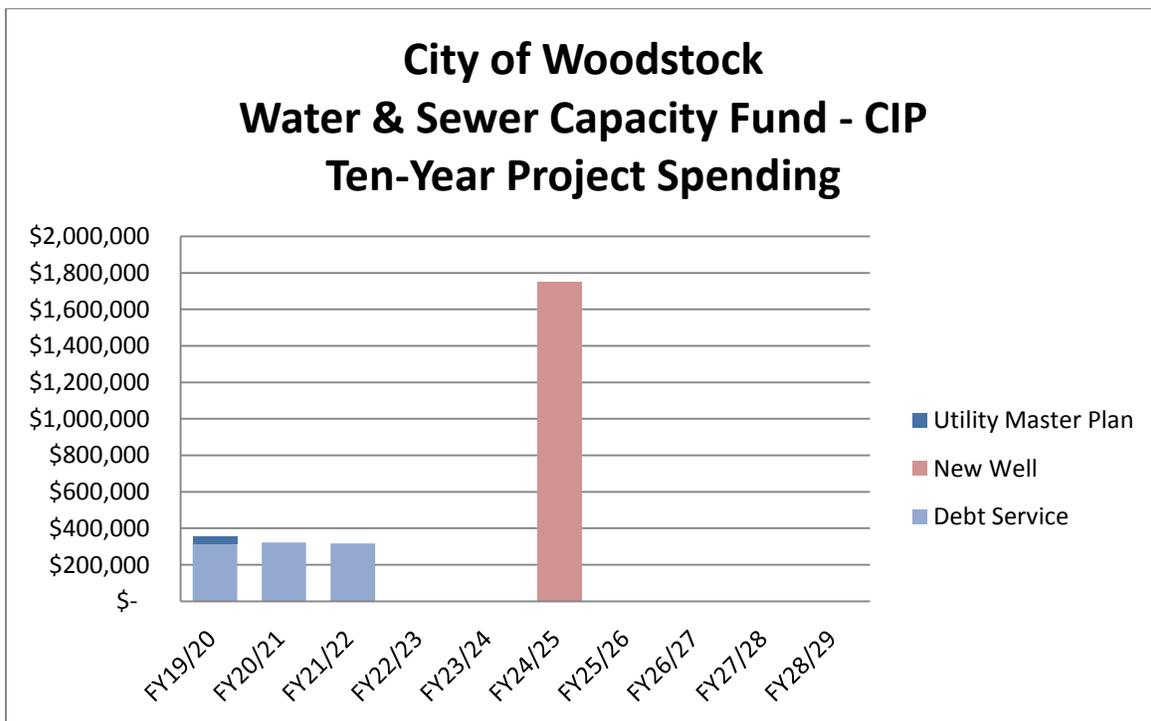
The Water & Sewer Fund is estimating the collection of almost \$5.0 million in revenues, which will be allocated over the ten-year period. Of this amount, over \$4.2 million is forecasted to be generated from connection fees.

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.

