



City of Worthington, Ohio

# 2019-2023 Capital Improvements Program

Adopted December 3, 2018

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## Capital Improvements Program Overview

The five-year Capital Improvement Program (CIP) for 2019-2023 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.

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 look toward adopted plans such as the Parks & Recreation Master Plan and the Wilson Bridge Corridor Enhancement Plan, to identify 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 CIP is submitted for City Council consideration in October and adopted by City Council in December.

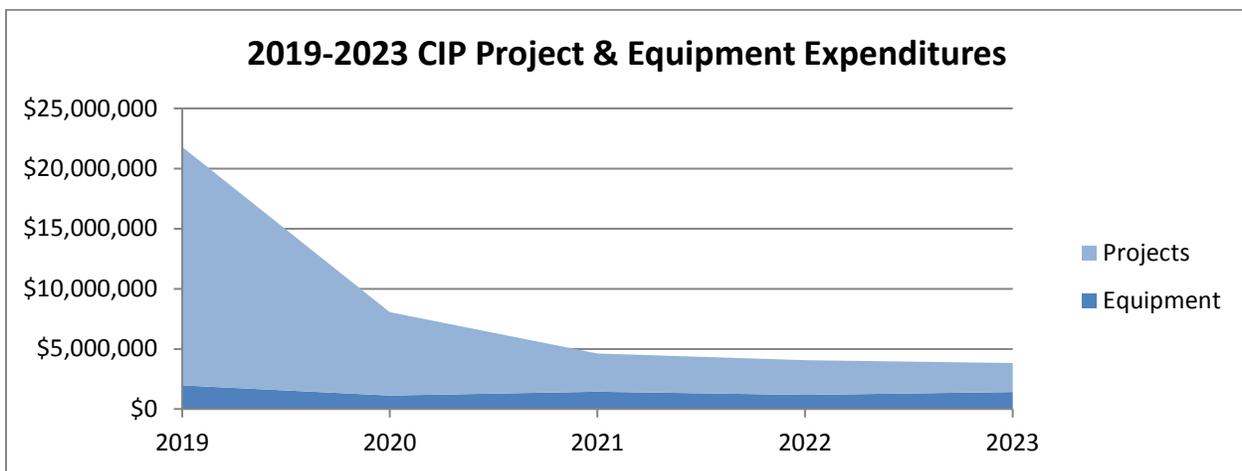
The 2019-2023 CIP is very constrained financially. Initial requests for funding significantly exceeded the funding available. The greatest deficit in any given year from the submittals was for 2019 where requested expenditures exceeded revenue by more than \$4,600,000. In order to bring expenditures in line with revenues, some items were moved to bonding or leasing, increasing the City's debt. Other items were either reduced in funding amount or delayed to later years in the CIP. Some items were incorporated into ongoing programs, thus limiting the funding available for other needs. For example, the Griswold Center's windows need to be replaced. This item was originally submitted as a stand-alone project for \$85,000. It was moved into the Building Improvement Program which is an annual allocation of \$200,000 dedicated toward maintaining City buildings. This means there will be less funding available for items such as painting and ceiling repairs in the Council Chambers, carpet in the Police Building and painting at the Planning & Building facility.

Worthington is a built-out, historic community. As a result, the City's capital investments are primarily focused on maintaining the existing infrastructure. The 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 CIP given the tight financial constraints. The funding in 2019 is allocated to items that must be done. There is very little discretionary spending, especially in 2019. One new initiative that is funded in the first three years of the CIP is microsurfacing of arterial streets. Our arterial streets are our most heavily-used roadways such as High Street, SR-161, Wilson Bridge Road, and Huntley Road, and staff is concerned about losing ground with maintaining the condition of them. Our engineering group has been evaluating the condition of these roadways and looking for ways to more cost effectively keep up with the maintenance needs. Microsurfacing has proven to be effective in extending the timeframe for overlaying the roadway at a significantly lower cost. This is seen as a critical new initiative to preserve the quality of these vital routes.

Even with the revisions made to the submittals, this CIP reflects a slight deficit for the first three years with expenditures exceeding revenues and utilizing the fund balance to make up the difference. The CIP is funded largely by income tax revenues which are projected to increase only .80% in 2019 over 2018 revenues. The CIP does not meet the target that has been established for

the fund balance in this five-year window. Additional discussion of the fund balance is included later in this document.

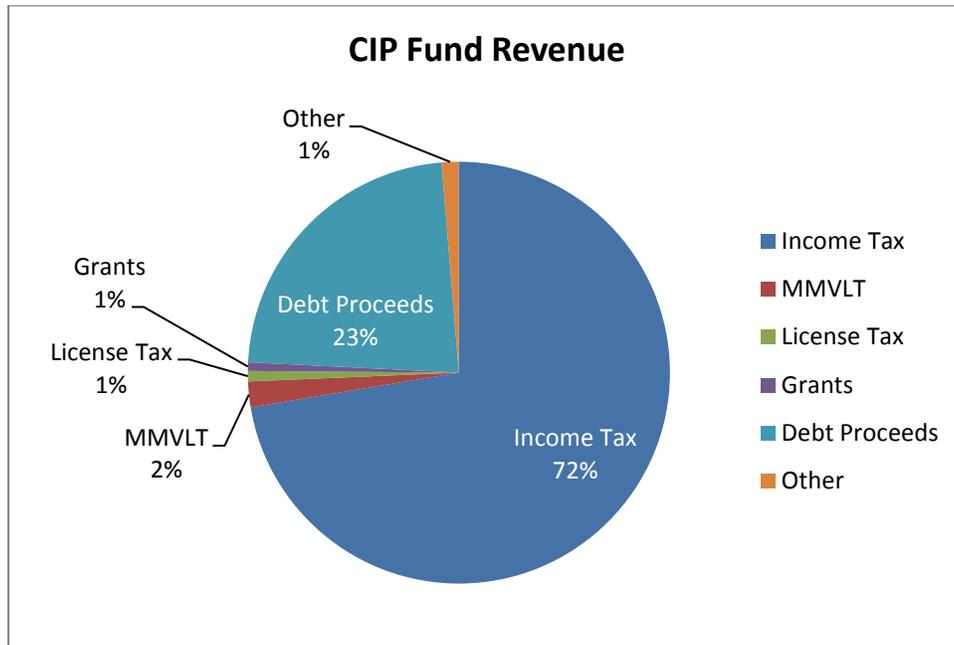
The 2019-2023 CIP expenditures, taking into account all funding sources, reflect higher than typical project expenses in 2019 and 2020. The increase in project expenditures is due to the construction of the Northeast Gateway Project; the Kenyonbrook Trunk Sanitary Sewer project; sanitary sewer improvements in the northern portion of Worthington, and improvements to Rush Run just south of the Northeast Gateway Project. There are higher equipment expenditures in 2019 due primarily to investments in radios for Police, Fire & EMS, Service & Engineering and Parks Maintenance. The later years in the CIP are likely to change as we get closer to the timeframe and more is known about necessary and desired investments.



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, the Northeast Gateway Project and energy conservation measures in City buildings. The City will evaluate 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.

