



City of Worthington, Ohio

2020-2024 Capital Improvements Program

Proposed October 7, 2019



Table of Contents

	<u>Page</u>
Definition of Capital Improvements/Expenditures	2
Capital Improvements Program Development Process	2
Proposed Capital Improvements Program Overview	3
City Council Priorities	7
Uncertainties	8
Capital Improvements Program Funding Sources	9
Capital Improvements Fund Revenue, Expenditures & Fund Balance	10
Categories of Projects	13
Capital Improvements Program Comparisons	14
Existing and Anticipated Debt	16
Capital Improvements Program - Projects	18
Capital Improvements Program – Equipment	30
CIP Fund Cash Flow	48

Definition of Capital Improvements/Expenditures

The five-year proposed Capital Improvement Program (CIP) for 2020-2024 presents the City's plan for infrastructure development and improvements. The CIP is evaluated annually to ensure funding and to update the project and equipment needs and costs of the City.

The CIP identifies the City's intended capital expenditures. The City defines capital items as:

1. New construction projects and buildings valued in excess of \$5,000.
2. Major equipment and vehicles valued in excess of \$2,500 and with a life expectancy of five years or more. Where a number of non-expendable items were in excess of \$2,500, they are included.
3. All projects requiring borrowing.
4. All land purchases regardless of value.
5. All land improvements valued in excess of \$5,000.
6. Major equipment valued at \$2,500 or more required to furnish new buildings or other projects.
7. Major building improvements that are not routine expenses and that substantially enhance the value of the structure.
8. All projects which, while maintenance and/or repair in nature, prolong the life of public facilities.

Capital Improvements Program Development Process

The Capital Improvements Program is developed over several months. The process starts in July with a City Council discussion about priorities and objectives for the capital improvements program. City staff incorporate information about revenue trends and pressures on expenditures as background for the discussion. In August, staff in City departments and divisions submit requests for funding for projects and equipment. They review the most recently approved CIP and update the information in the remaining years. They consider City Council's identified priorities and look toward adopted plans such as the Bicycle & Pedestrian Master Plan, Parks & Recreation Master Plan and the Wilson Bridge Corridor Enhancement Plan, to determine funding requests. They interact with the various City advisory boards and commissions, such as the Bicycle and

Pedestrian Advisory Board and the Parks and Recreation Commission, to hear and consider their recommendations. Staff also evaluate the condition of the City's existing infrastructure such as buildings, streets, sewers and water lines and request funding for ongoing maintenance needs. The Fleet Division evaluates the City's vehicles and equipment and submits prioritized recommendations for replacement of items such as dump trucks, fire engines, medic vehicles, police cars and recreation buses. In September and early October, the submittals are evaluated and totaled to compare with revenue projections. Inevitably, the requested amounts exceed the funds available and items must be delayed, reduced or eliminated in order to submit a financially supportable program. The proposed CIP is submitted for City Council consideration in October and adoption by City Council in December.

Proposed Capital Improvements Program Overview

Financial Constraints

The proposed 2020-2024 CIP is very constrained financially. The CIP's predominant funding source, income tax revenue, is projected to be flat from 2019 to 2020, while costs for construction and equipment are experiencing inflationary increases. Additionally, there are several critical projects that are new to this year's CIP. The largest of these are a new roof and HVAC and other improvements to the Police Building to address indoor air quality issues that have been identified. The revenue and expenditure constraints are not limited only to 2020. Income tax revenue projections in the proposed CIP anticipate the former Anthem Building will be occupied and generating income tax revenue for the City by 2021. Even with this increase to income tax revenue, expenditure requests outpace revenue.

Initial requests for projects and equipment significantly exceeded the funding available. Across the five years, requests for funding exceeded the incoming revenue by \$5,500,000. The greatest deficit in any given year from the submittals was in 2020 where requested expenditures exceeded revenue by more than \$2,700,000. In order to bring expenditures in line with revenues, some items were moved to bonding, increasing the City's debt. Other items were either reduced in amount, delayed to later years in the proposed CIP or not funded.

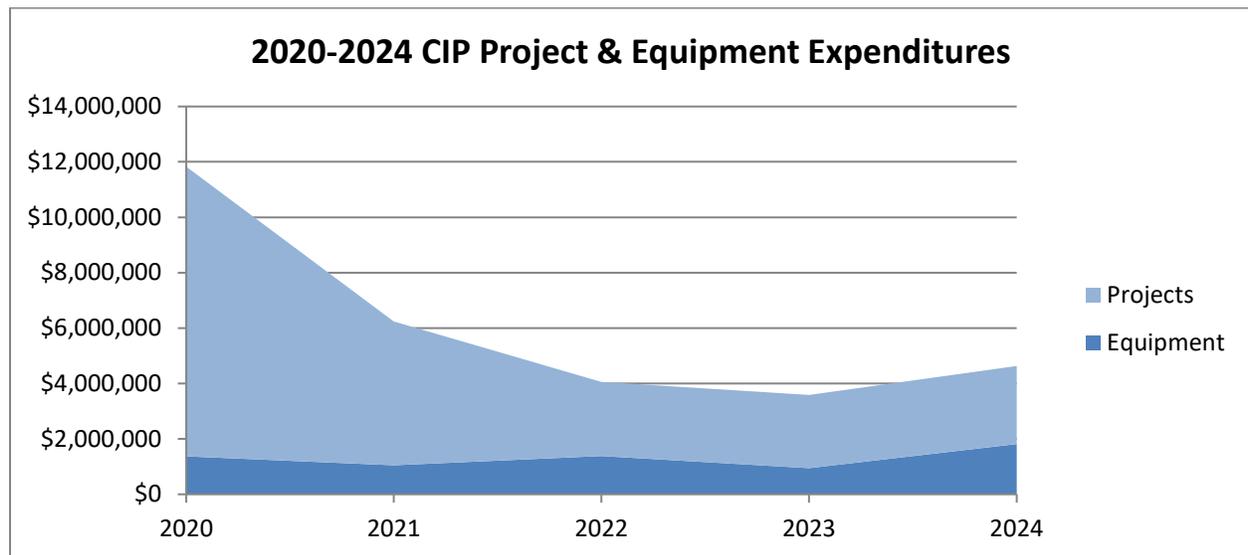
In order to accommodate the projects and equipment purchases that needed to be completed, many items included in the 2019-2023 CIP were moved to later years. Except for equipment that had to remain in the year it was previously scheduled because of serious reliability concerns and a few critical ongoing annual purchases, equipment purchases are being delayed by a year or two across all departments. Projects designed to address the aesthetics of City building, such as paint and carpet at the Community Center, are being delayed by two years. Playground replacements which were previously scheduled to occur each year are stretched out to occur every other year. These delays are expected to result in City facilities and equipment that show the wear of active use.

Worthington is a built-out, historic community which leads to a CIP in which the City’s capital investments are primarily focused on maintaining the existing infrastructure. The proposed CIP includes a number of ongoing programs and individual projects that renovate and repair the City’s streets, buildings, parks and other infrastructure. The focus on maintenance of existing infrastructure is particularly true in this proposed CIP given the tight financial constraints. The CIP seeks to address the immediate needs of the City’s current infrastructure which doesn’t leave much funding for discretionary spending. The discretionary spending that is included is tied to the City Council’s established priorities, which are described later in this document.

Even with the revisions made to the submittals, this proposed CIP reflects a deficit in the first two years with expenditures exceeding revenues and utilizing the fund balance to make up the difference. The proposed CIP is funded largely by income tax revenues which are projected to increase only .003% in 2020 over 2019 revenues. The proposed CIP does not meet the target used by the City for the fund balance in this five-year window. Additional discussion of the fund balance is included later in this document.

Project & Equipment Expenditures

The proposed 2020-2024 CIP expenditures, taking into account all funding sources, reflect higher than typical project expenses in 2020 and 2021. The increase in project expenditures is due to the construction of the Kenyonbrook Trunk Sanitary Sewer project, additional sewer repair and rehabilitation, significant investment in the Police Building HVAC systems and roof, McCord Park renovations and investments in energy efficiency in the City buildings that have not yet received upgrades. There is a slight increase in the amount included for equipment in 2024 due primarily to the planned purchase of a fire engine. The later years in the proposed CIP are likely to change as we get closer to the timeframe and more is known about necessary and desired investments.



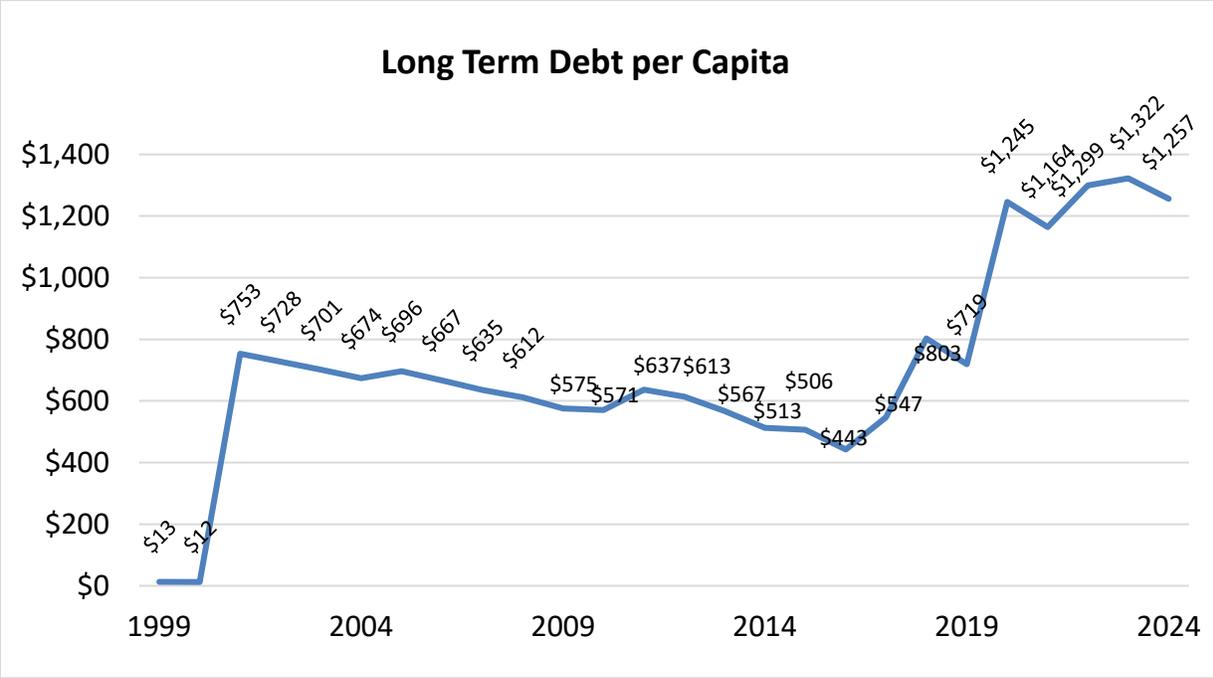
The City has a number of buildings that need investment due to their age. The proposed CIP includes HVAC improvements and a roof project at the Police Building, window replacement at the Griswold Center, repair or replacement of the windows and doors at the Municipal Building, and renovation of bathroom and shower facilities at the Fire Station. Given the active public use of the Community Center, there are a number of maintenance projects in the proposed 2020-2024 CIP for that building.

A significant portion of the City's annual project expenditures are dedicated to street maintenance. Funding for the Street and Sidewalk Improvement Program has remained flat for many years. Beginning in 2017, the Service & Engineering Department began focusing a portion of these funds toward preventative maintenance strategies other than overlay to extend pavement life cycles and thus stretch dollars further. Base management practices include microsurfacing, surface rejuvenation and greater utilization of crack seal to extend pavement lifecycles. The benefits of preventative maintenance take several years to be fully recognized. Staff have begun using an analytical tool known as Pavement Surface Evaluation Rating (PASER) to evaluate the benefits of the preventative maintenance and effectively apply the practices. Appropriate practices will ultimately be applied to all Worthington streets and the program will be expanded with additional practices based on the PASER evaluations and as the staff become adept at the application of the measures. Note that maintenance of arterial streets is funded separately given the larger dollar costs associated with maintaining these wider, multi-lane streets.

Debt

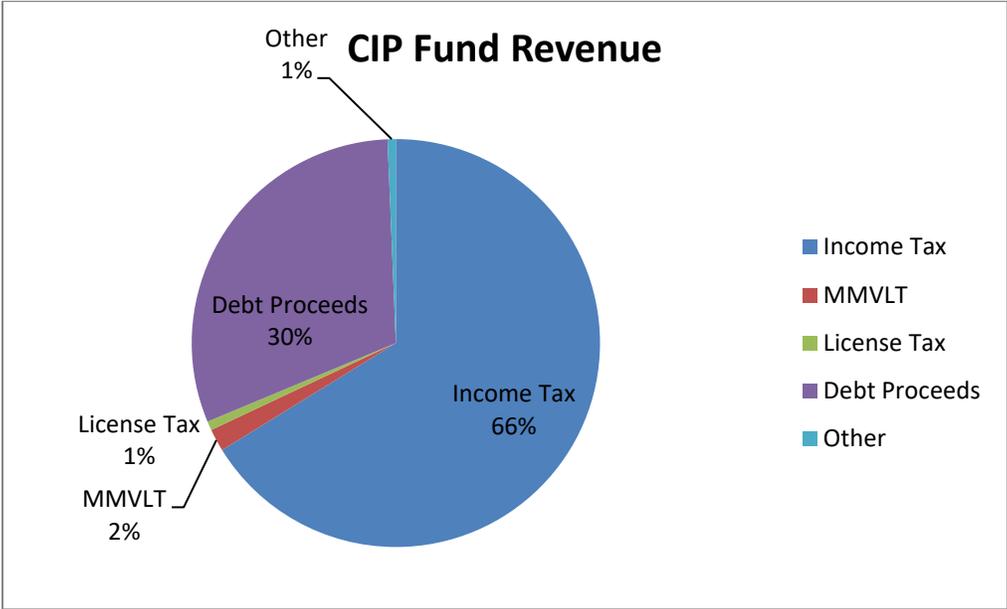
The City will make the final payment on the debt associated with the Community Center expansion and the renovations of the Police Building in 2021. In addition, the City is utilizing debt to fund a number of more expensive projects, most notably the mandated sewer projects associated with a Consent Order with the Ohio Environmental Protection Agency, investments in the Police Building HVAC and roof, renovations to McCord Park and energy conservation measures in City buildings. The City is evaluating waterlines and plans to begin a new program investing in old waterlines which is expected to be funded using bonds. The combination of these debt commitments is resulting in an increase in the amount of CIP resources dedicated to debt payments. The old debt is being replaced with new debt.