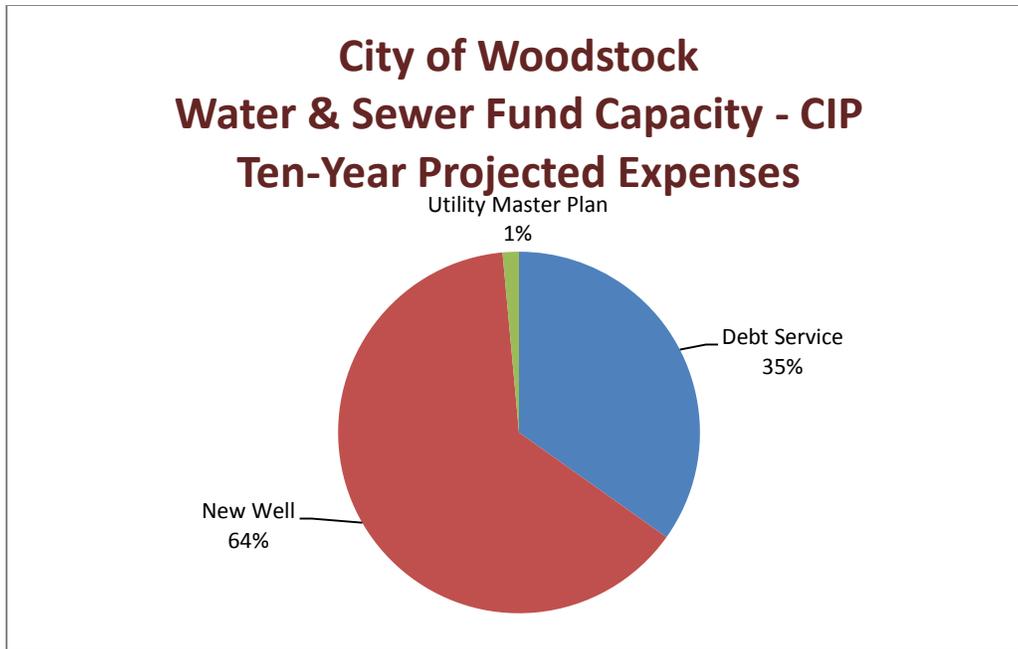


The proposed FY19/20 – FY28/29 Water & Sewer Capacity Fund – CIP, as presented, identifies \$1,790,000 in spending for projects, \$2.75 million if you include debt payments, to be funded over the ten-year planning period. They are broken out by year as follows:

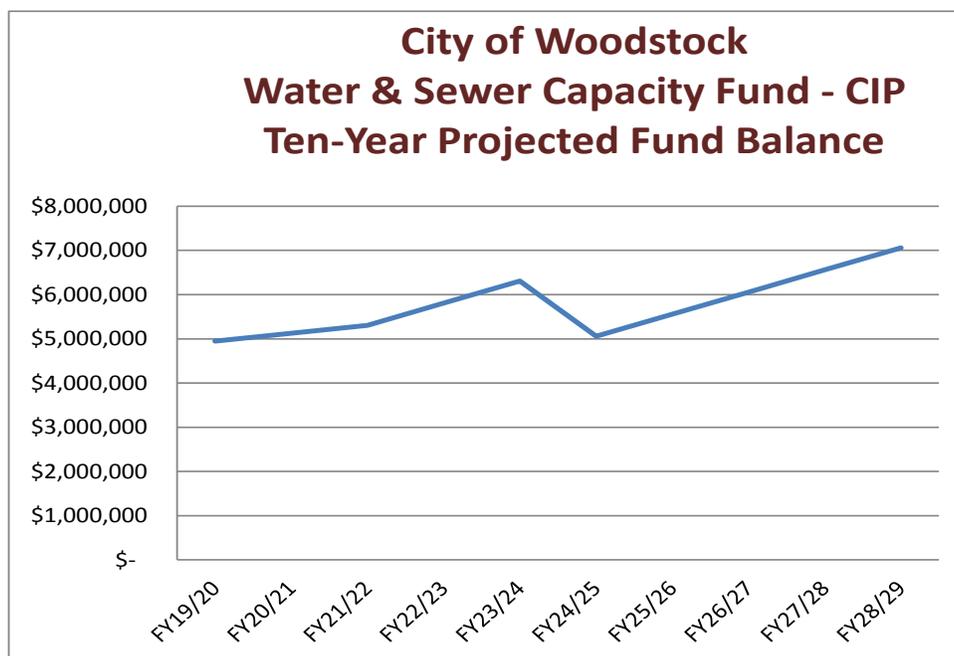


Water & Sewer Capacity Fund CIP-Overview

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 majority of 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	FY18/19 Budget	FY18/19 Projected	1 FY19/20	2 FY20/21	3 FY21/22	4 FY22/23	5 FY23/24	6 FY24/25	7 FY25/26	8 FY26/27	9 FY27/28	10 FY28/29	Ten Year Totals	
Beginning Fund Balance	\$ 4,244,500	\$ 4,244,500	\$ 4,804,800	\$ 4,947,500	\$ 5,124,800	\$ 5,308,000	\$ 5,808,000	\$ 6,308,000	\$ 5,058,000	\$ 5,558,000	\$ 6,058,000	\$ 6,558,000	\$ 4,804,800	
REVENUES														
Sales of Goods and Services														
Connection Fees	425,000	900,000	425,000	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	\$ 900,000	\$ 425,000	\$ 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	50,000	85,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
TOTAL OTHER	\$ 50,000	\$ 85,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 750,000
TOTAL REVENUES	\$ 475,000	\$ 985,000	\$ 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	\$ 321,100	\$ 321,100	\$ 317,000	\$ 322,400	\$ 316,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 955,900
Fiscal Agent Fees	300	300	300	300	300	-	-	-	-	-	-	-	-	900
TOTAL DEBT SERVICE	\$ 321,400	\$ 321,400	\$ 317,300	\$ 322,700	\$ 316,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 956,800
CAPITAL OUTLAY														
Utility Master Plan	\$ 90,000	\$ 103,300	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
New Well	-	-	-	-	-	-	-	1,750,000	-	-	-	-	-	1,750,000
TOTAL CAPITAL OUTLAY	\$ 90,000	\$ 103,300	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,790,000
TOTAL W&S CAPACITY FUND EXPENSES	\$ 411,400	\$ 424,700	\$ 357,300	\$ 322,700	\$ 316,800	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,746,800
NET INCREASE (DECREASE)	\$ 63,600	\$ 560,300	\$ 142,700	\$ 177,300	\$ 183,200	\$ 500,000	\$ 500,000	\$ (1,250,000)	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,253,200	
Ending Fund Balance	\$ 4,308,100	\$ 4,804,800	\$ 4,947,500	\$ 5,124,800	\$ 5,308,000	\$ 5,808,000	\$ 6,308,000	\$ 5,058,000	\$ 5,558,000	\$ 6,058,000	\$ 6,558,000	\$ 7,058,000	\$ 7,058,000	