The City has a number of buildings that need investment due to their age. The CIP includes a roof project at the Service & Engineering Building, window replacement at the Griswold Center as part of the Building Improvement Program, and repair or replacement of the windows and doors at the Municipal Building. Given the active public use of the Community Center, there are a number of maintenance projects in the 2019-2023 CIP for that building.

The City plans to issue bond anticipation notes in 2019 and then issue municipal bonds in 2020 combining the 2018 and 2019 bond anticipation note issues to obtain the revenue needed to execute the projects scheduled for bonding in the 2019-2023 CIP. Income taxes make up 72% of the CIP Fund revenue in this five-year period with debt proceeds making up 23%. 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 is considered below.

- *Parks Master Plan Recommendations*

The CIP includes a project for renovation of McCord Park, to be funded partially by bonds, with the remainder to be funded by external funding sources. The external funding could come from a grant or State capital bill funding. The CIP also includes design of renovations for Selby Park, replacement of playgrounds at East Granville Road Park and Shaker Square Park, and replacement of park drinking fountains.

- *Bicycle and Pedestrian Accommodations*

The CIP continues the annual \$100,000 allocation for bicycle and pedestrian improvements and increases it to \$250,000 in 2022 and 2023 in anticipation of recommended

improvements from the Bicycle and Pedestrian Master Plan currently underway. Major improvements for bicyclists and pedestrians are included in the Northeast Gateway project. This project includes the installation of bike lanes, sidewalks and a shared use path along various legs of the new intersections. These improvements are projected to involve an investment of \$1,225,000 for the sidewalk and shared use paths; the bike lanes will be an additional investment. Additionally, the projects along SR-161 will include bicycle and pedestrian accommodations. The \$800,000 included in the previous CIP for enhancements along the Wilson Bridge Road corridor has been eliminated as it would not be sufficient to construct the project. This project will need to be re-evaluated for possible funding sources.

- *Wilson Bridge Road Corridor*

The CIP includes an arterial improvement project in 2019 on East Wilson Bridge Road which will overlay the roadway surface and repair curbs and sidewalks between High Street and the Northeast Gateway Project. The Northeast Gateway Project will be constructed beginning in 2019. This project includes a major re-design of the intersection at Wilson Bridge, Huntley and Worthington Galena Roads and will install significant bicycle and pedestrian infrastructure, including sidewalks, shared use paths and bike lanes. The CIP contains funding for renovations to McCord Park on the eastern end of the Wilson Bridge Road corridor in 2019 and 2020.

There is an opportunity to use accrued tax increment financing (TIF) revenues from The Heights project for enhancements along West Wilson Bridge Road. This is not reflected in the CIP because additional discussion is needed to determine the scope of such a project.

- *Water Lines*

The 2019 Operating Budget includes funding for an inventory and assessment of the City's waterlines. The CIP includes funding beginning in 2020 for implementation of projects recommended by the inventory and assessment.

## Uncertainties

There are several items that could financially impact the 2019-2023 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 may not be available until 2022. If this delay in Federal funds occurs, it will result in the need for the

City to obtain gap financing, most likely 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 exact timing and amount associated with the loan have not yet been clarified, but may result in interest costs paid by the City for the short-term financing. The 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 that may be associated with a SIB loan if one is ultimately needed.

2. *Potential Funding Request from SwimInc* – SwimInc has been engaged in an assessment of their swim facilities that will result in recommendations for significant investment and renovation. It is anticipated that SwimInc will ask the City for financial support for this investment. The specific scope and amount of the request are not yet known; thus the CIP does not include funding for SwimInc.
3. *Investments Associated with Possible Consolidation of the Public Safety Dispatch Operation* – The possibility of contracting with the Northwest Regional Communications Center (NRECC) operated by the City of Dublin for 911 call taking and public safety dispatching is being evaluated. The results of that evaluation are expected to impact the CIP. The City is facing investments in technology systems if we decided to continue to operate our own center. These investments have been put on hold for the evaluation, thus are not included in the CIP. If the City decides to continue to operate the Worthington center, funding for the technology will need to be added. If the City decides to contract with NRECC, funding will likely need to be added for modifications to the Police Building associated with the removal of the center. Other investments may be needed to successfully achieve a transition.
4. *Grant for Self-Contained Breathing Apparatus* – The CIP includes grant funding in the amount of \$250,000 for self-contained breathing apparatus (SCBA) for the Fire Division. These grants are competitive and there is no guarantee that the City will be successful with its grant application. If the application is unsuccessful, the City would need to find funding for this item which must be purchased.
5. *McCord Park Funding* – The CIP reflects \$1,225,000 funding from other sources in 2020 for McCord Park improvements. This funding has not yet been identified.
6. *Recommendations from Assessments of Water Lines and Traffic Signals* – The 2019 Operating Budget includes 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. 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 \$5,200,000 to \$5,739,013 for 2019-2023.

In 2019, the CIP Fund also includes "other revenue" in the amount of \$278,500, which is a transfer from the Special Assessment Bond Retirement Fund. Assessment revenue was incorrectly placed in this fund a number of years ago when it should have been placed in the CIP Fund where the project expenses were incurred. The City is pursuing the appropriate legal process to have these funds transferred into the CIP Fund.

Bonds/Notes – The City can issue municipal bonds to finance capital infrastructure and equipment. The 2019-2023 CIP anticipates the issuance of bonds to fund five sanitary sewer projects, the Northeast Gateway and the associated project to restore Rush Run to the south of the it, waterline improvements, energy conservation improvements to City buildings, and McCord Park Renovations. The City may issue bond anticipation notes for short term financing until the timing is right for a municipal bond issuance.

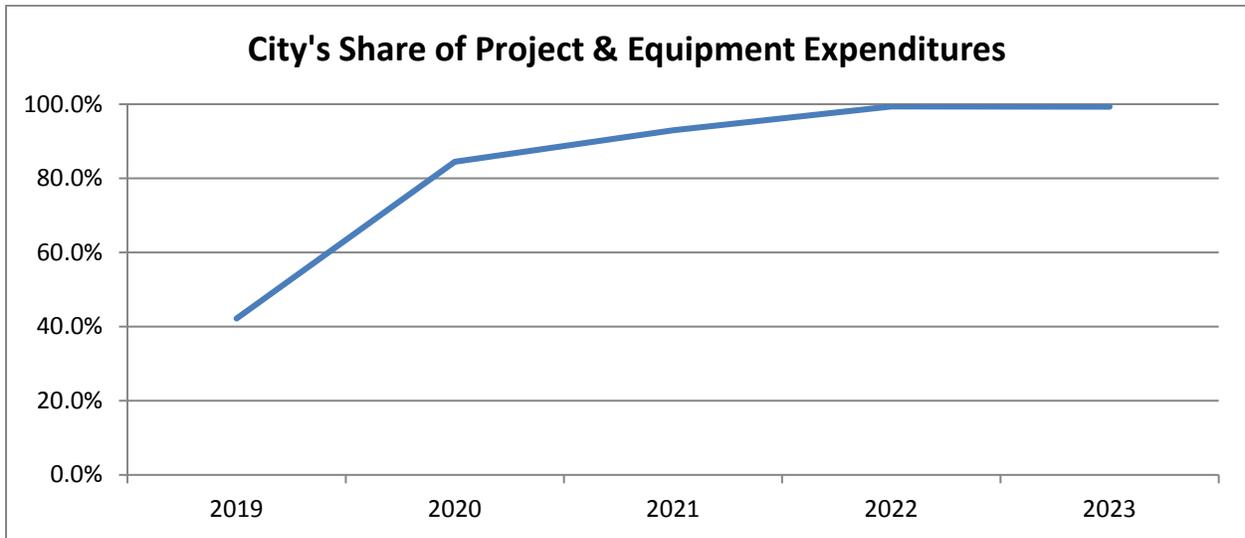
Assessments – The City utilizes special assessments to charge property owners for work that benefits their property. The 2019-2023 CIP anticipates assessments for sidewalk repairs that occur in conjunction with the City's annual street and sidewalk improvement program.