An analysis of the City's long-term debt over the past 20 years indicates the City's amount of debt is increasing. Prior to 2000, the City held very little debt. In the early 2000s, the City issued debt to expand the Community Center and renovate an office building for use by the Division of Police. The final payments on that debt will be made in 2021. That debt is being replaced with debt the City has issued in recent years and additional debt projected to be issued in the five years of this proposed CIP. The following chart shows the City's long-term debt per capita for the past 20 years and for the five years included in this CIP. A detailed listing of the City's current and projected debt is included in the Existing and Anticipated Debt section later in this document.



Revenue

The City plans to issue municipal bonds in 2020 to convert 2019 bond anticipation notes to long-term financing and to obtain the revenue needed to execute the projects scheduled for bonding in 2020 in the proposed CIP. Income taxes make up 66% of the CIP Fund revenue in this five-year period with debt proceeds making up 30%. Each of the other revenue sources in the CIP Fund are 2% or less of revenue. These funding sources are more fully explained in a later section.



City Council Priorities

City Council has previously designated priority areas for investment in the CIP. Each of these areas, listed in priority order, is considered below. (Note: The numbering used below is intentional due to ties in the prioritization.)

1. Wilson Bridge Road

The proposed CIP includes arterial improvements for West Wilson Bridge Road in 2023 and improvements to McCord Park in 2020. The McCord Park improvements will implement the recommendations from the conceptual plan approved by City Council. The McCord Park improvements are not fully funded, and additional funds will need to be pursued from external sources such as State Capital funding or grant funding.

2. Age Friendly

A committee of community partners, supported by City staff, have collected information on age friendly initiatives in other communities and summarized current services offered in Worthington. To this point, this work has not resulted in requests for the CIP. The proposed CIP includes investment in the Griswold Center (replacement of windows in 2021 and new fitness equipment in 2023) which will improve the condition of the building and equipment that provide support for programs and services for older adults.

3. McCord Park

As noted above, funding has been included to implement the conceptual plan for McCord Park. There is \$1,800,000 included in 2020 and additional funds will need to be identified from external sources to fully fund the recommended improvements.

4. Updated Office Buildings

City initiatives related to encouraging improvements to privately owned office buildings in Worthington are funded via the operating budget.

4. Energy Efficiency

In 2018, the City's buildings were evaluated for energy improvements that could be made to enhance energy efficiency. The first round of these improvements was

installed in 2018 in the Community Center and Griswold Center. The Police Building improvements are planned in the proposed CIP for 2020. The proposed CIP includes funding for the recommended improvements in the remaining city buildings (Municipal Building, Fire Station, Planning & Building Facility, Service & Engineering Building, Parks Maintenance Building, McConnell Arts Center) in 2021.

6. Bike/Ped Implementation

An annual allocation for bike and pedestrian improvements is included in the proposed CIP. The allocation is \$100,000 in 2020 and 2021 and increases to \$250,000 in the final three years of the CIP.

6. Electric Vehicle Charging

The City received a grant from AEP Ohio to install two electric vehicle charging stations, one in Old Worthington and one at the Community Center. These expenses are reflected in 2019's operating expenditures.

Uncertainties

There are several items that could financially impact the 2020-2024 CIP that were not included due to incomplete information. These items are described below.

1. *Short Term Financing Costs for the Federal Funds for the Northeast Gateway Project* – The Northeast Gateway project is a large transportation project that involves Federal, State and City funding for construction. Construction is scheduled to begin in late 2019. The State and City funds will be available at that time, but the Federal funds are not anticipated to be available until 2023-26. This will result in the need for the City to obtain gap financing through a State Infrastructure Bank (SIB) loan so the funds are available for construction. The Federal funds would be used to pay off the SIB loan. The City has applied for a SIB loan in the amount of \$4,500,000 at 3% interest. The City expects to be responsible for some, and perhaps all, of the interest during the timeframe of the loan. The City is in conversations with the Mid Ohio Regional Planning Commission as to whether they have funds available to cover a portion of the interest costs for the SIB financing. The proposed CIP includes interest costs associated with the City's share of the project, which is scheduled for bonding, but does not include short-term financing costs associated with the SIB loan. The total interest costs associated with the SIB loan are projected to be up to \$362,000.

2. *Potential Funding Request from SwimInc* – SwimInc, the not for profit organization that runs Worthington Pool, has completed an assessment of their swim facilities that resulted in recommendations for significant investment and renovation. SwimInc and representatives from the City and Worthington Schools are discussing the need for investing in the swim facilities and options for ensuring continued viability of these important aquatic assets. No funding is currently allocated in the proposed CIP, but it is likely that a combination of grant and loan funding will be requested.
3. *McCord Park Funding* – The proposed CIP reflects \$1,800,000 in City funding for this project; however, the recommended improvements are estimated to require \$1,000,000 more in funding. Other funding sources such as State Capital funding and/or grants will need to be evaluated to make up this gap or the project will need to be scaled back to fit within available funding.
4. *Recommendations from Assessments of Water Lines and Traffic Signals* – The 2019 Operating Budget included funding for assessments of water lines and traffic signals. The CIP includes a small amount of bond funding for water lines and a small bi-annual allocation for traffic signal maintenance. When completed, the assessments may identify necessary improvements that do not fit within the current funding.

Capital Improvements Program Funding Sources

CIP Fund/Income Tax - The primary funding source for the City's CIP is income tax revenue. The City levies a 2.5% income tax. Twenty percent (20%) of the revenue collected from the income tax is allocated to the CIP and placed in the CIP Fund. Annual income tax revenue for the CIP Fund is projected to range from \$5,218,000 to \$5,842,754 for 2020-2024.

Bonds/Notes (Debt Proceeds) – The City can issue municipal bonds to finance capital infrastructure and equipment. The 2020-2024 CIP anticipates the issuance of bonds to fund sanitary sewer projects, improvements to the Police Building, enhancement to Huntley Bowl Park to modify the stormwater control structure, waterline improvements, energy conservation improvements to City buildings, McCord Park Renovations and the purchase of a fire engine. The City may issue bond anticipation notes for short term financing until the timing is right for a municipal bond issuance.

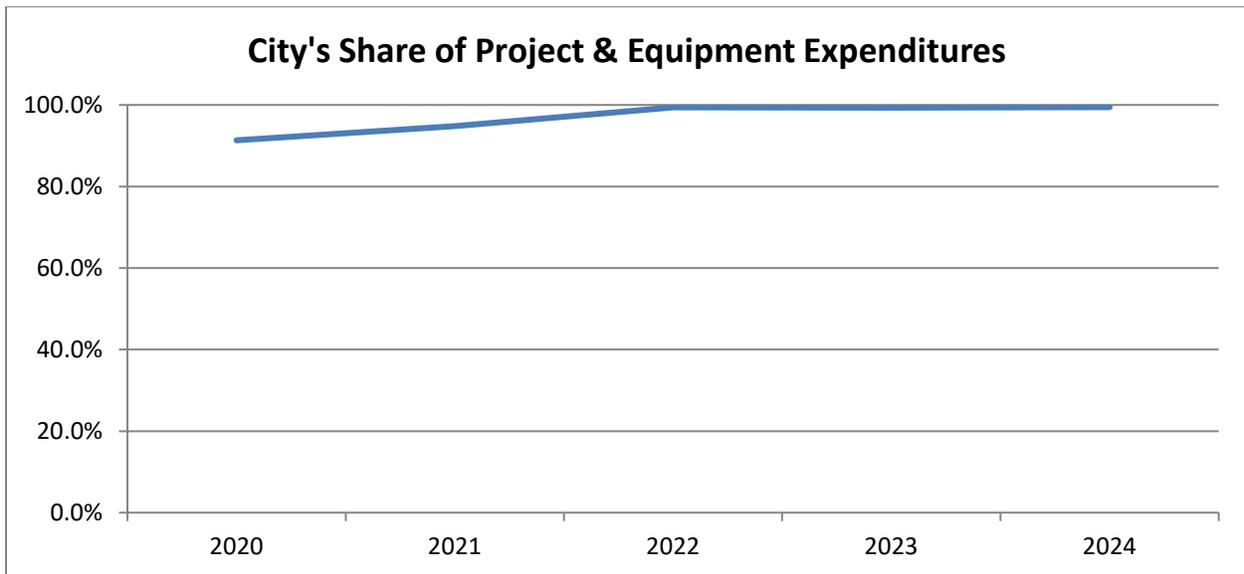
Assessments – The City utilizes special assessments to charge property owners for work that benefits their property. The 2020-2024 CIP anticipates assessments for sidewalk repairs that occur in conjunction with the City's annual street and sidewalk improvement program.

MMVLT - The Municipal Motor Vehicle License Tax (MMVLT) is a tax on vehicle license plates and is used to partially fund street resurfacing through the annual street and sidewalk improvement program.

License Tax – The County receives funds from a tax on license plates and makes them available for repairs to major arterial roads that are not designated as State routes. The City requests these funds for specific road projects. The 2020-2024 CIP utilizes these funds for resurfacing of a small portion of Huntley Road and Schrock Road.

Other – At times, the City is successful in obtaining funding from other sources. The 2020-2024 CIP anticipates grant funding for McCord Park renovations and tax increment financing payments for paver renovations in Old Worthington.

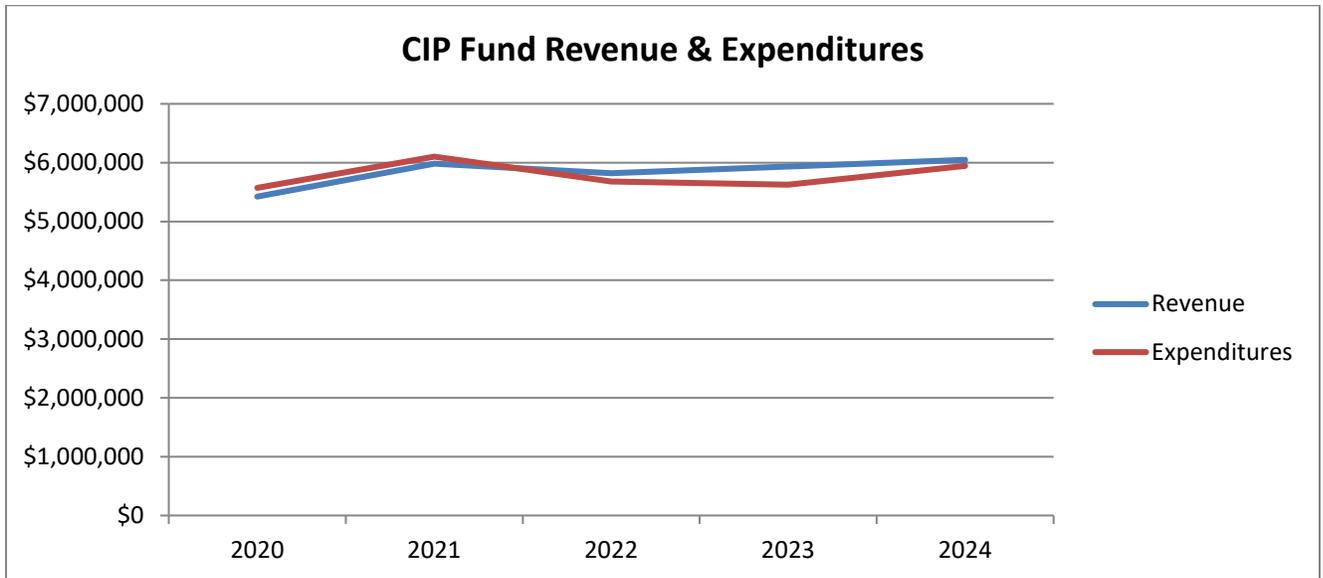
The revenue used to fund the expenditures in the 2020-2024 CIP can be evaluated to determine the amount from City sources and the amount from other sources. The City sources in the CIP are the CIP Fund/income tax, bonds, MMVLT and some of the “Other” revenue. Non-City sources in the CIP are assessments, license tax, and some of the “Other” revenue. The City sources share is typically 90% or higher.



Capital Improvements Fund Revenue, Expenditures & Fund Balance

The CIP Fund is the primary funding source for the City’s financial share of the CIP. It receives the income tax revenue that is allocated for capital improvements along with revenue from the Municipal Motor Vehicle License Tax (MMVLT). The Fund also reflects debt proceeds when the City anticipates the issuance of bonds, license tax revenue when it anticipates reimbursement from County license tax funding and grant funds when it anticipates receipt of a grant that will reimburse

the City. When excluding revenue and expenditures associated with bonded projects and equipment, the 2020-2024 CIP Fund has expenditures exceeding revenue in 2020 and 2021, and revenue higher than expenditures in the final three years.



The CIP Fund has four categories of expenditures:

1. **Projects** - Projects involve investments in capital infrastructure of the City such as streets, sewers, buildings and parks. Some large projects are funded via municipal bonds, while other projects are paid from the City’s cash on hand. The total annual amount allocated in the CIP Fund for all projects ranges from \$2,641,000 to \$9,443,000. Excluding projects scheduled for bonding, the annual amount allocated for projects ranges from \$2,141,500 to \$2,737,000.