Connection Fees

FY18/19 Budget		\$ 425,000	
FY18/19 Projected		\$ 900,000	
<hr/>			
FY19/20	\$ 425,000	FY24/25	\$ 425,000
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

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

FY18/19 Budget		\$ 50,000	
FY18/19 Projected		\$ 85,000	
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FY19/20	\$ 75,000	FY24/25	\$ 75,000
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

Revenue Description

These amounts represent the interest earned each year on invested Water & Sewer Capacity funds

Debt Service

FY18/19 Budget		\$ 321,400	
FY18/19 Projected		\$ 321,400	
FY19/20	\$ 317,300	FY24/25	\$ 0
FY20/21	\$ 322,700	FY25/26	\$ 0
FY21/22	\$ 316,800	FY26/27	\$ 0
FY22/23	\$ 0	FY27/28	\$ 0
FY23/24	\$ 0	FY28/29	\$ 0



FY18/19 Status Update

FY18/19 Payments were funded as required per Bond Ordinance.

FY19/20 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. Also included in the above figures are the fiscal agent fees that are required to insure timely payment to bond holders.

Payment Date	Principal	Interest	Total	Annual Debt Payment
6/1/2019		\$ 16,001.25	\$ 16,001.25	
12/1/2019	\$ 285,000.00	\$ 16,001.25	\$ 301,001.25	\$ 317,002.50
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

Utility Capacity Fund - Master Plans

FY18/19 Budget		\$ 90,000	
FY18/19 Projected		\$ 103,300	
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FY19/20	\$ 40,000	FY24/25	\$ 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



FY18/19 Status Update

In 2016, the NPDES permit for the Southside Wastewater Treatment Plant was up for renewal and Special Conditions 16 and 17 were added requiring the development of a Phosphorus Discharge Optimization Plan and a Phosphorus Removal Feasibility Study. Based upon a recommendation by City staff, a contract was approved for professional Engineering Services to Baxter & Woodman, Inc., to prepare both documents in a fashion that will result in compliance with the Illinois EPA. Some of the information for the plan and study are generated from the City’s Sanitary Sewer Master Plan but that document needed updating in order for the information to be useful. As a result, the City Council also approved a contract for Baxter & Woodman to update the City’s Sanitary Sewer Master Plan. The completion of these reports ran into FY18/19. As a result some costs for the development of these plans were paid out in FY18/19 resulting in expenditures that are greater than the budgeted amount.

In FY18/19 the City Council hired Baxter & Woodman to update the City’s Water Master Plan for an amount not-to-exceed \$80,800. It is likely that some of the costs to complete this report will carry over into FY19/20.

FY19/20 Project Information

The City awarded a contract to Consulting Engineers Baxter & Woodman in FY18/19 to update the City’s Water Master Plan. Even though they began work immediately, it will take more than one fiscal year to complete. The \$40,000 expenditure in FY19/20 is for payments to complete the project that was awarded one year earlier.

Utility Capacity – New Drinking Water Well

FY18/19 Budget		\$ 0	
FY18/19 Projected		\$ 0	
<hr/>			
FY19/20	\$ 0	FY24/25	\$ 1,750,000
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 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. While this is not a given, it is prudent to include the cost for drilling a new well in the future should this trend continue or should there be a need for an additional well because of growth in the community. Estimated costs to drill a new well, install pump equipment, and provide electrical power total \$750,000. If drilling the new well in close proximity to an existing well is not feasible, costs could increase because of the need to install a water line to the Seminary plant, on or around FY24/25, if not sooner.