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 2019-2023 CIP utilizes these funds for resurfacing of a small portion of Huntley Road and Schrock Road.

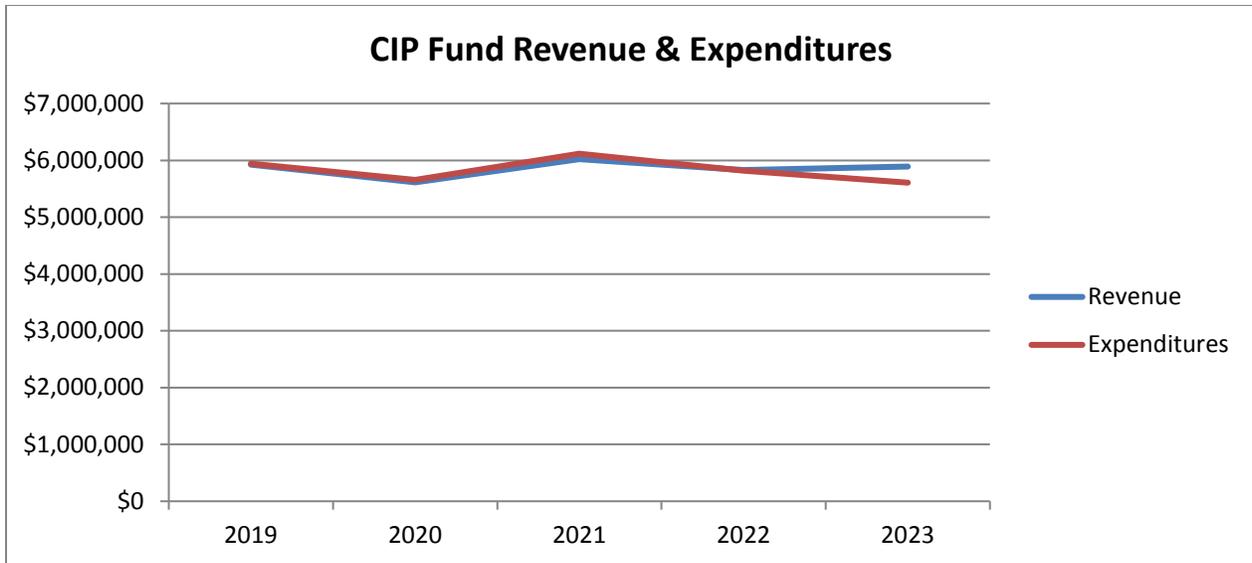
Other – At times, the City is successful in obtaining funding from other sources. The 2019-2023 CIP anticipates federal transportation funds allocated by the Mid-Ohio Regional Planning Commission (MORPC) and funds from the Ohio Public Works Commission for the Northeast Gateway. It also includes grant funding for McCord Park renovations, tax increment financing payments for paver renovations in Old Worthington, lease funds for radios, and grant funds for replacement of self-contained breathing apparatus for the Fire Division.

The revenue used to fund the expenditures in the 2019-2023 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, however the percentage is at 42% in 2019 and 85% in 2020 due to the large amount of federal and state funding in the Northeast Gateway Project and grant funds for the McCord Park Renovations and the purchase of the Self-Contained Breathing Apparatus for the Fire Division.



### 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, the 2019-2023 CIP Fund has expenditures essentially equal to revenue in 2019 and 2022, slightly higher than revenue in 2020 and 2021, and less than revenue in the last year of the CIP.



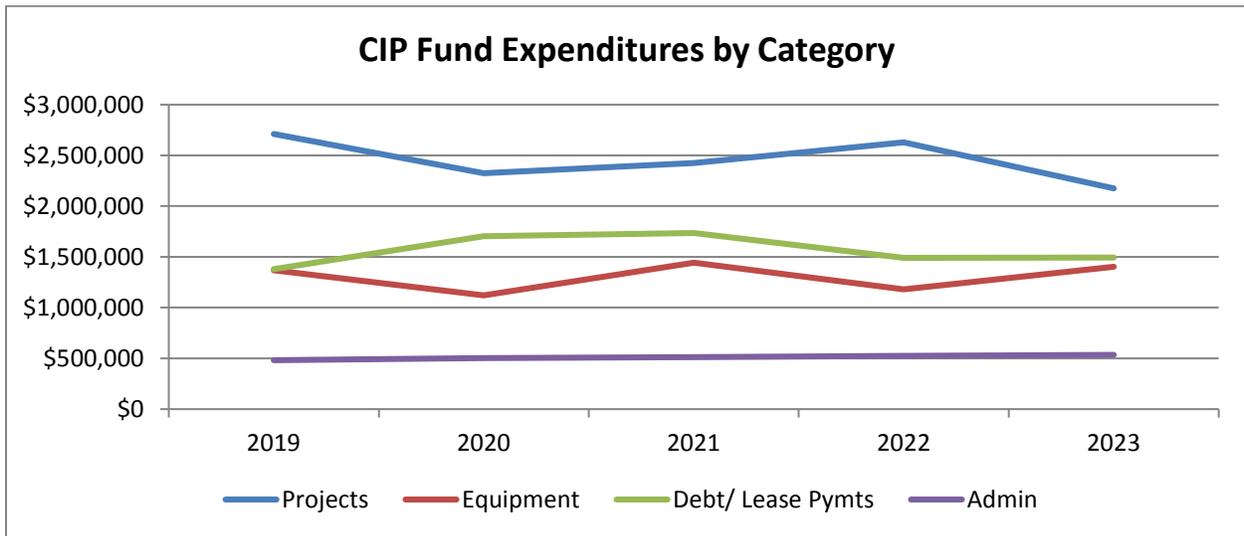
The CIP Fund has four categories of expenditures:

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 \$2,425,000 to \$7,471,000. Excluding projects scheduled for bonding, the annual amount allocated for projects ranges from \$2,175,000 to \$2,711,000.
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 2019-2023 CIP, the annual amount in the CIP Fund allocated for all equipment ranges from \$1,121,000 to \$1,967,500. Excluding equipment scheduled for leasing, the annual amount allocated for equipment ranges from \$1,121,000 to \$1,443,000.
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 2019-2023 CIP range from \$1,379,463 to \$1,735,139.
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,