2. **Equipment** – Most of the equipment investment that occurs in the CIP involves the replacement of existing City-owned equipment such as dump trucks, fire and emergency medical vehicles, recreation buses, police cars, administrative vehicles, and backhoes. Occasionally, the CIP will include the purchase of new equipment that is being added to the City’s inventory. This is typically information technology equipment. In the 2020-2024 CIP, the annual amount in the CIP Fund allocated for all equipment ranges from \$941,900 to \$1,813,100. Excluding equipment scheduled for bonding, the annual amount allocated for equipment ranges from \$941,900 to \$1,381,600.

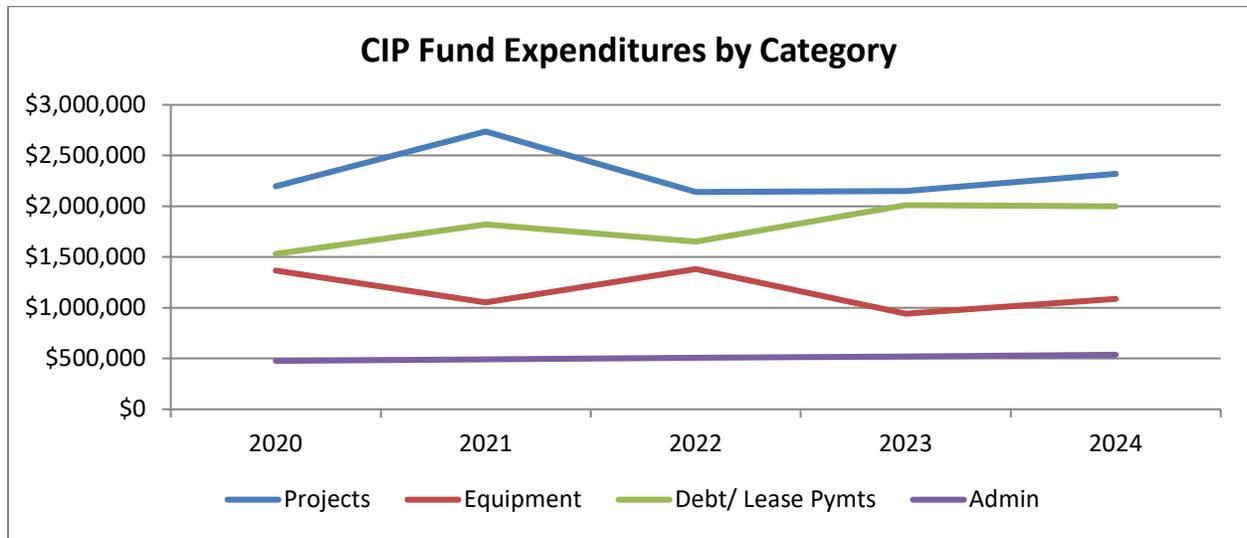
3. **Debt payments** – The City sometimes finances capital items through loans or the issuance of temporary/bond anticipation notes or municipal bonds. Additionally, the City sometimes acquires large pieces of equipment via leases. The annual debt and lease

payments are paid out of the CIP Fund. These annual payments in the 2020-2024 CIP range from \$1,531,077 to \$2,011,077.

- 4. Administration - There are various administrative costs associated with the projects and equipment purchases in the CIP. These costs are associated with collecting the revenue, insurance and legal services. These administrative costs range from \$477,000 to \$537,000 in the 2020-2024 CIP.

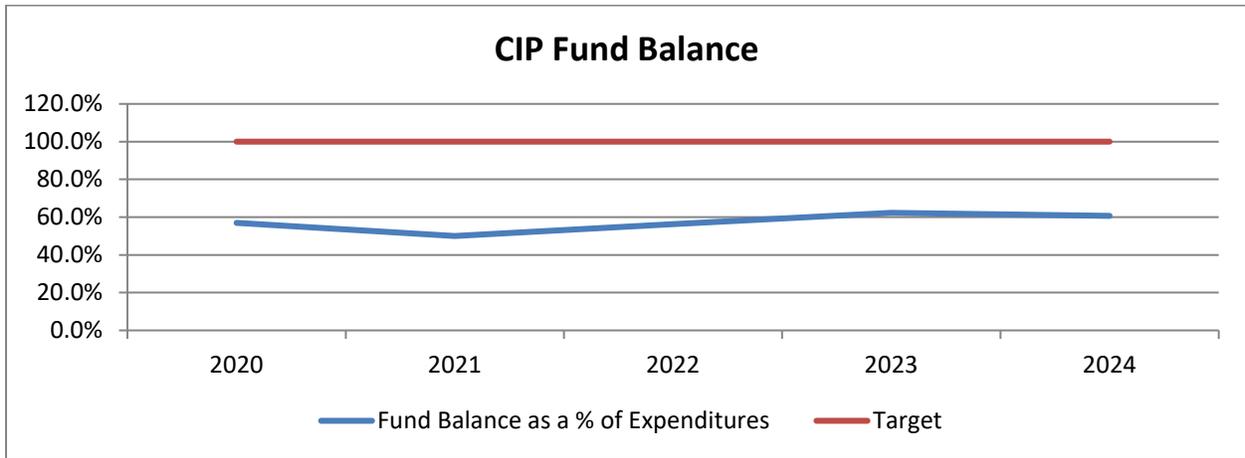
When excluding projects to be bonded, project expenditures are higher in 2021, due primarily to arterial improvements and repair or replacement of windows and doors in the Municipal Building. The exclusion of bonded projects level out the expenditures since the largest projects funded by the City are typically bonded.

The City's debt service payments trend upward due to new debt scheduled for issuance in 2020 and 2022. The new payments are partially offset in 2022 by the conclusion of payments on the debt issued for the Community Center expansion and renovation of the Police Building.



The fund balance is the amount of money left in the fund after the revenue has been received and the expenditures have been paid. Traditionally, the City's goal is to maintain a projected CIP Fund balance at the end of each year approximately equal to the amount of projected expenditures for that year. Since income tax revenues flow into the CIP Fund throughout the year, this practice ensures there is adequate cash in the fund to proceed with the projects and equipment purchases at any time during the year and it limits the temporary financing needed by the City for items scheduled to be bonded. It also allows the City to pursue opportunities that arise regarding new capital investments and enables the City to respond to unanticipated needs such as when a culvert collapsed on McCoy Avenue several years ago. Excluding the new bond revenue and the cost of new bonded projects, the fund balance target is not met in any year of the CIP due to the demands

placed on the program. This is a situation that will need to be monitored to determine if the lower fund balance amounts are sufficient to support the adopted program. The City is more able to meet cash flow demands of the CIP with a lower fund balance when the City’s General Fund Balance meets or exceeds the City Council’s policy of at least 35% of General Fund expenditures.



Categories of Projects

The City has five categories of projects to assist with determining the importance of each one.

Legal Mandates – This category includes projects the City is legally mandated to complete. The 2020-2024 CIP includes a number of sanitary sewer projects that are mandated by a Consent Order between the Ohio Environmental Protection Agency and the City, and a project for grit pad installation and service yard improvements which are required to comply with stormwater quality regulations.

Essential for Basic Services – This category includes projects that must be completed in order to continue to provide the level of basic services that has historically been provided by the City. The 2020-2024 projects in this category maintain existing infrastructure of the City such as streets, sidewalks and buildings.

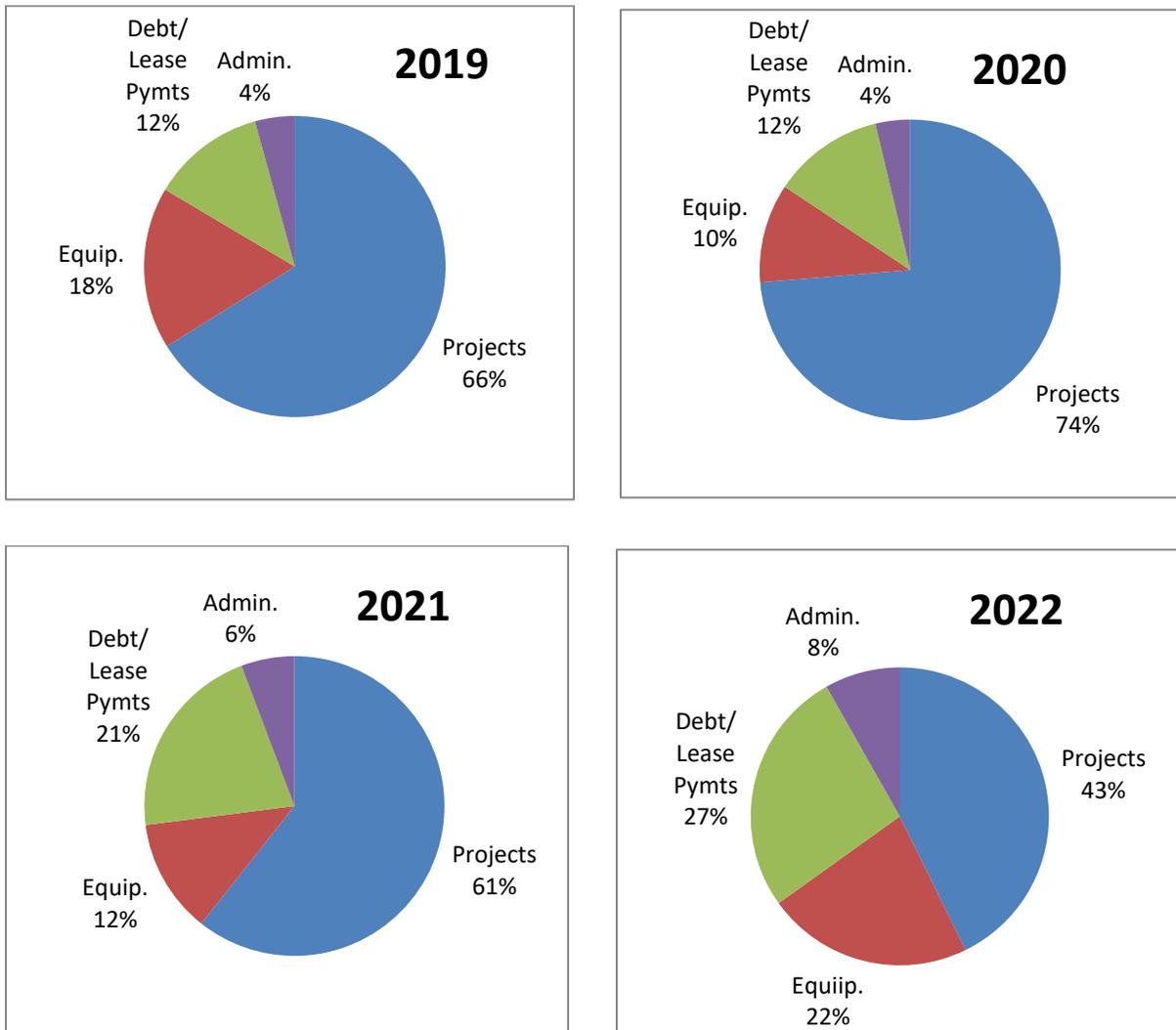
Improvement to Basic Services – This category includes projects that enhance an existing service offered by the City. The 2020-2024 projects in this category primarily include renovations to parks and playgrounds, energy conservation improvements in City buildings and other improvements to City buildings

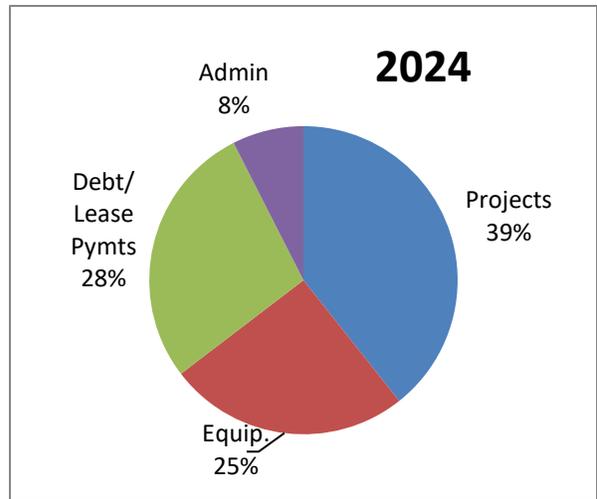
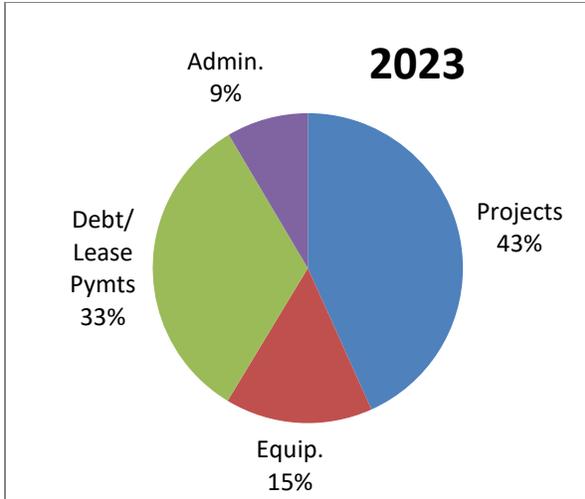
Enhancement / Discretionary – This category includes projects that provide something new that has not been historically provided by the City. The 2020-2024 projects in this category include enhancements to the bike and pedestrian improvements and wayfinding signage.

Capital Improvements Program Comparisons

The City’s allocation of expenditures from the CIP Fund across the four categories of projects, equipment, debt service and administration varies from year to year depending on identified needs. The following charts show the percent of expenditures allocated to each area by year, including a comparison with 2019. Under the proposed CIP, the amount spent on projects is notably higher in 2020 and 2021 than in the other three years. This is due primarily to the Kenyonbrook Trunk Sewer project in 2020, additional sanitary sewer improvements in 2020 and 2021, significant investments in the Police Building in 2020, McCord Park renovations in 2020 and the energy conservation improvements for City buildings in 2021. Debt service as a percentage of expenditures increases significantly throughout the five years of the proposed CIP due to bond issuances planned for 2020 and 2022.

CIP Fund Categories of Expenditures

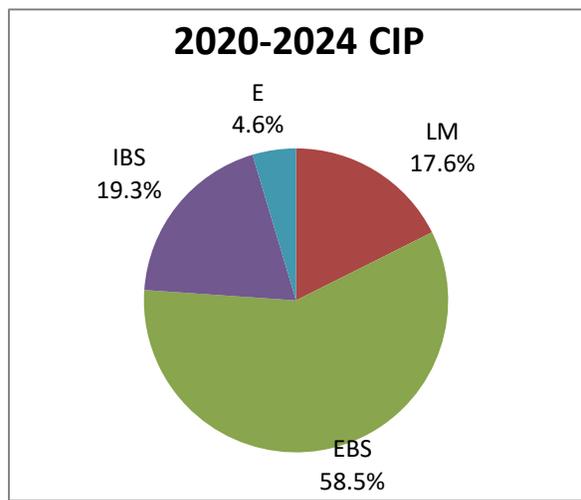
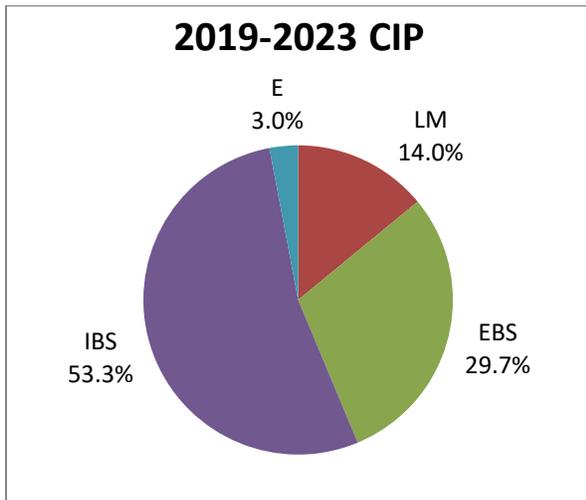




The charts above include all expenditures in the CIP. When bonded projects and equipment are excluded, expenditures for projects in the proposed CIP equal 38-39% of CIP expenditures, with a higher amount of 45% in 2021; expenditures for equipment equal 17-18%, with higher amounts of 25% in 2020 and 24% in 2022; and expenditures for debt payments increase through the five year timeframe from 27% in 2020 to 34% in 2024. Administration expenditures are 8-9%.

The type of projects in each year across all funding sources is compared in the following charts. The projects are grouped into the categories of Legal Mandates (LM), Essential for Basic Services (EBS), Improvements to Basic Services (IBS), Enhancement / Discretionary (E), and Assessment Projects (AP). These categories are explained in the previous section. The 2020-2024 CIP does not have any projects in the category of Assessment Projects.

Types of Projects



Existing and Anticipated Debt

The City's proposed 2020-2024 CIP includes annual debt, loan and lease payments ranging from \$1,531,077 to \$2,001,077. This is a combination of payments on existing debt and payments on anticipated debt.

The City's existing debt obligation consists of the following breakdown:

2015 Refunding Bonds for the Police Division and Community Center Improvements

Interest: 1.62%

Original Issuance: \$4,590,000

Remaining Principal as of 1/1/2020: \$1,550,000

Principal Payment due in 2020: \$770,000

Interest Payment due in 2020: \$25,110

Date of Maturity: December 2021

20 Year Loan from the Ohio Public Works Commission for ADA Ramps at Intersections

Interest: 0%

Original Issuance: \$156,201

Remaining Principal as of 1/1/2020: \$66,385.31

Annual Payments: \$7,810.06

Date of Maturity: December 2028

30 Year Loan from the Ohio Public Works Commission for Kenyonbrook Sanitary Sewer

Interest: 0%

Original Issuance: \$612,816

Remaining Principal as of 1/1/2020: \$520,892.76

Annual Payments: \$20,428

Date of Maturity: December 2045

2017 Various Purpose Bonds for Northeast Gateway Design, Sanitary Sewer Repairs & Bond Anticipation Note Repayment

Interest: 2.21%

Original Issuance: \$3,960,000

Remaining Principal as of 1/1/2020: \$3,295,000

Principal Payment due in 2020: \$235,000

Interest Payment due in 2020: \$72,820

Date of Maturity: December 2031

The City issued a Bond Anticipation Note in September 2019 to pay off a Bond Anticipation Note issued in September 2018 in the amount of \$4,460,000. The new Bond Anticipate Note is in the amount of \$4,290,000 with a net interest cost of 1.37%. The projects included in the Note were the East Wilson Bridge Road waterline, Fire Station roof, Community Center south end roof, improvements to Northbrook Sewer, Kenyonbrook and Hardy Way sewer design and energy conservation improvements at the Community Center and Griswold Center.

The Northeast Gateway project will continue to move forward with construction in 2020. This project is not reflected in this year’s CIP as it was listed for 2019 even though it is a multi-year project. The City will have two forms of debt related to this project. As noted in the Uncertainties section above, the City has applied for a loan in the amount of \$4,500,000 from the State Infrastructure Bank (SIB) with an anticipated loan period of four to five years until it can be paid off using federal transportation funds. The SIB charges an interest rate of 3.0% and the City expects to be responsible for some, and perhaps all, of the interest during the timeframe of the loan.

The second form of debt related to the Northeast Gateway project is for the City’s share of the cost of the project. The project’s funding comes from a combination of federal, state and local (City) funding sources. The City’s local share will be included in the anticipated bond issuance in 2020 and is currently projected to be \$1,700,000.

There are two CIP items scheduled for 2019 which will be debt-financed. The City purchased new public safety and other City radios in 2019 at a total cost of \$514,053. These were leased and the annual payment of \$92,388 is included in the Administration expenditures in the proposed CIP. The 2019 project involving Rush Run Stream Restoration in advance of the Northeast Gateway Project is also being debt-financed and will be included in the 2020 bond issuance shown in the proposed CIP. The project cost is \$537,155.

The 2020-2024 CIP includes additional debt for the following projects:

Kenyonbrook Trunk Sewer Improvements	\$2,100,000
Sanitary Sewer Repairs & Rehabilitation	\$2,000,000
Police Building HVAC	\$1,500,000
Police Building Roof	\$425,000
Rush Run Stream – Huntley Bowl Improvements	\$420,000
McCord Park Renovations	\$1,800,000
Waterline Improvements	\$2,000,000
City Buildings Energy Conservation Improvements	\$955,000
Fire Engine Rescue	\$725,000

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
Year: 2020							
Kenyonbrook Trunk Sewer Improvement (construction)	S&E	LM		\$2,100,000			\$2,100,000
<i>Change: Moved from 2019</i>							
Replacement of Kenyonbrook sewer from High St to New England Ave. This section of sewer was identified in the 2011 Southeast sewer study as needing replaced and rehabilitated. Cost estimate includes a pump station, design and construction.							
Sanitary Sewer Repair & Rehabilitation	S&E	LM		\$1,000,000			\$1,000,000
<i>Change: Formerly labeled as North Districts Sanitary Sewer Improvements; combined with Sanitary Sewer Repairs & Linings previously listed in CIP</i>							
Design, repair, rehabilitation and/or replacement of sanitary sewer infrastructure.							
Arterial Pavement Preservation	S&E	EBS	\$185,000				\$185,000
<i>Change: Name change from Arterial Microsurfacing; cost increased from \$175,000</i>							
As part of the City's maintenance of arterial roadways, this project performs microsurfacing on Linworth Road, south corporation limit to Snouffer; and Snouffer, from Linworth Road to Linbrook.							
Building Improvement Program	S&E	EBS	\$200,000				\$200,000
<i>Change: None</i>							
Annual project consisting of improvements needed to maintain the City buildings in good condition. As an ongoing project, buildings are evaluated annually and repairs are prioritized based on available funding. The Community Center is not included due to its intense public use, larger scale and specialization of projects. A detailed listing of projects will be completed based on an assessment of the City's buildings. Larger building improvement needs are included as separate CIP projects.							
CBD Paver Renovation	S&E	EBS				\$20,000	\$20,000
<i>Change: None</i>							
This is a phased project over four years (this is final year) to remove, level and reset sidewalk pavers from the Village Green Drive South to South Street							
Community Center Pools Resurfacing	P&R	EBS	\$120,000				\$120,000
<i>Change: New</i>							
Resurfacing of the diamond brite on the pool walls and floor. This would be the second phase as we did the lazy river in 2019. This would address the remaining pool areas to restore our diamond brite. Over time, we are experiencing severe pitting which results in a very abrasive surface resulting in cuts on feet and rough areas on the pool walls and floor. This is the first resurfacing since the opening of the pool in 2003.							

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2020								
Community Center South End Door Replacements	P&R	EBS	\$48,000					\$48,000
<i>Change: Reduced from \$70,000</i>								
Replacement of exterior doors on the south end of the Community Center. These wood doors have reached the end of their useful life.								
Culvert Repair at Linworth Run - Design	S&E	EBS	\$25,000					\$25,000
<i>Change: New</i>								
This culvert is badly corroded. The pipe invert is no longer structurally sound. This project entails an engineering analysis, determination of appropriate remediation approach, and development of construction documents based on the selected approach.								
Fire Hydrant Replacement & Painting	S&E	EBS	\$25,000					\$25,000
<i>Change: None</i>								
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.								
Fire Station Bathroom/Shower Renovation - 2nd Floor	FD	EBS	\$100,000					\$100,000
<i>Change: New</i>								
Total rehabilitation of the main shower room on second floor to make four separate bathrooms with common locker room. This room has caused water damage to the training room/Emergency Operations Center twice in the past three years and needs to be completely renovated with new flooring to stop this from occurring. This space has not been renovated since the building was built in 1994.								
Perry Park Backflow Preventer	P&R	EBS	\$70,000					\$70,000
<i>Change: New</i>								
Due to regulations enforced by the City of Columbus, we have been directed to move our existing backflow preventer out by the meter pit at Perry Park. The project will include installing a new backflow preventer, hot box, sump pump in pit, and new electric to the location.								
Police Building HVAC & Remediation	S&E	EBS		\$1,500,000				\$1,500,000
<i>Change: New</i>								
Replacement of HVAC system, carpets, ceiling tiles, & building envelope improvements based on recommendation of Environmental Consultants								
Police Building Roof Repair	S&E	EBS		\$425,000				\$425,000
<i>Change: New</i>								
Design and repair of failing Police Station roof.								

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2020								
Rush Run Stream - Huntley Bowl Improvements	S&E	EBS		\$420,000				\$420,000
<i>Change: Increased from \$250,000; focused on improvements at Huntley Bowl Park</i>								
Excavation at the site and retrofit of the outlet control structure at Huntley Bowl Park for managing stormwater flow.								
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000			\$900,000
<i>Change: None</i>								
This project consists of improvements to various streets throughout the City based on a prioritized analysis of the City's street system. Work typically includes curb & gutter repair, asphalt overlay, asphalt patching, and miscellaneous concrete repairs. The project includes the repair of sidewalks that do not meet standards for safety and condition. Repair costs for sidewalks adjacent to private property are paid by respective property owners. Overlay or sealing of parking lots is sometimes included based on need and budget. Street and sidewalk surveys, plan and specification preparation and project administration are proposed to be performed by the Department of Service & Engineering. MMVLT revenues in the amount of \$150,000 each year are transferred into the CIP Fund to help fund this project.								
Traffic Signal Improvement Program	S&E	EBS	\$50,000					\$50,000
<i>Change: None</i>								
Bi-annual project for the replacement and updating of traffic signal equipment at various signalized intersections in the City. Improvements are prioritized by repair history, equipment obsolescence and service life.								
McCord Park Renovations	P&R	IBS		\$1,800,000			\$1,000,000	\$2,800,000
<i>Change: Dropped phasing from title; increased City's contribution from \$400,000</i>								
Implementation of the adopted conceptual plan for the renovation of McCord Park. Improvements will likely include renovation of the ball diamonds, restroom/storage facility, Wilson Bridge entrance, drives, parking areas, circular multi-use trail, multi-use sports field, playground, two shelter houses and a train observation area. The City's funding will need to be supplemented by external funding to achieve the full conceptual plan.								
Perry Park Building Electrical Upgrade	P&R	IBS	\$25,000					\$25,000
<i>Change: New</i>								
Currently the ball diamond lights are turned on by using breakers and not switches. This project installs contacts to allow the lights to be controlled with switches to improve safety and to move them out of the Worthington Youth Boosters shed which will also resolve some issues with joint access.								
Selby Park Playground Replacement	P&R	IBS	\$275,000					\$275,000
<i>Change: Increased from \$225,000</i>								
Replacement of the Selby Park Playground. The playground is 19 years old and upon recent inspections has started to show significant breaking down of various platforms and walkways on the play structure in addition to significant wear on the rubber surfacing. The playground is one of the most heavily utilized in the city.								

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2020								
Streetlight Conversion to LED	S&E	IBS	\$25,000					\$25,000
<i>Change: New</i>								
Continuation of the conversion of City-owned streetlights to LED								
Bike & Pedestrian Improvements	P&R	E	\$100,000					\$100,000
<i>Change: None</i>								
The City has been evaluating the bicycle and pedestrian needs of the community and has completed a B&P Master Plan. This annual allocation provides funding to implement recommendations of the plan.								
Community Wayfinding Signage	P&B	E	\$50,000					\$50,000
<i>Change: None</i>								
Wayfinding uses local landmarks, signage, pathways and environmental elements to help orient residents and visitors to the City of Worthington. This phased program will allow for continued implementation of the recommendations from the wayfinding study.								
2020 Total - Projects			\$2,173,000	\$7,245,000	\$25,000	\$0	\$1,020,000	\$10,463,000

Year: 2021								
Sanitary Sewer Repair & Rehabilitation	S&E	LM		\$1,000,000				\$1,000,000
<i>Change: Combined two projects (West & Industrial Districts Sewer Improvements and Sanitary Sewer Repairs & Lining); moved the Repairs & Lining from 2022</i>								
Design, repair, rehabilitation and/or replacement (by priority) of sanitary sewer infrastructure identified within all of the sanitary sewer studies.								
Arterial Improvements (Huntley Road, South of Schrock to railroad tracks; Schrock Road, East Corp to railroad tracks)	S&E	EBS	\$300,000			\$300,000		\$600,000
<i>Change: None</i>								
Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping.								
Arterial Pavement Preservation	S&E	EBS	\$195,000					\$195,000
<i>Change: Name change from Arterial Microsurfacing; cost increased from \$175,000</i>								
As part of the City's maintenance of arterial roadways, this project performs microsurfacing on Olentangy River Road, from the south corporation limit to the north corporation limit.								