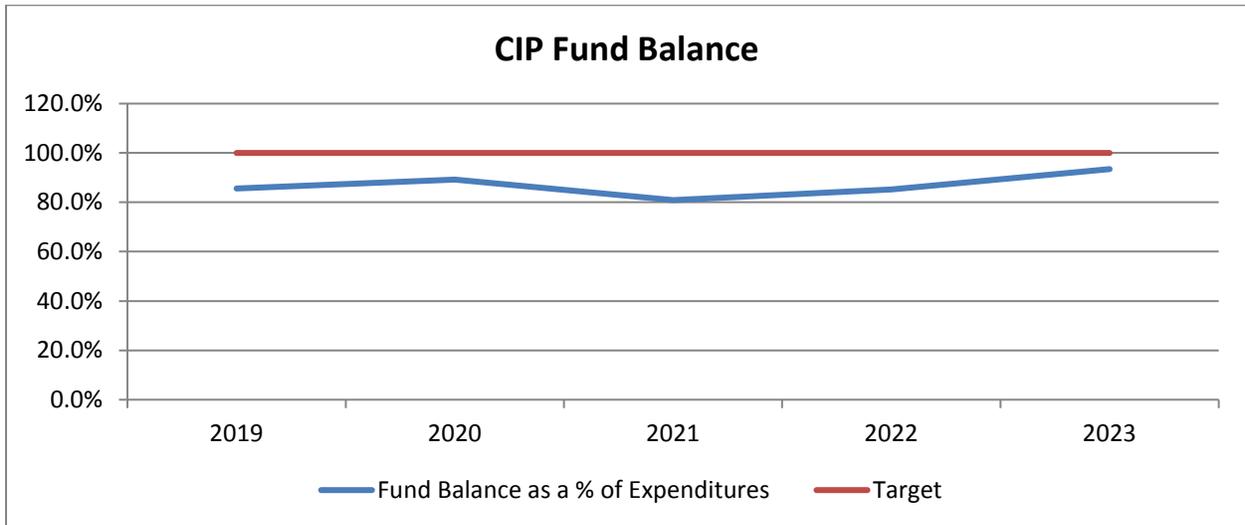
insurance and legal services. These administrative costs range from \$482,000 to \$534,574 in the 2019-2023 CIP.

When excluding projects to be bonded, project expenditures are slightly higher in 2019 and 2021. The exclusion of bonded projects level out the expenditures since the largest projects funded by the City are typically bonded. When excluding the radios which will be financed with a lease agreement, equipment expenditures are higher in 2019, 2021 and 2023 driven primarily by purchases of a medic vehicle and self-contained breathing apparatus in 2019, a medic and information technology servers in 2021, and a fire engine in 2023

The City's debt service payments trend upward due to bond anticipation notes scheduled for issuance in 2019 and municipal bonds scheduled for 2020, plus the anticipated lease agreement for radios. These payments are partially offset in 2022 and 2023 by to the conclusion of payments on the debt issues 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. 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 the 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. By maintaining a level fund balance across the five years, the City's capital expenditures in each year are approximately equal to the revenue collected in each year. 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.



## 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 2019-2023 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 2019-2023 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 2019-2023 projects in this category primarily include renovations to parks and playgrounds, investments in the Old Worthington business area, the Northeast Gateway Project, energy conservation improvements in City buildings and improvements recommended by a study of SR-161 between Olentangy River Road and Sawmill Road.

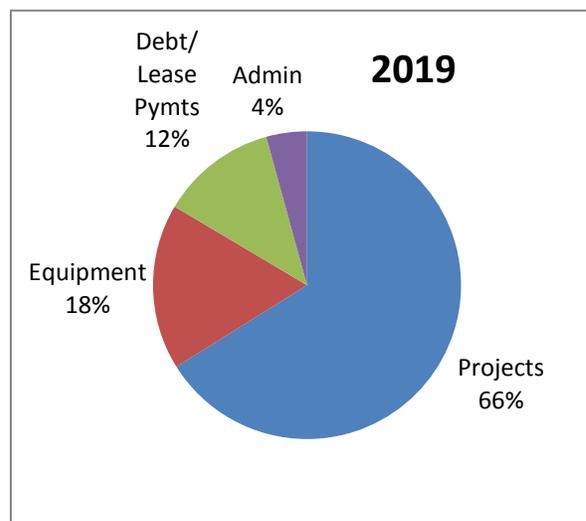
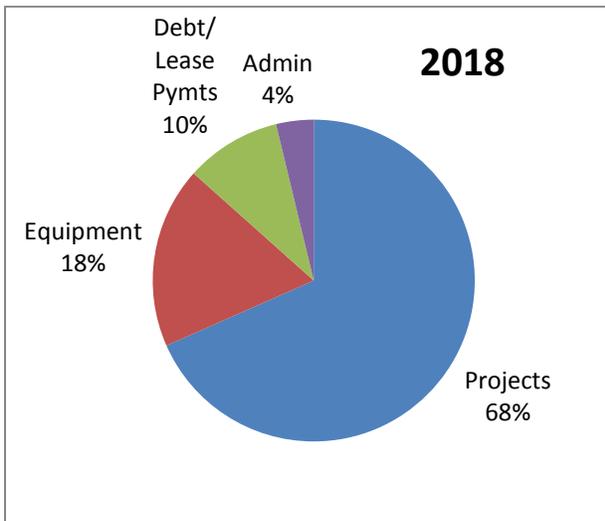
Enhancement / Discretionary – This category includes projects that provide something new that has not been historically provided by the City. The 2019-2023 projects in this category include enhancements to the bike and pedestrian improvements and wayfinding signage.