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
Year: 2021							
Building Improvement Program	S&E	EBS	\$200,000				\$200,000
<i>Change: None</i>							
Annual project consisting of improvements needed to maintain the City buildings in good condition. As an ongoing project, buildings are evaluated annually and repairs are prioritized based on available funding. The Community Center is not included due to its intense public use, larger scale and specialization of projects. A detailed listing of projects will be completed based on an assessment of the City's buildings. Larger building improvement needs are included as separate CIP projects.							
Community Center Window & Door Replacements - Art, Pottery & Childcare	P&R	EBS	\$102,000				\$102,000
<i>Change: Increased from \$30,000 due to addition of some of the doors (\$22,000) that are moved from decrease to 2020 door project and the addition of the playground hallway and south lobby/entrance windows (\$47,000) which are in need of replacement; delayed from 2020</i>							
Replacement of the windows in the art studio, pottery room, childcare room, south lobby/entrance, and playground hallway including some of the adjacent doors with glass in the south end of the Community Center.							
Culvert Repair at Linworth Run	P&R	EBS	\$140,000				\$140,000
<i>Change: New</i>							
This culvert is badly corroded. The pipe invert is no longer structurally sound. This project would be to repair or replace the culvert based on a detailed engineering analysis.							
Fire Hydrant Replacement & Painting	S&E	EBS	\$25,000				\$25,000
<i>Change: None</i>							
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.							
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000		\$900,000
<i>Change: None</i>							
This project consists of improvements to various streets throughout the City based on a prioritized analysis of the City's street system. Work typically includes curb & gutter repair, asphalt overlay, asphalt patching, and miscellaneous concrete repairs. The project includes the repair of sidewalks that do not meet standards for safety and condition. Repair costs for sidewalks adjacent to private property are paid by respective property owners. Overlay or sealing of parking lots is sometimes included based on need and budget. Street and sidewalk surveys, plan and specification preparation and project administration are proposed to be performed by the Department of Service & Engineering. MMVLT revenues in the amount of \$150,000 each year are transferred into the CIP Fund to help fund this project.							
Waterline Improvements	S&E	EBS		\$500,000			\$500,000
<i>Change: Increased from \$250,000</i>							
This funding amount is provided to make necessary repairs based on an assessment of the City's waterlines. It is a multi-year program. Locations will be identified in the assessment.							

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2021								
Windows & Doors: Municipal Building & Griswold Center	S&E	EBS	\$375,000					\$375,000
<i>Change: Delayed from 2019; added Griswold Center; increased from \$160,000</i>								
Replacement of the north, south & west entry doors and all of the windows at the Municipal Building. All windows will be replaced at the Griswold Center.								
City Buildings Energy Conservation Improvements	S&E	IBS		\$950,000				\$950,000
<i>Change: Buildings except for Police Building delayed from 2020; cost reduced to remove the Police Building</i>								
In 2018, the City's buildings were evaluated for energy improvements that could be made to enhance energy efficiency. The first round of these improvements were installed in 2018 in the Community Center and Griswold Center. The Police Building improvements are planned for 2020. This project includes funding for the recommended improvements in the remaining city buildings (Municipal Building, Fire Station, Planning & Building Facility, Service & Engineering Building, Parks Maintenance Building, McConnell Arts Center).								
Security System Improvements	S&E	IBS	\$50,000					\$50,000
<i>Change: None</i>								
Bi-annual allocation to implement recommendations from the 2013 Building Security Assessment. Items include key card access for City buildings and camera systems for buildings that do not currently have them.								
Bike & Pedestrian Improvements	P&R	E	\$100,000					\$100,000
<i>Change: None</i>								
The City has been evaluating the bicycle and pedestrian needs of the community and has completed a B&P Master Plan. This annual allocation provides funding to implement recommendations of the plan.								
Community Wayfinding Signage	P&B	E	\$50,000					\$50,000
<i>Change: None</i>								
Wayfinding uses local landmarks, signage, pathways and environmental elements to help orient residents and visitors to the City of Worthington. This phased program will allow for continued implementation of the recommendations from the wayfinding study.								
2021 Total - Projects			\$2,412,000	\$2,450,000	\$25,000	\$300,000	\$0	\$5,187,000

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2022								
Grit Pad Installation and Service Yard Improvements	S&E	LM	\$50,000				\$40,000	\$90,000
<i>Change: Increased from \$50,000; \$40,000 available in already encumbered funds</i>								
<p>This project brings our Service & Engineering facility into Ohio EPA compliance for Phase II NPDES MS4 communities. Currently, materials storage bins and some road salt storage is uncovered and non-compliant. Crews currently must drive the vacuum truck and street sweeper to Grove City to properly dispose of excavation spoil and street sweepings. This project saves staff time and mileage by locating the required grit pad dumping facility in house. Materials bins will be covered, the salt storage secured, current stormwater catch basins will be protected and we can assure both compliance as well an environmentally responsible stewardship of the facility.</p>								
Arterial Improvements (High Street, South Corp. to South Street)	S&E	EBS	\$400,000					\$400,000
<i>Change: Increased cost from \$300,000</i>								
<p>Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping. Note that High Street is not included in the County License Fee Program</p>								
Building Improvement Program	S&E	EBS	\$200,000					\$200,000
<i>Change: None</i>								
<p>Annual project consisting of improvements needed to maintain the City buildings in good condition. As an ongoing project, buildings are evaluated annually and repairs are prioritized based on available funding. The Community Center is not included due to its intense public use, larger scale and specialization of projects. A detailed listing of projects will be completed based on an assessment of the City's buildings. Larger building improvement needs are included as separate CIP projects.</p>								
Community Center Fitness Floor Painting	P&R	EBS	\$15,500					\$15,500
<i>Change: Delayed from 2020; increased from \$14,500</i>								
<p>Repainting of the fitness floor area of the Community Center. The area is typically painted every five years on average.</p>								
Community Center Locker Room Painting	P&R	EBS	\$10,000					\$10,000
<i>Change: Delayed from 2020; increased from \$9,500</i>								
<p>Painting of the men's and women's locker rooms on both the north and south end of the Community Center during the annual building shutdown.</p>								
Fire Hydrant Replacement & Painting	S&E	EBS	\$25,000					\$25,000
<i>Change: None</i>								
<p>Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.</p>								

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2022								
Fire Station Apparatus Bay Floor Renovation	FD	EBS	\$25,500					\$25,500
<i>Change: New</i>								
The apparatus bay floors are pitting and need to be repaired and sealed. This project applies epoxy coating and sealant similar to that of the garage floor at Fleet Maintenance.								
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000			\$900,000
<i>Change: None</i>								
This project consists of improvements to various streets throughout the City based on a prioritized analysis of the City's street system. Work typically includes curb & gutter repair, asphalt overlay, asphalt patching, and miscellaneous concrete repairs. The project includes the repair of sidewalks that do not meet standards for safety and condition. Repair costs for sidewalks adjacent to private property are paid by respective property owners. Overlay or sealing of parking lots is sometimes included based on need and budget. Street and sidewalk surveys, plan and specification preparation and project administration are proposed to be performed by the Department of Service & Engineering. MMVLT revenues in the amount of \$150,000 each year are transferred into the CIP Fund to help fund this project.								
Traffic Signal Improvement Program	S&E	EBS	\$50,000					\$50,000
<i>Change: None</i>								
Bi-annual project for the replacement and updating of traffic signal equipment at various signalized intersections in the City. Improvements are prioritized by repair history, equipment obsolescence and service life.								
Waterline Improvements	S&E	EBS		\$500,000				\$500,000
<i>Change: Increased from \$250,000</i>								
This funding amount is provided to make necessary repairs based on an assessment of the City's waterlines. It is a multi-year program. Locations will be identified in the assessment.								
East Granville Road Park Playground Replacement	P&R	IBS	\$105,000					\$105,000
<i>Change: Delayed from 2020</i>								
Replacement of the playground at East Granville Road Park. The current playground was installed in 1993 and is in need of replacement. This has been identified as one of the priority projects by the Parks and Recreation Commission.								
Selby Park Renovations Design	P&R	IBS	\$60,000					\$60,000
<i>Change: None</i>								
One of the priority projects of the Parks Master Plan is to assess the west end of Selby Park including the aging shelter building and the oddly configured parking and "point" of the park. This design work would look at the best future layout for the west end of the park and assess whether to renovate or replace the existing shelter.								

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2022								
Bike & Pedestrian Improvements	P&R	E	\$250,000					\$250,000
<i>Change: None</i>								
The City has been evaluating the bicycle and pedestrian needs of the community and has completed a B&P Master Plan. This annual allocation provides funding to implement recommendations of the plan.								
Community Wayfinding Signage	P&B	E	\$50,000					\$50,000
<i>Change: None</i>								
Wayfinding uses local landmarks, signage, pathways and environmental elements to help orient residents and visitors to the City of Worthington. This phased program will allow for continued implementation of the recommendations from the wayfinding study.								
2022 Total - Projects			\$2,116,000	\$500,000	\$25,000	\$0	\$40,000	\$2,681,000

Year: 2023								
Arterial Improvements: W. Wilson Bridge from High St. to Olentangy River Road	S&E	EBS	\$600,000					\$600,000
<i>Change: New</i>								
Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping. Note that bridge deck replacement at SR-315 may reduce western reach.								
Building Improvement Program	S&E	EBS	\$200,000					\$200,000
<i>Change: None</i>								
Annual project consisting of improvements needed to maintain the City buildings in good condition. As an ongoing project, buildings are evaluated annually and repairs are prioritized based on available funding. The Community Center is not included due to its intense public use, larger scale and specialization of projects. A detailed listing of projects will be completed based on an assessment of the City's buildings. Larger building improvement needs are included as separate CIP projects.								
Community Center North Locker Room Improvements	P&R	EBS	\$28,500					\$28,500
<i>Change: Delayed from 2020; increased from \$25,000</i>								
Improvements to the North Locker Room Shower Stalls and Lockers								
Fire Hydrant Replacement & Painting	S&E	EBS	\$25,000					\$25,000
<i>Change: None</i>								
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.								

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
Year: 2023							
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000		\$900,000
<i>Change: None</i>							
This project consists of improvements to various streets throughout the City based on a prioritized analysis of the City's street system. Work typically includes curb & gutter repair, asphalt overlay, asphalt patching, and miscellaneous concrete repairs. The project includes the repair of sidewalks that do not meet standards for safety and condition. Repair costs for sidewalks adjacent to private property are paid by respective property owners. Overlay or sealing of parking lots is sometimes included based on need and budget. Street and sidewalk surveys, plan and specification preparation and project administration are proposed to be performed by the Department of Service & Engineering. MMVLT revenues in the amount of \$150,000 each year are transferred into the CIP Fund to help fund this project.							
Waterline Improvements	S&E	EBS		\$500,000			\$500,000
<i>Change: Increased from \$250,000</i>							
This funding amount is provided to make necessary repairs based on an assessment of the City's waterlines. It is a multi-year program. Locations will be identified in the assessment.							
Community Center Wood Floor Renovation	P&R	IBS	\$32,000				\$32,000
<i>Change: New</i>							
Sand down and restore the wood floors in the Community Center South Gymnasium, Fitness Studio and Community Room. Over time wax and finishes build up on the floor and it is beneficial to sand them down and refinish them to restore life and appearance to the original floors.							
Fire Station Restroom/Shower Rehabilitation - 1st Floor	FD	IBS	\$64,000				\$64,000
<i>Change: New</i>							
Renovate main level officers toilet/shower room. Divide into two separate rooms instead of this communal room. Separate shower and bathroom facilities will more effectively accommodate the genders to the workforce and this space has not been renovated since the building was built in 1994.							
Security System Improvements	S&E	IBS	\$50,000				\$50,000
<i>Change: None</i>							
Bi-annual allocation to implement recommendations from the 2013 Building Security Assessment. Items include key card access for City buildings and camera systems for buildings that do not currently have them.							
Bike & Pedestrian Improvements	P&R	E	\$250,000				\$250,000
<i>Change: None</i>							
The City has been evaluating the bicycle and pedestrian needs of the Community and has completed a B&P Master Plan. This annual allocation provides funding to implement recommendations of the plan.							

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
2023 Total - Projects			\$2,124,500	\$500,000	\$25,000	\$0	\$0	\$2,649,500

Year: 2024								
Arterial Improvements: Proprietors Road, from Granville Rd. to Schrock Rd.	S&E	EBS	\$500,000					\$500,000
<i>Change: New</i>								
Replace all curbs and gutters, repair storm inlets, and street base; mill and overlay of pavement; and restriping.								
Building Improvement Program	S&E	EBS	\$200,000					\$200,000
<i>Change: Continuation of annual program</i>								
Annual project consisting of improvements needed to maintain the City buildings in good condition. As an ongoing project, buildings are evaluated annually and repairs are prioritized based on available funding. The Community Center is not included due to its intense public use, larger scale and specialization of projects. A detailed listing of projects will be completed based on an assessment of the City's buildings. Larger building improvement needs are included as separate CIP projects.								
Community Center Carpet Replacement	P&R	EBS	\$135,000					\$135,000
<i>Change: Delayed from 2022</i>								
The Community Center carpeting will be due for replacement at the end of its typical ten year cycle. This replaces all of the carpeting throughout the entire facility.								
Fire Hydrant Replacement & Painting	S&E	EBS	\$25,000					\$25,000
<i>Change: Continuation of annual program</i>								
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.								
Service & Engineering Building II Concrete Replacement	S&E	EBS	\$106,000					\$106,000
<i>Change: New</i>								
Concrete is deteriorated along with floor drains and needs replaced where we park snow equipment								
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000			\$900,000
<i>Change: Continuation of annual program</i>								
This project consists of improvements to various streets throughout the City based on a prioritized analysis of the City's street system. Work typically includes curb & gutter repair, asphalt overlay, asphalt patching, and miscellaneous concrete repairs. The project includes the repair of sidewalks that do not meet standards for safety and condition. Repair costs for sidewalks adjacent to private property are paid by respective property owners. Overlay or sealing of parking lots is sometimes included based on need and budget. Street and sidewalk surveys, plan and specification preparation and project administration are proposed to be performed by the Department of Service & Engineering. MMVLT revenues in the amount of \$150,000 each year are transferred into the CIP Fund to help fund this project.								

Proposed 2020-2024 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2024								
Traffic Signal Improvement Program	S&E	EBS	\$50,000					\$50,000
<i>Change: Continuation of bi-annual program</i>								
Bi-annual project for the replacement and updating of traffic signal equipment at various signalized intersections in the City. Improvements are prioritized by repair history, equipment obsolescence and service life.								
Waterline Improvements	S&E	EBS		\$500,000				\$500,000
<i>Change: Continuation of annual program</i>								
This funding amount is provided to make necessary repairs based on an assessment of the City's waterlines. It is a multi-year program. Locations will be identified in the assessment.								
Fire Station Restroom Renovation - 1st Floor	FD	IBS	\$32,000					\$32,000
<i>Change: New</i>								
Renovate and update the men's and women's main floor toilet facilities that serve for Administrative staff and visitors to the building. These rooms have not been renovated since the building was built in 1994.								
Shaker Square Park Playground Replacement	P&R	IBS	\$110,000					\$110,000
<i>Change: Delayed from 2022; increased from \$95,000</i>								
Replacement of the playground at Shaker Square Park. The current playground was installed in the early 90's and is in need of replacement. This has been identified as one of the priority projects by the Parks and Recreation Commission.								
Street Sign Upgrades	S&E	IBS	\$12,500					\$12,500
<i>Change: Delayed from 2022</i>								
Upgrade street signs incrementally to incorporate a new color scheme and bring lettering into compliance with reflectivity								
Bike & Pedestrian Improvements	P&R	E	\$250,000					\$250,000
<i>Change: Continuation of annual program</i>								
The City has been evaluating the bicycle and pedestrian needs of the community. This annual allocation provides funding to implement recommendations of the plan. The allocation was increased to provide funding for recommendations from the Bike and Pedestrian Master Plan.								
2024 Total - Projects			\$2,295,500	\$500,000	\$25,000	\$0	\$0	\$2,820,500
TOTAL CIP PROJECTS			\$11,121,000	\$11,195,000	\$125,000	\$300,000	\$1,060,000	\$23,801,000

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding					Total
	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other						
Year: 2020												
Computer Replacement Program	A/IT	\$60,000										\$60,000
<i>Change: Reduced from \$85,000</i>												
This is an annual program that provides for replacement of computers throughout the City. The oldest or most problematic computers are replaced each year. Most of the computers are on a four-year replacement schedule, although certain intensive use computers are replaced more frequently.												
Server and Network	A/IT	\$80,000										\$80,000
<i>Change: Increased from \$55,000; re-allocated funding across the CIP</i>												
Many critical public safety and administrative systems run on infrastructure housed in the data center in the Police Division. This is an annual program to provide for growth and programmatic renewal.												
Fire Hose	FD	\$10,000										\$10,000
<i>Change: None</i>												
Replacement fire hose program. The Fire Division hoses used for fire suppression are reaching the end of their life-cycle and exceed recommendations for replacement. The accepted recommendation is to replace fire hose after 10 years of use. Much of our fire hose exceeds the 10 year recommendation and some of it is over 18 years old.												
Fire Initial Issue	FD	\$18,000										\$18,000
<i>Change: None</i>												
We anticipate the need to hire three replacement firefighters each year due to retirements or separations. This item will fund personal protective equipment and uniforms for three replacement firefighters.												
Firefighter Personal Protection Equipment	FD	\$48,000										\$48,000
<i>Change: None</i>												
Firefighter structural firefighting protective equipment												
Mobile Data Terminals for Fire Vehicles	FD	\$75,000										\$75,000
<i>Change: None</i>												
Replacement of the mobile data terminals (computers) in the Fire & EMS vehicles.												
Self Contained Breathing Apparatus (SCBAs)	FD	\$300,000										\$300,000
<i>Change: Delayed from 2019; replaced grant funds with City funds</i>												
Replacement of breathing apparatus the firefighters use to protect themselves from smoke and other harmful chemicals. The SCBA equipment is over ten years old and at the end of its useful life.												

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding					Total
	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other						
Year: 2020												
Small Equipment Replacement	FD	\$15,000										\$15,000
<i>Change: None</i>												
Replace various small equipment												
SUV (BN101/0523)	FD	\$60,000										\$60,000
<i>Change: None</i>												
Replacement of BN101/0523 Command Vehicle.												
Community Center Fitness Equipment	P&R	\$56,000										\$56,000
<i>Change: New</i>												
Replacement of select fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years. We did not use about \$35,000 of our allocated funds in 2019 which will carry over to offset part of this expense.												
Pool Filter Sand	P&R	\$13,000										\$13,000
<i>Change: Accelerated from 2021; decreased from \$25,700</i>												
Removal of the sand and gravel in the leisure, fitness and spa filters; repair of any broken or cracked laterals; and then refill with gravel and sand. The media in these filters typically has about a ten year life expectancy before needing replacement.												
Small Equipment Replacement	P&R	\$15,000										\$15,000
<i>Change: None</i>												
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.												
Turf Mowers	P&R	\$14,000										\$14,000
<i>Change: None</i>												
Replacement of two 72 inch Z Turn mowers. Most of the City's mowers are utilized at least 30 hours per week from mid-April until early October necessitating a regular replacement program. We replace two of four mowers each year for a two year replacement cycle. With higher trade-in values and low initial purchase cost from State Contract pricing, we find that the units have less out of service time and less maintenance costs if replaced on a more frequent basis.												
Mobile Data Terminals - Police	PD	\$25,000										\$25,000
<i>Change: Increased from \$22,500</i>												
When the police cruisers are replaced, the mobile data terminals (computers) in the vehicles are also replaced. These mobile data terminals are important as they provide connection to critical information for officers when they are in the field.												

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding					Total
	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other						
Year: 2020												
Police Building Furniture	PD	\$15,000									\$15,000	
<i>Change: New</i> Furniture replacement after HVAC improvements are installed.												
Police Cruisers	PD	\$155,000									\$155,000	
<i>Change: Increased from \$130,000</i> A portion of the police cruisers are replaced each year to ensure the reliability of these high use vehicles. Three cruisers are scheduled for replacement and upfitting.												
Police Initial Issue	PD	\$20,000									\$20,000	
<i>Change: New</i> Anticipation of the need to hire two officers to fill vacancies due to officer/staff retirements. This funding covers costs to outfit new officers with all uniform requirements other than a ballistic vest, which are included in the operating budget as part of the collective bargaining agreement.												
Records Management Software	PD	\$250,000									\$250,000	
<i>Change: New</i> The current Record System (RMS) was purchased from VisionAir/Tri-Tech/Central Square and has been in use since 2003. The current vendor (Central Square) may no longer provide updates to support this product.												
Cargo Van (#0420)	S&E	\$30,000									\$30,000	
<i>Change: None</i> Replacement of a 2004 Chevrolet Astro Van												
Pressure Washer (#4202)	S&E	\$16,000									\$16,000	
<i>Change: Increased from \$9,000</i> Replacement of the 1997 Building Two Hotsy Pressure Washer. Experiencing high maintenance and problems with parts availability.												
Scan Tools for Garage	S&E	\$15,000									\$15,000	
<i>Change: None</i> Replace/Upgrade Garage Tools (engine/body scanner, ABS scanner/programmer)												

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2020							
Small Equipment Replacement	S&E	\$10,000					\$10,000
<i>Change: None</i>							
Funding for small equipment replacement in the Service & Engineering Department as necessary. Typical equipment includes chain saws, weed wackers and other power tools.							
Wood Chipper (#0464)	S&E	\$65,000					\$65,000
<i>Change: None</i>							
Replacement of a 2006 Carlton Wood chipper. Used regularly by Parks and Service departments.							
2020 Total - Equipment		\$1,365,000	\$0	\$0	\$0	\$0	\$1,365,000

Year: 2021							
Computer Replacement Program	A/IT	\$60,000					\$60,000
<i>Change: Reduced from \$85,000</i>							
This is an annual program that provides for replacement of computers throughout the City. The oldest or most problematic computers are replaced each year. Most of the computers are on a four-year replacement schedule, although certain intensive use computers are replaced more frequently.							
Payroll & Accounting Software	A/IT	\$200,000					\$200,000
<i>Change: None</i>							
The Finance Department's accounting and payroll software was last updated in 2009. The current software supplied by CMI is run on jBASE which will no longer be supported effective December 2022. Additionally, CMI is moving to an updated product and will soon stop supporting the current version of Client Server.							
Server and Network	A/IT	\$40,000					\$40,000
<i>Change: Reduced from \$155,000; costs re-allocated across the CIP</i>							
Many critical public safety and administrative systems run on infrastructure housed in the data center in the Police Division. This is an annual program to provide for growth and programmatic renewal. This year funds replacement of servers on a four year schedule.							

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2021							
Fire Initial Issue	FD	\$18,000					\$18,000
<i>Change: None</i> We anticipate the need to hire three replacement firefighters each year due to retirements or separations. This item will fund personal protective equipment and uniforms for three replacement firefighters.							
Firefighter Protection Equipment	FD	\$45,000					\$45,000
<i>Change: None</i> Firefighter Personal Protective Equipment/Structural firefighting gear							
SCBA Filling Station	FD	\$41,000					\$41,000
<i>Change: Delayed from 2020 and spread across two years</i> Replacement of the breathing air system air compressor and cascade bottles							
Small Equipment Replacement	FD	\$15,000					\$15,000
<i>Change: None</i> Replacement of various small equipment in the Fire Division.							
SUV (C101/0521)	FD	\$62,000					\$62,000
<i>Change: Accelerated from 2022; increased from \$60,000</i> Replacement of C101/0521 Command Vehicle.							
Community Center Basketball Backboards/Equipment	P&R	\$31,000					\$31,000
<i>Change: Delayed from 2021; increased from \$30,000</i> Replacement of all eight electronically operated basketball backboards, operators, pullies, cables, and relays in the Community Center gymnasiums. This price includes installation.							
Community Center Digital Screen Replacement	P&R	\$10,500					\$10,500
<i>Change: Delayed from 2020; increased from \$10,000</i> Existing screens are discontinued and no longer have software support. New technology would allow us to continue utilizing the screens for class/rental locations/times, promotion, patron information and updates.							

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2021							
Community Center Fitness Equipment	P&R	\$131,000					\$131,000
<i>Change: Increased from \$130,000</i>							
Replacement of select fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years.							
Community Center Variable Speed Drives Replacement	P&R	\$17,000					\$17,000
<i>Change: Delayed from 2020; increased from \$16,500</i>							
Replacement of four VFD (variable speed drives) in the Community Center. These are all original to the building (2002) and have a life expectancy of 8-10 years. These drives control the amount of energy used by the motor and pumps for the pool and HVAC system.							
Small Equipment Replacement	P&R	\$15,000					\$15,000
<i>Change: None</i>							
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.							
Turf Mowers	P&R	\$14,000					\$14,000
<i>Change: None</i>							
Replacement of two 72 inch Z Turn mowers. Most of the City's mowers are utilized at least 30 hours per week from mid-April until early October necessitating a regular replacement program. We replace two of four mowers each year for a two year replacement cycle. With higher trade-in values and low initial purchase cost from State Contract pricing, we find that the units have less out of service time and less maintenance costs if replaced on a more frequent basis.							
Mobile Data Terminals - Police	PD	\$25,500					\$25,500
<i>Change: Increased from \$23,000</i>							
When the police cruisers are replaced, the mobile data terminals (computers) in the vehicles are also replaced. These mobile data terminals are important as they provide connection to critical information for officers when they are in the field.							
Police Cruisers	PD	\$157,000					\$157,000
<i>Change: Increased from \$132,000</i>							
A portion of the police cruisers are replaced each year to ensure the reliability of these high use vehicles. Three cruisers are scheduled for replacement.							
Police Initial Issue	PD	\$20,000					\$20,000
<i>Change: New</i>							
Anticipation of the need to hire two officers to fill vacancies from officer/staff retirements. This funding covers costs to outfit new officers with all uniform requirements other than a ballistic vest, which are included in operating as part of the collective bargaining agreement.							

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2021							
4x4 Utility Vehicle (#0480)	S&E	\$16,500					\$16,500
<i>Change: Delayed from 2020; increased from \$12,000</i> Replacement of a 2004 RTV900W Utility Vehicle that will be 16 years old							
1 Ton Dump w/Plow & Spreader (#0433)	S&E	\$114,000					\$114,000
<i>Change: Delayed from 2020; increased from \$85,000</i> Replacement of a 2012 F550 utilized daily for Service maintenance work, leaf collection and snow removal.							
Hand Tool Replacements for Garage	S&E	\$10,500					\$10,500
<i>Change: Delayed from 2020; increased from \$10,000</i> Replacement of hand tools for Garage							
Small Equipment Replacement	S&E	\$10,000					\$10,000
<i>Change: None</i> Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.							

2021 Total - Equipment		\$1,053,000	\$0	\$0	\$0	\$0	\$1,053,000
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Year: 2022							
Computer Replacement Program	A/IT	\$60,000					\$60,000
<i>Change: Reduced from \$85,000</i> This is an annual program that provides for replacement of computers throughout the City. The oldest or most problematic computers are replaced each year. Most of the computers are on a four-year replacement schedule, although certain intensive use computers are replaced more frequently.							
Municipal Building Furniture	A/IT	\$21,000					\$21,000
<i>Change: Delayed from 2021; increased from \$20,000</i> This item replaces the three tables and the four chairs in the audience area of the City Council Chambers, plus it replaces the audience chairs with chairs that can be stacked, making the room more functional for various types of meetings.							