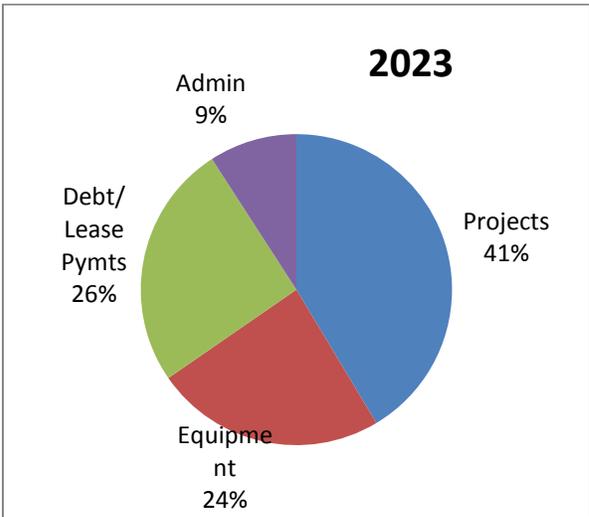
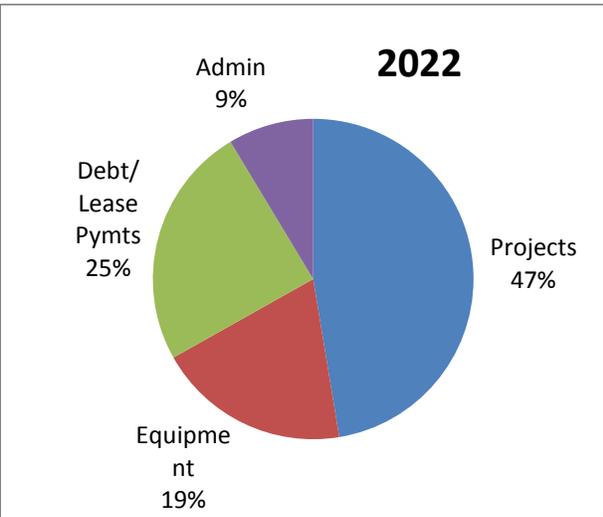
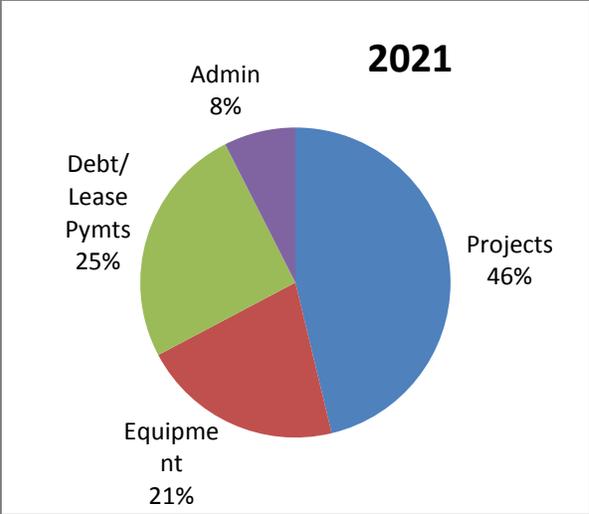
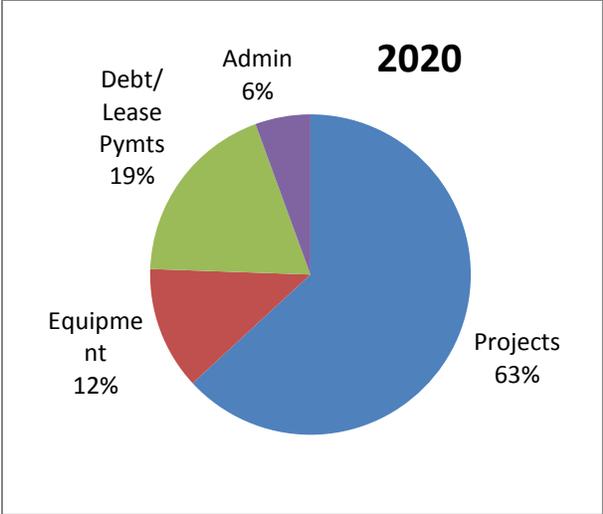
Assessment Projects – This category includes projects that involve special assessments on properties that benefit from the project. The 2019-2023 CIP does not have any projects in this category.

## 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 2018. Under the CIP, the amount spent on projects is notably higher in 2019 and 2020 than in the other three years. This is due primarily to the Northeast Gateway project and Kenyonbrook Trunk Sewer project in 2019 and the North Districts sanitary sewer improvements and the energy conservation improvements for City buildings in 2020. Debt service as a percentage of expenditures increases significantly after 2019 due to a 2018 bond issuance and future issuances planned for 2019 and 2020 and the anticipation of a lease agreement for radios. The cost of the new debt is partially offset after 2021 when the City concludes payments on the debt associated with the Community Center expansion and renovation of the Police Building.

### CIP Fund Categories of Expenditures

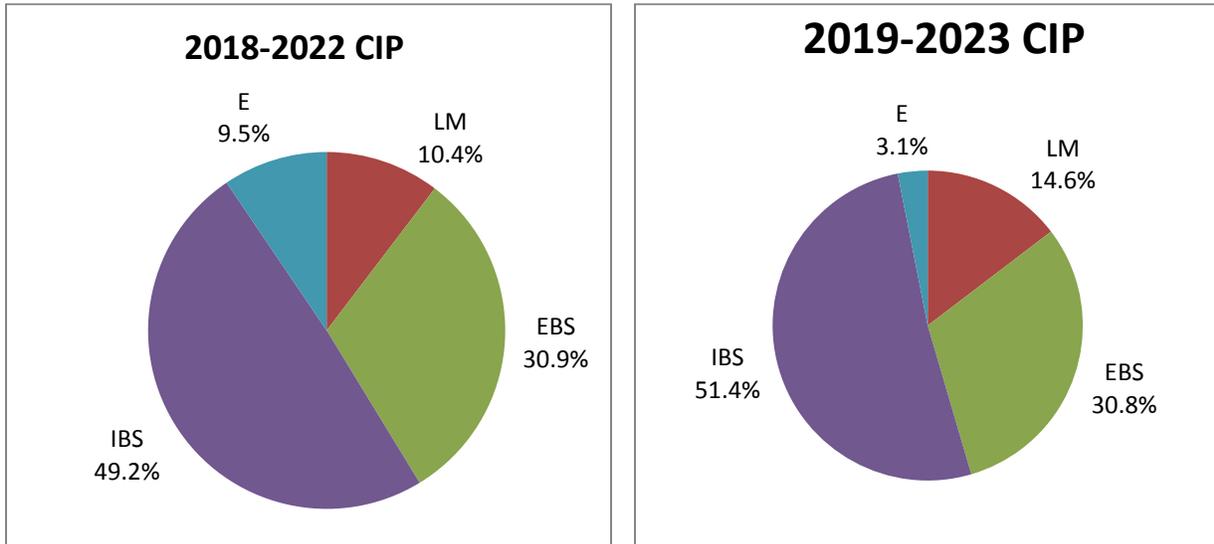




The charts above include all expenditures in the CIP. When bonded projects and leased equipment are excluded, expenditures for projects range from 46% in 2019 to 39% in 2023; expenditures for equipment range from 23% in 2019 to 25% in 2023; and expenditures for debt payments range from 23% in 2019 to 27% in 2023. Administration expenditures stay fairly constant at 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 2019-2023 CIP does not have any projects in the category of Assessment Projects.