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding				Total
	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other					
Year: 2022											
Server and Network	A/IT	\$55,000									\$55,000
<p><i>Change: Increased from \$15,000; costs re-allocated across the CIP</i></p> <p>Many critical public safety and administrative systems run on infrastructure housed in the data center in the Police Division. This is an annual program to provide for growth and programmatic renewal.</p>											
Cardiac Monitor/Defibrillators	FD	\$90,000									\$90,000
<p><i>Change: None</i></p> <p>Replacement of three cardiac monitor/defibrillator units that will be 11 years old at this time. Life expectancy and usage for FDA approved patient care devices such as these is 10 years. It is anticipated with the change of ownership of Physio-Control that by 2022 (if not sooner) the current equipment we have and use daily on the Medic units will be obsolete.</p>											
Fire Hose	FD	\$6,000									\$6,000
<p><i>Change: None</i></p> <p>Replacement fire hose program. The Fire Division hoses used for fire suppression are reaching the end of their life-cycle and exceed recommendations for replacement. The accepted recommendation is to replace fire hose after ten years of use. Much of our fire hose exceeds the ten year recommendation and some of it is over 18 years old.</p>											
Fire Initial Issue	FD	\$18,000									\$18,000
<p><i>Change: None</i></p> <p>We anticipate the need to hire three replacement firefighters each year due to retirements or separations. This item will fund personal protective equipment and uniforms for three replacement firefighters.</p>											
Firefighter Protection Equipment	FD	\$38,000									\$38,000
<p><i>Change: None</i></p> <p>Structural firefighting personal protection/gear</p>											
Medic Vehicle (M101/#0513)	FD	\$340,000									\$340,000
<p><i>Change: Delayed from 2021; increased from \$330,000</i></p> <p>Replacement of a 2013 F550 Medic and Body (M101/#0513) with a Stryker Lift cot</p>											
Physical Fitness Equipment	FD	\$10,600									\$10,600
<p><i>Change: Delayed from 2021; increased from \$10,300</i></p> <p>Replacement of an elliptical machine and a second treadmill</p>											

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2022							
SCBA Filling Station	FD	\$42,500					\$42,500
<i>Change: Delayed from 2021; increased from \$40,000</i>							
Replacement of the breathing air system air compressor and cascade bottles							
Small Equipment Replacement	FD	\$10,000					\$10,000
<i>Change: None</i>							
Replacement of various small equipment in the Fire Division.							
SUV (C102/0522)	FD	\$62,000					\$62,000
<i>Change: Delayed from 2021; increased from \$60,000</i>							
Replacement of the Assistant Chief vehicle, including lighting, graphics, and radio.							
Community Center Cooling Tower Motor	P&R	\$50,500					\$50,500
<i>Change: New</i>							
The Community Center Cooling Tower provides air conditioning to the facility. The motor in the tower is starting to go bad and has a 15-20 year life expectancy. It is 16 years old and will likely go out in the next few years. These funds would replace the motor and prolong the life of the overall cooling tower.							
Community Center Fitness Equipment	P&R	\$141,000					\$141,000
<i>Change: Increased from \$140,000</i>							
Replacement of select fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years.							
Park Drinking Fountain Replacements	P&R	\$12,500					\$12,500
<i>Change: Increased from \$10,000</i>							
As recommended in Parks Master Plan, many of our park drinking fountains need replaced. This funding replaces one drinking fountain annually over a three year period.							
Parks Wide Area Mower (#0261)	P&R	\$75,000					\$75,000
<i>Change: None</i>							
Replacement of a 2012 Wide Area Mower which will be at the end of its useful life. It is used to mow parks and fields throughout the city.							
Small Equipment Replacement	P&R	\$15,000					\$15,000
<i>Change: None</i>							
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.							

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding				Total
		CIP Fund	Bonds	Assessment	License Tax	
Year: 2022						
Turf Mowers	P&R	\$14,000				\$14,000
<i>Change: None</i> Replacement of two 72 inch Z Turn mowers. Most of the City's mowers are utilized at least 30 hours per week from mid-April until early October necessitating a regular replacement program. We replace two of four mowers each year for a two year replacement cycle. With higher trade-in values and low initial purchase cost from State Contract pricing, we find that the units have less out of service time and less maintenance costs if replaced on a more frequent basis.						
Planning & Building Training Room Furniture	P&B	\$13,000				\$13,000
<i>Change: New</i> This item replaces 10 tables and 30 chairs and adds one (4'x6') aluminum frame magnetic whiteboard. This replaces the 25 year old furniture that was previously located at City Hall in the Training Room.						
Mobile Data Terminals - Police	PD	\$26,000				\$26,000
<i>Change: Increased from \$23,500</i> When the police cruisers are replaced, the mobile data terminals (computers) in the vehicles are also replaced. These mobile data terminals are important as they provide connection to critical information for officers when they are in the field.						
Police Chemical Suits	PD	\$15,000				\$15,000
<i>Change: New</i> Ten-year replacement of officers' chemical suits.						
Police Cruisers	PD	\$160,000				\$160,000
<i>Change: Increased from \$134,000</i> A portion of the police cruisers are replaced each year to ensure the reliability of these high use vehicles. Three cruisers are scheduled for replacement.						
3/4 Ton Pickup (#435)	S&E	\$70,000				\$70,000
<i>Change: Delayed from 2021; increased from \$40,000 to allow for replacement with a flat bed truck</i> Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.						
Hand Tools for Garage	S&E	\$10,500				\$10,500
<i>Change: Delayed from 2021; increased from \$10,000</i> Replacement of Garage Hand Tools						

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
Year: 2022							
Hot Plastic Applicator (#0488)	S&E	\$16,000					\$16,000
<i>Change: Reduced from \$20,000</i> Replacement of the 2007 Trantexx Street Striping machine.							
Small Equipment Replacement	S&E	\$10,000					\$10,000
<i>Change: None</i> Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.							
2022 Total - Equipment		\$1,381,600	\$0	\$0	\$0	\$0	\$1,381,600

Year: 2023							
Computer Replacement Program	A/IT	\$60,000					\$60,000
<i>Change: Reduced from \$85,000</i> This is an annual program that provides for replacement of computers throughout the City. The oldest or most problematic computers are replaced each year. Most of the computers are on a four-year replacement schedule, although certain intensive use computers are replaced more frequently.							
Server and Network	A/IT	\$15,000					\$15,000
<i>Change: Reduced from \$55,000; costs re-allocated across the CIP</i> Many critical public safety and administrative systems run on infrastructure housed in the data center in the police department. This is an annual program to provide for growth and programmatic renewal.							
ATV Type Unit with Trailer (530)	FD	\$36,000					\$36,000
<i>Change: Delayed from 2022; increased from \$35,000</i> Replacement for the golf cart with cot. The upgrade to an ATV-type unit will enable transport over roadways to reach partner agencies events.							
Fire Initial Issue	FD	\$18,000					\$18,000
<i>Change: New</i> We anticipate the need to hire three replacement firefighters each year due to retirements or separations. This item will fund personal protective equipment and uniforms for three replacement firefighters.							

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding	Total
Equipment	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other	Total	
Year: 2023								
Firefighter Protection Equipment	FD	\$45,000					\$45,000	
<i>Change: None</i>								
Structural firefighting personal protection/gear								
Small Equipment Replacement	FD	\$10,000					\$10,000	
<i>Change: None</i>								
Replacement of various small equipment in the Fire Division.								
SUV (#0525/ P101)	FD	\$62,000					\$62,000	
<i>Change: New</i>								
Replacement of Chief 101 2008 Chevrolet Tahoe and Up-Fit.								
Vehicle Extrication Hydraulic Tools	FD	\$62,000					\$62,000	
<i>Change: Delayed from 2022; increased from \$60,000</i>								
Replacement of hydraulic vehicle extrication tools that have exceeded life cycle								
Water Rescue Boats	FD	\$36,000					\$36,000	
<i>Change: Delayed from 2022; increased from \$35,000</i>								
Replacement of the existing boat and potential addition a second type. This includes a trailer for the boat(s). The Fire Division has identified several types of bodies of water that require different types of boats to effect a water rescue.								
Dump Trailer (#252T)	P&R	\$9,600					\$9,600	
<i>Change: New</i>								
Replacement of a 2012 Carry-On Dump Trailer								
Griswold Center Fitness Equipment Replacement	P&R	\$20,600					\$20,600	
<i>Change: Delayed from 2022; increased from \$20,000</i>								
Replacement of the equipment in the Griswold Center fitness room. The equipment is replaced on a five year cycle and the last replacement occurred in 2017.								

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding					Total
	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other						
Year: 2023												
Small Equipment Replacement	P&R	\$15,000										\$15,000
<i>Change: None</i>												
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.												
Turf Mowers	P&R	\$14,000										\$14,000
<i>Change: None</i>												
Replacement of two 72 inch Z Turn mowers. Most of the City's mowers are utilized at least 30 hours per week from mid-April until early October necessitating a regular replacement program. We replace two of four mowers each year for a two year replacement cycle. With higher trade-in values and low initial purchase cost from State Contract pricing, we find that the units have less out of service time and less maintenance costs if replaced on a more frequent basis.												
Mobile Data Terminals - Police	PD	\$26,500										\$26,500
<i>Change: Increased from \$24,000</i>												
When the police cruisers are replaced, the mobile data terminals (computers) in the vehicles are also replaced. These mobile data terminals are important as they provide connection to critical information for officers when they are in the field.												
Police Cruisers	PD	\$162,000										\$162,000
<i>Change: Increased from \$136,000</i>												
A portion of the police cruisers are replaced each year to ensure the reliability of these high use vehicles. Three cruisers are scheduled for replacement.												
Police Sedan (#0330)	PD	\$33,500										\$33,500
<i>Change: Delayed from 2022; increased from \$30,000</i>												
Replacement of a 2012 Ford Fusion and Emergency Lighting												
Police Sedan (#0332)	PD	\$33,500										\$33,500
<i>Change: Delayed from 2022; increased from \$30,000</i>												
Replacement of a 2012 Ford Fusion and Emergency Lighting												
3/4 Ton Pickup (#0434)	S&E	\$43,500										\$43,500
<i>Change: Delayed from 2021; increased from \$40,000</i>												
Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.												

Proposed 2020-2024 Capital Improvement Program - Equipment

Year: 2023							
Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
Backhoe (#0458)	S&E	\$93,000					\$93,000
<i>Change: Delayed from 2022; increased from \$90,000</i>							
Replacement of a 1999 John Deere 310 Backhoe. Utilized for street digs and construction work.							
Fleet Service Vehicle (#0431)	S&E	\$43,500					\$43,500
<i>Change: Delayed from 2022; increased from \$42,000</i>							
Replacement of the Service Van with Pickup Chassis and utility body.							
Hand Tools for Garage	S&E	\$5,200					\$5,200
<i>Change: Delayed from 2022; increased from \$5,000</i>							
Replacement hand tools for garage							
Leaf Box	S&E	\$26,000					\$26,000
<i>Change: New</i>							
Replacement of the Leaf Box associated with Leaf Vacuum #0469							
Leaf Vacuum (#0469)	S&E	\$62,000					\$62,000
<i>Change: Delayed from 2022; increased from \$60,000</i>							
Replacement of a 2008 Dinkmar Mule This unit is used very heavily during leaf season.							
Small Equipment Replacement	S&E	\$10,000					\$10,000
<i>Change: None</i>							
Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.							
2023 Total - Equipment		\$941,900	\$0	\$0	\$0	\$0	\$941,900

Year: 2024							
Computer Replacement Program	A/IT	\$60,000					\$60,000
<i>Change: Continuation of annual program</i>							
This is an annual program that provides for replacement of computers throughout the City. The oldest or most problematic computers are replaced each year. Most of the computers are on a four-year replacement schedule, although certain intensive use computers are replaced more frequently.							

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding					Total
	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other						
Year: 2024												
Server and Network	A/IT	\$15,000										\$15,000
<i>Change: Continuation of annual program</i>												
Many critical public safety and administrative systems run on infrastructure housed in the data center in the police department. This is an annual program to provide for growth and programmatic renewal.												
1/2 Ton Pickup (SC101/0520)	FD	\$62,000										\$62,000
<i>Change: New</i>												
Replacement of the Fire Station Truck, a 2008 Chevy 1500.												
Engine Rescue (E102/0512)	FD		\$725,000									\$725,000
<i>Change: Delayed from 2023; increased from \$700,000</i>												
Replacement of a 2006 Spartan Gladiator Engine Rescue												
Fire Initial Issue	FD	\$18,000										\$18,000
<i>Change: New</i>												
We anticipate the need to hire three replacement firefighters each year due to retirements or separations. This item will fund personal protective equipment and uniforms for three replacement firefighters.												
Firefighter Personal Protective Equipment	FD	\$45,000										\$45,000
<i>Change: New</i>												
Structural firefighting personal protection/gear												
Small Equipment Replacement	FD	\$15,000										\$15,000
<i>Change: Continuation of annual program, increased from \$10,000</i>												
Replacement of various small equipment in the Fire Division.												
Parks Truck (#0248)	P&R	\$41,000										\$41,000
<i>Change: Delayed from 2023; increased from \$40,000</i>												
Replacement of 2011 Parks Truck F250												

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding	Total
Equipment	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other	Total	
Year: 2024								
Small Equipment Replacement	P&R	\$15,000					\$15,000	
<i>Change: Continuation of annual program</i>								
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.								
Trailer #0261T	P&R	\$9,600					\$9,600	
<i>Change: Delayed from 2023; increased from \$9,000</i>								
Replacement of 2012 Parks 6 Ton Trailer								
Turf Mowers	P&R	\$14,000					\$14,000	
<i>Change: Continuation of annual program</i>								
Replacement of two 72 inch Z Turn mowers. Most of the City's mowers are utilized at least 30 hours per week from mid-April until early October necessitating a regular replacement program. We replace two of four mowers each year for a two year replacement cycle. With higher trade-in values and low initial purchase cost from State Contract pricing, we find that the units have less out of service time and less maintenance costs if replaced on a more frequent basis.								
UTV #0208	P&R	\$15,500					\$15,500	
<i>Change: Delayed from 2023; increased from \$15,000</i>								
Replacement of a 2008 RTV900. Used daily in Parks operations								
Zoning Vehicle	P&B	\$29,000					\$29,000	
<i>Change: Delayed from 2023; increased from \$28,000</i>								
Replacement of #0116 Colorado								
Mobile Data Terminals - Police	PD	\$27,000					\$27,000	
<i>Change: Continuation of annual program</i>								
When the police cruisers are replaced, the mobile data terminals (computers) in the vehicles are also replaced. These mobile data terminals are important as they provide connection to critical information for officers when they are in the field.								
Police Cruisers	PD	\$164,000					\$164,000	
<i>Change: Continuation of annual program</i>								
A portion of the police cruisers are replaced each year to ensure the reliability of these high use vehicles. Three cruisers are scheduled for replacement.								