## Types of Projects



## Existing and Anticipated Debt

The City's 2019-2023 CIP includes annual debt and lease payments ranging from \$1,379,463 to \$1,735,139. 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 1/1/2019: \$2,300,000

Principal Payment due in 2019: \$750,000

Interest Payment due in 2019: \$37,260

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

Interest: 0%

Original Issuance: \$156,201

Remaining Principal as of 1/1/2019: \$74,195.37

Annual Payments: \$7,810.06

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

Interest: 0%

Original Issuance: \$612,816

Remaining Principal as of 1/1/2019: \$541,320.76

Annual Payments: \$20,428

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 1/1/2019: \$3,525,000

Principal Payment due in 2019: \$230,000

Interest Payment due in 2019: \$77,903

The City issued a Bond Anticipation Note in the amount of \$4,460,000 on September 26, 2018 with a net interest cost of 2.11%. 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 2019-2023 CIP includes additional debt for the following projects:

Kenyonbrook Trunk Sewer Improvements	\$2,100,000
Rush Run Stream Restoration	\$510,000
McCord Park Renovations	\$850,000
Northeast Gateway Project	\$1,700,000
Radios	\$600,000
North Districts Sanitary Sewer Improvements	\$1,000,000
Sanitary Sewer Repairs & Lining	\$250,000
Oxford Court/SW Additional Sanitary Improvement	\$300,000
Waterline Improvements	\$1,000,000
West & Industrial Districts Sewer Improvements	\$500,000
City Buildings Energy Conservation Improvements	\$1,175,000

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2019</b>							
<b>Kenyonbrook Trunk Sewer Improvement (construction)</b>	S&E	LM		\$2,100,000			<b>\$2,100,000</b>
<i>Change: Moved from 2018, increased from \$1,050,000 to \$1,742,850 for Kenyonbrook, and combined with Hardy Way Sanitary Sewer Relocation</i>							
Replacement of the Kenyonbrook Trunk Sewer from High Street to New England Avenue. This section of the trunk sewer was identified as in need of replacement as part of the Southeast Sewershed Study. It is to be constructed in conjunction with Hardy Way Sewer Improvement. This cost is based on a Preliminary Opinion of Costs provided by the consultant based on preliminary plans that outline multiple alternatives. The alternatives range in estimated costs. The cost included here assumes the selection of Alternative 4 which includes one pump station on New England Avenue and gravity realignment at an estimated cost of \$1,742,850. This project also includes \$310,000 for the Hardy Way Sanitary Sewer Relocation which was previously listed separately in the CIP.							
<b>Oxford Court/Southwest Addition Sanitary Improvement (Design)</b>	S&E	LM	\$50,000				<b>\$50,000</b>
<i>Change: None</i>							
Design of the replacement of the sanitary sewers serving the Oxford Court area. These sewers are being evaluated in the Central District Study. Some sewers are not located in public easements and are expected to be recommended for replacement.							
<b>Arterial Improvement - Wilson Bridge Road, Huntley to High</b>	S&E	EBS	\$540,000				<b>\$540,000</b>
<i>Change: Increased cost from \$300,000 and added license tax funding</i>							
Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; re-striping.							
<b>Arterial Microsurfacing</b>	S&E	EBS	\$175,000				<b>\$175,000</b>
<i>Change: New</i>							
As part of the City's maintenance of arterial roadways, this project performs microsurfacing on Worthington Galena Road from High Street to the Northeast Gateway project, and Schrock Road from Worthington Galena to the railroad tracks.							
<b>Building Improvement Program</b>	S&E	EBS	\$200,000				<b>\$200,000</b>
<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.							
<b>CBD Paver Renovation</b>	S&E	EBS				\$20,000	<b>\$20,000</b>
<i>Change: Funding changed to revenues from the downtown tax increment financing district.</i>							
This is a phased project over four years (2019 is year three) to remove, level and reset sidewalk pavers from the Village Green Drive South to South Street.							

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2019</b>							
<b>Community Center Leisure Pool Diamond Brite Resurfacing</b> <i>Change: New</i>	P&R	EBS	\$50,000				<b>\$50,000</b>
Resurfacing of the diamond brite on the pool walls and floor of the leisure pool. There has become some severe pitting especially in the lazy river and vortex area which results in a very abrasive surface resulting in cuts on feet and rough areas on the pool walls and floor.							
<b>Community Center Parking Lot Reconstruction</b> <i>Change: None</i>	S&E	EBS	\$175,000				<b>\$175,000</b>
Reconstruction of the parking lot for the Community Center. This project is being phased over two years (2018 & 2019). This number will be updated as more detail is known about the McCord Park renovations and their impact on the parking lot.							
<b>Fire Hydrant Replacement &amp; Painting</b> <i>Change: New, continuing work started in 2018</i>	S&E	EBS	\$25,000				<b>\$25,000</b>
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.							
<b>Fire Station Alerting System</b> <i>Change: Moved from 2020 and reduced from \$100,000</i>	FD	EBS	\$75,000				<b>\$75,000</b>
Replace outdated station alerting system. New system will alert firefighters of incoming call using newest technology.							
<b>Fleet Garage Floor Sealing</b> <i>Change: New</i>	S&E	EBS	\$16,000				<b>\$16,000</b>
Diamond grind, repair cracks, and apply epoxy covering to Fleet Garage floor							
<b>Municipal Building Windows &amp; Doors</b> <i>Change: New</i>	S&E	EBS	\$160,000				<b>\$160,000</b>
Project was funded in 2018, but funding was needed for the roof project. The windows and exterior doors at this facility are in various states of decay and have been repaired periodically in order to help extend the life of the windows. The window and door systems are in need of replacement and/or repair in order to restore them to a maintainable condition. For budgetary purposes, construction assumes complete replacement of all windows and exterior doors (at main entrances)							
<b>Olentangy River Road Guardrail</b> <i>Change: New</i>	S&E	EBS	\$25,000				<b>\$25,000</b>
Replacement of portions of the guard rail along Olentangy River Road from the northern corporation limit line to the southern corporation limit line along the bike trail and various other locations that are in need of repair.							

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2019</b>							
<b>Perry Park Restroom Roof Replacement and Building Improvements</b>	P&R	EBS	\$14,000				<b>\$14,000</b>
<i>Change: New</i>							
The Perry Park restroom building roof has lost many shingles in the last couple of years and is in need of replacement. The building also needs painting and additional exterior small repairs to buy time until a permanent rehabilitation or replacement can be funded.							
<b>Rush Run Analysis</b>	S&E	EBS	\$25,000				<b>\$25,000</b>
<i>Change: New</i>							
Engineering analysis and development of conceptual alternatives to reduce the risk of continued excess erosion in Rush Run. The effort includes the development of site-level (in-stream stabilization) and watershed-scale (stormwater management) concepts, along the entire reach. The scope includes geomorphic assessment, development of conceptual stabilization alternatives, conceptual-level hydrologic model and stormwater management alternatives & solution recommendations.							
<b>Rush Run - South Street/McCoy Slope Repair &amp; Rehab</b>	S&E	EBS	\$31,000				<b>\$31,000</b>
<i>Change: New</i>							
This work is intended to re-establish the banks of Rush Run. The improvements along the South Street home have been designed by local firm CEC to stabilize the Rush Run failure at the property slope failure at that point in the stream. The gabion degradation (291 McCoy Ave) may be completed in-house. The cost estimate presented is based on engineers opinion of costs for South Street repair plus allowance for repair of gabions near McCoy Bridge, along with an allowance for landscape repair/replacement of equipment access to the stream and gabions.							
<b>Rush Run - Phase 1</b>	S&E	IBS		\$510,000			<b>\$510,000</b>
<i>Change: Moved from 2020 and increased from \$300,000</i>							
This construction project consists of improvements to Rush Run in order to allow the Northeast Gateway project to proceed. This project is required in order to complete the Northeast Gateway project. This cost is based on a preliminary opinion of costs provided by the consultant based on a near final set of plans.							
<b>Service &amp; Engineering Building Roof</b>	S&E	EBS	\$50,000				<b>\$50,000</b>
<i>Change: New</i>							
The Service & Engineering complex roof is aged and shingles are in need of replacement. Original construction was in the 1980s. Repairs have been done by roofing contractors, including the rubberized portions, but the roof is now in need of replacement							
<b>Street &amp; Sidewalk Improvement Program</b>	S&E	EBS	\$875,000		\$25,000		<b>\$900,000</b>
<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.							