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment							Funding				Total
	Dept.	CIP Fund	Bonds	Assessment	License Tax	Other					
Year: 2024											
Sedan (#0331) <i>Change: Delayed from 2023; increased from \$30,000</i> Replacement of a 2013 Taurus with Fusion and equipment	PD	\$34,500									\$34,500
Sedan (#0334) <i>Change: Delayed from 2023; increased from \$30,000</i> Replacement of a 2013 Taurus with Fusion and equipment	PD	\$34,500									\$34,500
Police Truck (#0326) <i>Change: New</i> Replacement of a 2013 1/2 ton 4x4 quad cab pickup and police equipment.	PD	\$51,500									\$51,500
3/4 Ton Pickup (#4442) <i>Change: Delayed from 2022, increased from \$40,000</i> Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.	S&E	\$46,500									\$46,500
Camera Van (#0432) <i>Change: New</i> Replacement of the 1997 Camera Van.	S&E	\$300,000									\$300,000
Pickup with Plow (#0429) <i>Change: Delayed from 2023; increased from \$42,000</i> Replacement of a 2013 3/4 T Pickup 4x4 with Plow	S&E	\$50,000									\$50,000
Service Dept. Sedan (#0418) <i>Change: Delayed from 2023; increased from \$28,000</i> Replacement of a 2012 Ford Fusion with a sedan.	S&E	\$31,000									\$31,000
Small Equipment Replacement <i>Change: Continuation of annual program</i> Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.	S&E	\$10,000									\$10,000

Proposed 2020-2024 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
2024 Total - Equipment		\$1,088,100	\$725,000	\$0	\$0	\$0	\$1,813,100
TOTAL CIP EQUIPMENT		\$5,829,600	\$725,000	\$0	\$0	\$0	\$6,554,600

Proposed 2020-2024 CIP Fund Cash Flow

Revenue	2020	2021	2022	2023	2024
Income Tax	\$5,218,000	\$5,478,900	\$5,615,873	\$5,728,190	\$5,842,754
MMVLT	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
License Tax Reimbursement	\$0	\$300,000	\$0	\$0	\$0
Grant Funds	\$0	\$0	\$0	\$0	\$0
Debt Proceeds	\$9,454,000	\$0	\$3,450,000	\$0	\$0
Other Revenue	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000
TOTAL REVENUE	\$14,877,000	\$5,983,900	\$9,270,873	\$5,933,190	\$6,047,754

Cat.	Dept.	Projects	2020	2021	2022	2023	2024
LM	S&E	Grit Pad Installation & Service Yard Improvements			\$50,000		
LM	S&E	Kenyonbrook Trunk Sewer Improvement	\$2,100,000				
LM	S&E	Sanitary Sewer Repair & Rehabilitation	\$1,000,000	\$1,000,000			
EBS	S&E	Arterial Improvements: High, South Corp - South St.			\$400,000		
EBS	S&E	Arterial Improvements: Huntley, Schrock-RR; Schrock		\$600,000			
EBS	S&E	Arterial Improvements: Proprietors, Granville - Schrock					\$500,000
EBS	S&E	Arterial Improvements: Wilson Bridge, High-Olen River Rd.				\$600,000	
EBS	S&E	Arterial Pavement Preservation	\$185,000	\$195,000			
EBS	S&E	Building Improvement Program	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
EBS	S&E	CBD Paver Renovation		TIF			
EBS	P&R	Community Center Carpet Replacement					\$135,000
EBS	P&R	Community Center Fitness Floor Painting			\$15,500		
EBS	P&R	Community Center Locker Room Painting			\$10,000		
EBS	P&R	Community Center North Locker Room Improvements				\$28,500	
EBS	P&R	Community Center Pools Resurfacing	\$120,000				
EBS	P&R	Community Center South End Door Replacement	\$48,000				
EBS	S&E	Community Center Window & Door Replacement		\$102,000			
EBS	S&E	Culvert Repair at Linworth Run	\$25,000	\$140,000			
EBS	S&E	Fire Hydrant Replacement & Painting	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
EBS	FD	Fire Station Apparatus Bay Floor Renovation			\$25,500		
EBS	FD	Fire Station Bathroom/Shower Renovation - 2nd Floor	\$100,000				
EBS	P&R	Perry Park Backflow Preventer	\$70,000				
EBS	S&E	Police Building HVAC & Remediation	\$1,500,000				
EBS	S&E	Police Building Roof Repair	\$425,000				
EBS	S&E	Rush Run Stream - Huntley Bowl Improvements	\$420,000				
EBS	S&E	Service & Engineering Building II Concrete Replacement					\$106,000
EBS	S&E	Street & Sidewalk Improvement Program	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000
EBS	S&E	Traffic Signal Improvement Program	\$50,000		\$50,000		\$50,000
EBS	S&E	Waterline Improvements		\$500,000	\$500,000	\$500,000	\$500,000
EBS	S&E	Windows & Doors - Municipal Building & Griswold Center		\$375,000			
IBS	S&E	City Buildings Energy Conservation Improvements		\$950,000			
IBS	P&R	Community Center Wood Floor Renovation				\$32,000	
IBS	P&R	East Granville Road Park Playground Replacement			\$105,000		
IBS	FD	Fire Station Restroom/Shower Rehabilitation - 1st Floor				\$64,000	
IBS	FD	Fire Station Restroom Renovation - 1st Floor					\$32,000
IBS	P&R	McCord Park Renovations	\$1,800,000				
IBS	P&R	Perry Park Building Electrical Upgrade	\$25,000				
IBS	S&E	Security System Improvements		\$50,000		\$50,000	
IBS	P&R	Selby Park Playground Replacement	\$275,000				
IBS	P&R	Selby Park Renovations Design			\$60,000		
IBS	P&R	Shaker Square Playground Replacement					\$110,000
IBS	S&E	Streetlight Conversion to LED	\$25,000				
IBS	S&E	Street Sign Upgrades					\$12,500
E	P&R	Bike & Pedestrian Improvements	\$100,000	\$100,000	\$250,000	\$250,000	\$250,000
E	P&B	Community Wayfinding Signage	\$50,000	\$50,000	\$50,000		
TOTAL PROJECTS			\$9,443,000	\$5,187,000	\$2,641,000	\$2,649,500	\$2,820,500

Equipment	2020	2021	2022	2023	2024
ADMINISTRATION/IT					
Computer Replacement Program	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Municipal Building Furniture Replacement			\$21,000		
Payroll & Accounting Software		\$200,000			
Server & Network	\$80,000	\$40,000	\$55,000	\$15,000	\$15,000
FIRE					
1/2 Ton Pickup (SC101/0520)					\$62,000
ATV Type Unit with Trailer (replace golf cart)				\$36,000	
Cardiac Monitor/Defibrillators			\$90,000		
Engine Rescue (E102/0512)					\$725,000
Fire Hose	\$10,000		\$6,000		
Fire Initial Issue	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
Firefighter Protection Equipment	\$48,000	\$45,000	\$38,000	\$45,000	\$45,000
Medic Vehicle (#0513/M102)			\$340,000		
Mobile Data Terminals for Fire Vehicles	\$75,000				
Physical Fitness Equipment			\$10,600		
SCBA Filling Station		\$41,000	\$42,500		
Self Contained Breathing Apparatus	\$300,000				
Small Equipment Replacement	\$15,000	\$15,000	\$10,000	\$10,000	\$15,000
SUV (BN101/0523)	\$60,000				
SUV (C101/0521)		\$62,000			
SUV (C102/0522)			\$62,000		
SUV (P101/0525)				\$62,000	
Vehicle Extrication Hydraulic Tools				\$62,000	
Water Rescue Boats				\$36,000	
PARKS & RECREATION					
Community Center Basketball Backboards/Equipment		\$31,000			
Community Center Cooling Tower Motor			\$50,500		
Community Center Digital Screens		\$10,500			
Community Center Fitness Equipment	\$56,000	\$131,000	\$141,000		
Community Center Variable Speed Drives Replacement		\$17,000			
Dump Trailer (#252T)				\$9,600	
Griswold Fitness Equipment				\$20,600	
Park Drinking Fountains			\$12,500		
Parks Truck (#0248)					\$41,000
Parks Wide Area Mower (#0261)			\$75,000		
Pool Filter Sand	\$13,000				
Small Equipment Replacement	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Trailer #0261T					\$9,600
Turf Mowers (2)	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000
UTV #0208					\$15,500
PLANNING & BUILDING					
Training Room Furniture			\$13,000		
Staff Vehicle (Zoning)					\$29,000
POLICE					
Mobile Data Terminals - Police	\$25,000	\$25,500	\$26,000	\$26,500	\$27,000
Police Building Furniture	\$15,000				
Police Chemical Suits			\$15,000		
Police Cruiser Replacement	\$155,000	\$157,000	\$160,000	\$162,000	\$164,000
Police Initial Issue Equipment	\$20,000	\$20,000			
Police Sedan (#0330)				\$33,500	
Police Sedan (#0332)				\$33,500	
Police Sedan (#0331)					\$34,500
Police Sedan (#0334)					\$34,500
Police Truck (#1326)					\$51,500
Records Management Software	\$250,000				

Equipment	2020	2021	2022	2023	2024
SERVICE & ENGINEERING					
3/4 Ton Pickup Truck (#434)				\$43,500	
3/4 Ton Pickup Truck (#435)			\$70,000		
3/4 Ton Pickup Truck (#442)					\$46,500
4x4 Utility Vehicle (#0480)		\$16,500			
Backhoe (#0458)				\$93,000	
Camera Van (#0432)					\$300,000
Cargo Van (#0420)	\$30,000				
1 Ton Dump w/ plow & spreader (#0433)		\$114,000			
Fleet Service Vehicle (#0431)				\$43,500	
Hand Tool Replacements for Garage		\$10,500	\$10,500	\$5,200	
Hot Plastic Applicator			\$16,000		
Leaf Box (for Vacuum #0469)				\$26,000	
Leaf Vacuum (#0469)				\$62,000	
Pickup with Plow (#0429)					\$50,000
Pressure Washer	\$16,000				
Scan Tools for Garage	\$15,000				
Service Dept. Sedan (#0418)					\$31,000
Small Equipment Replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Wood Chipper (#0464)	\$65,000				
TOTAL EQUIPMENT	\$1,365,000	\$1,053,000	\$1,381,600	\$941,900	\$1,813,100

TOTAL PROJECTS	\$9,443,000	\$5,187,000	\$2,641,000	\$2,649,500	\$2,820,500
TOTAL EQUIPMENT	\$1,365,000	\$1,053,000	\$1,381,600	\$941,900	\$1,813,100
Debt Service Transfers	\$1,280,000	\$1,570,000	\$1,400,000	\$1,760,000	\$1,750,000
OPWC Loan Payments	\$28,300	\$28,300	\$28,300	\$28,300	\$28,300
Lease Payments	\$222,777	\$222,777	\$222,777	\$222,777	\$222,777
CIP Administration	\$477,000	\$491,000	\$506,000	\$521,000	\$537,000
TOTAL CIP EXPENDITURES	\$12,816,077	\$8,552,077	\$6,179,677	\$6,123,477	\$7,171,677
REVENUE MINUS EXPENDITURES	\$2,060,923	-\$2,568,177	\$3,091,196	-\$190,287	-\$1,123,923
BALANCE	\$5,379,139	\$2,810,962	\$5,902,158	\$5,711,871	\$4,587,948

Without Debt Proceeds & Bonded Expenditures					
REVENUE	\$5,423,000	\$5,983,900	\$5,820,873	\$5,933,190	\$6,047,754
PROJECTS	\$2,198,000	\$2,737,000	\$2,141,000	\$2,149,500	\$2,320,500
EQUIPMENT	\$1,365,000	\$1,053,000	\$1,381,600	\$941,900	\$1,088,100
Debt Service Transfers	\$1,280,000	\$1,570,000	\$1,400,000	\$1,760,000	\$1,750,000
OPWC Loan Payments	\$28,300	\$28,300	\$28,300	\$28,300	\$28,300
Lease Payments	\$222,777	\$222,777	\$222,777	\$222,777	\$222,777
CIP Administration	\$477,000	\$491,000	\$506,000	\$521,000	\$537,000
EXPENDITURES	\$5,571,077	\$6,102,077	\$5,679,677	\$5,623,477	\$5,946,677
REVENUE MINUS EXPENDITURES	-\$148,077	-\$118,177	\$141,196	\$309,713	\$101,077
BALANCE WITHOUT BONDS	\$3,170,139	\$3,051,962	\$3,193,158	\$3,502,871	\$3,603,948
FUND BALANCE % OF EXPENDITURES	57%	50%	56%	62%	61%

Italics = Items to be bonded or otherwise financed

Cat. Key: PPC = Previous Project Commitments; LM = Legal Mandate; EBS = Essential for Basic Services; IBS = Improvement to Basic Services; E = Enhancement/Discretionary; AP = Assessment Project; NFR = Need for Further Review