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2019</b>								
<b>Traffic Signals &amp; Lighting</b>	S&E	EBS	\$50,000					<b>\$50,000</b>
<i>Change: New</i>								
Replacement of the wire under the concrete & bricks for traffic signals at New England & High Streets, and High Street & SR-161.								
<b>Village Green NE Brick Paver Replacement</b>	P&R	EBS					\$10,000	<b>\$10,000</b>
<i>Change: New</i>								
Many of the bricks on the Northeast Village Green are deteriorating and in need of replacement. The bricks have at times become a trip hazard. We have replaced some of the bricks but a more extensive project is now needed to improve safety and aesthetics of the highly used and visible space.								
<b>McCord Park Renovations Design &amp; Phase I</b>	P&R	IBS		\$450,000				<b>\$450,000</b>
<i>Change: Moved \$200,000 from 2018 and combined with \$250,000 previously allocated in 2019.</i>								
A Concept Plan for McCord Park was completed in 2018. The next step in the process is to complete a more detailed design and the first phase of construction. This funding will provide \$75,000 for detailed design and \$375,000 for phase one of the renovations. Phase one will include the areas of the playground, community garden, train observation area and parking lot removal.								
<b>Northeast Gateway Project (Construction)</b>	S&E	IBS		\$1,700,000			\$12,325,000	<b>\$14,025,000</b>
<i>Change: Increased the overall cost from \$12,348,042 and reduced the City's cost from \$2,814,253 due to the addition of OPWC funding</i>								
Improvement of the Huntley / Wilson Bridge / Worthington-Galena intersection and the connection of the intersection to Sancus Boulevard. This is the construction phase of the project, funded in large part by Federal Attributable Funds and Ohio Public Works Commission funds.								
<b>Bike &amp; Pedestrian Improvements</b>	P&R	E	\$100,000					<b>\$100,000</b>
<i>Change: None</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.								
<b>Community Wayfinding Signage</b>	P&B	E	\$50,000					<b>\$50,000</b>
<i>Change: Reduced from \$75,000</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.								
2019 Total Projects			\$2,686,000	\$4,760,000	\$25,000	\$0	\$12,355,000	<b>\$19,826,000</b>

<b>Year: 2020</b>								
<b>North Districts Sanitary Sewer Improvements</b>	S&E	LM		\$1,000,000				<b>\$1,000,000</b>
<i>Change: Increased from \$500,000</i>								
Repair, rehabilitation and/or replacement of sanitary sewer infrastructure in the North Sanitary Sewer districts as identified in the North Districts Study.								

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2020</b>							
<b>Sanitary Sewer Repairs &amp; Lining</b>	S&E	LM		\$250,000			<b>\$250,000</b>
<i>Change: New</i>							
This project includes sewer lining work identified in the sanitary sewer evaluation studies.							
<b>Oxford Court/Southwest Addition Sanitary Improvement</b>	S&E	LM		\$300,000			<b>\$300,000</b>
<i>Change: None</i>							
Design of the replacement of the sanitary sewers serving the Oxford Court area. These sewers are being evaluated in the Central District Study. Some sewers are not located in public easements and are expected to be recommended for replacement.							
<b>West &amp; Industrial Districts Sewer Study</b>	S&E	LM	\$200,000				<b>\$200,000</b>
<i>Change: None</i>							
Sanitary Sewer Evaluation Study (SSES) of the west and industrial sanitary sewer districts as mandated by the Directors Findings and Orders issued to the City by the Ohio EPA. A portion of this work is currently being completed as part of the Central District SSES. That study will provide information as to the need for additional study.							
<b>Arterial Microsurfacing</b>	S&E	EBS	\$175,000				<b>\$175,000</b>
<i>Change: New</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.							
<b>Building Improvement Program</b>	S&E	EBS	\$200,000				<b>\$200,000</b>
<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.							
<b>CBD Paver Renovation</b>	S&E	EBS				\$20,000	<b>\$20,000</b>
<i>Change: Funding changed to revenues from the downtown tax increment financing district.</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							
<b>Community Center Fitness Floor Painting</b>	P&R	EBS	\$14,500				<b>\$14,500</b>
<i>Change: None</i>							
Repainting of the fitness floor area of the Community Center. The area is typically painted every five years on average.							
<b>Community Center Locker Room Painting</b>	P&R	EBS	\$9,500				<b>\$9,500</b>
<i>Change: None</i>							
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.							

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2020</b>							
<b>Community Center North Locker Room Improvements</b>	P&R	EBS	\$26,500				<b>\$26,500</b>
<i>Change: Combination of prior 2019 shower stall alteration project (\$16,500) and new funds to update lockers.</i>							
Improvements to the North Locker Room Shower Stalls and Lockers							
<b>Community Center South End Door Replacements</b>	P&R	EBS	\$70,000				<b>\$70,000</b>
<i>Change: None</i>							
Replacement of exterior doors on the south end of the Community Center.							
<b>Community Center Window Replacements - Art, Pottery &amp; Childcare</b>	P&R	EBS	\$30,000				<b>\$30,000</b>
<i>Change: Increased from \$26,000</i>							
Replacement of the windows in the art studio, pottery room, and childcare room in the south end of the Community Center.							
<b>Fire Hydrant Replacement &amp; Painting</b>	S&E	EBS	\$25,000				<b>\$25,000</b>
<i>Change: New, creation of a multi-year program</i>							
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.							
<b>Rush Run Stream Restoration Analysis Improvements</b>	S&E	EBS	\$250,000				<b>\$250,000</b>
<i>Change: New</i>							
Implementation of the study recommendations regarding the restoration of the stream environment of Upper Rush Run from the Huntley Bowl south. Work to include environmentally sound techniques to remove silt and provide improved drainage.							
<b>Street &amp; Sidewalk Improvement Program</b>	S&E	EBS	\$875,000		\$25,000		<b>\$900,000</b>
<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.							
<b>Traffic Signal Improvement Program</b>	S&E	EBS	\$50,000				<b>\$50,000</b>
<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.							

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2020</b>								
<b>Waterline Improvements</b>	S&E	EBS		\$250,000				<b>\$250,000</b>
<i>Change: New (previously funded starting in 2021) and funding moved to bonds</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 to be determined during assessment.								
<b>City Buildings Energy Conservation Improvements</b>	S&E	IBS		\$1,175,000				<b>\$1,175,000</b>
<i>Change: New</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. This project includes funding for the recommended improvements in the remaining city buildings (Municipal Building, Police Building, Fire Station, Planning & Building Facility, Service & Engineering Building, Parks Maintenance Building, McConnell Arts Center).								
<b>McCord Park Renovations Phase 2</b>	P&R	IBS		\$400,000		\$1,225,000		<b>\$1,625,000</b>
<i>Change: Changed to Phase 2 from Phase 3. Total cost increased from \$400,000. We anticipate this project to cost around \$2 million and we will need to find other funding sources such as grant resources.</i>								
Phase two of the McCord Park renovations as recommended in the Parks Master Plan. The renovations will follow the McCord Park Master Plan. This phase is likely to include the ball diamonds, restroom facility, and entrance to the park from Wilson Bridge Road.								
<b>Selby Park Playground Replacement</b>	P&R	IBS	\$225,000					<b>\$225,000</b>
<i>Change: Increased from \$185,000</i>								
Replacement of the Selby Park Playground. The playground is 18 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.								
<b>Bike &amp; Pedestrian Improvements</b>	P&R	E	\$100,000					<b>\$100,000</b>
<i>Change: None</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.								
<b>Community Wayfinding Signage</b>	P&B	E	\$50,000					<b>\$50,000</b>
<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			\$2,300,500	\$3,375,000	\$25,000	\$0	\$1,245,000	<b>\$6,945,500</b>

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total
			CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2021</b>							
<b>West &amp; Industrial Districts Sewer Improvements</b>	S&E	LM		\$500,000			<b>\$500,000</b>
<i>Change: None</i>							
Repair, rehabilitation and/or replacement of sanitary sewer infrastructure in the West and Industrial districts as identified in the West and Industrial Districts Study.							
<b>Arterial Improvements (Huntley Road, South of Schrock to railroad tracks; Schrock Road, East Corp to railroad tracks)</b>	S&E	EBS	\$300,000			\$300,000	<b>\$600,000</b>
<i>Change: Increased from \$290,000 and incorporated License Tax funding</i>							
Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping.							
<b>Arterial Microsurfacing</b>	S&E	EBS	\$175,000				<b>\$175,000</b>
<i>Change: New</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.							
<b>Building Improvement Program</b>	S&E	EBS	\$200,000				<b>\$200,000</b>
<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.							
<b>Fire Hydrant Replacement &amp; Painting</b>	S&E	EBS	\$25,000				<b>\$25,000</b>
<i>Change: New, creation of a multi-year program</i>							
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.							
<b>Street &amp; Sidewalk Improvement Program</b>	S&E	EBS	\$875,000		\$25,000		<b>\$900,000</b>
<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.							
<b>Waterline Improvements</b>	S&E	EBS		\$250,000			<b>\$250,000</b>
<i>Change: Funding moved to bonds</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.							

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total	
			CIP Fund	Bonds	Assessment	License Tax		Other
<b>Year: 2021</b>								
<b>East Granville Road Park Playground Replacement</b>	P&R	IBS	\$100,000				<b>\$100,000</b>	
<i>Change: Increased from 95,000</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.								
<b>Security System Improvements</b>	S&E	IBS	\$50,000				<b>\$50,000</b>	
<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.								
<b>SR-161 Study Recommendations</b>	S&E	IBS	\$225,000				<b>\$225,000</b>	
<i>Change: New</i>								
Implementation of projects recommended by the study of SR-161 between Olentangy River Road and Sawmill Road. The amount is a placeholder until specific projects are authorized and the City's potential share can be determined.								
<b>Bike &amp; Pedestrian Improvements</b>	P&R	E	\$100,000				<b>\$100,000</b>	
<i>Change: None</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.								
<b>Community Wayfinding Signage</b>	P&B	E	\$50,000				<b>\$50,000</b>	
<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.								
<b>2022 Total - Projects</b>			<b>\$2,100,000</b>	<b>\$750,000</b>	<b>\$25,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$3,175,000</b>

<b>Year: 2022</b>							
<b>Grit Pad Installation and Service Yard Improvements</b>	S&E	LM	\$50,000				<b>\$50,000</b>
<i>Change: Moved from 2018 Building Improvement, delayed until 2022 and increased from \$10,000</i>							
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.							

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2022</b>								
<b>Sanitary Sewer Repairs &amp; Lining</b>	S&E	LM	\$500,000					<b>\$500,000</b>
<i>Change: None</i>								
This project includes sewer lining work identified in the sanitary sewer evaluation studies.								
<b>Arterial Improvements (High Street, South Corp. to South Street)</b>	S&E	EBS	\$300,000					<b>\$300,000</b>
<i>Change: Increased cost from \$254,000</i>								
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								
<b>Building Improvement Program</b>	S&E	EBS	\$200,000					<b>\$200,000</b>
<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.								
<b>Community Center Carpet Replacement</b>	P&R	EBS	\$135,000					<b>\$135,000</b>
<i>Change: No Change</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.								
<b>Fire Hydrant Replacement &amp; Painting</b>	S&E	EBS	\$25,000					<b>\$25,000</b>
<i>Change: New, creation of a multi-year program</i>								
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.								
<b>Street &amp; Sidewalk Improvement Program</b>	S&E	EBS	\$875,000		\$25,000			<b>\$900,000</b>
<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.								
<b>Traffic Signal Improvement Program</b>	S&E	EBS	\$50,000					<b>\$50,000</b>
<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.								

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2022</b>								
<b>Waterline Improvements</b>	S&E	EBS		\$250,000				<b>\$250,000</b>
<i>Change: Funding moved to bonds</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.								
<b>Selby Park Renovations Design</b>	P&R	IBS	\$60,000					<b>\$60,000</b>
<i>Change: New</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.								
<b>Shaker Square Park Playground Replacement</b>	P&R	IBS	\$95,000					<b>\$95,000</b>
<i>Change: None</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.								
<b>Street Sign Upgrades</b>	S&E	IBS	\$12,500					<b>\$12,500</b>
<i>Change: New</i>								
Upgrade street signs incrementally to incorporate a new color scheme and bring lettering into compliance with reflectivity								
<b>Bike &amp; Pedestrian Improvements</b>	P&R	E	\$250,000					<b>\$250,000</b>
<i>Change: Increased from 100,000 based on request from Bike &amp; Pedestrian Advisory Board</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.								
<b>Community Wayfinding Signage</b>	P&B	E	\$50,000					<b>\$50,000</b>
<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			\$2,602,500	\$250,000	\$25,000	\$0	\$0	<b>\$2,877,500</b>

<b>Year: 2023</b>								
<b>Building Improvement Program</b>	S&E	EBS	\$200,000					<b>\$200,000</b>
<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.								

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2023</b>								
<b>Fire Hydrant Replacement &amp; Painting</b>	S&E	EBS	\$25,000					<b>\$25,000</b>
<i>Change: New, creation of a multi-year program</i>								
Replacement of old/inoperable hydrants and maintenance of all hydrants. This is a multi-year need.								
<b>Street &amp; Sidewalk Improvement Program</b>	S&E	EBS	\$875,000		\$25,000			<b>\$900,000</b>
<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.								
<b>Waterline Improvements</b>	S&E	EBS		\$250,000				<b>\$250,000</b>
<i>Change: None</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.								
<b>Linworth Park and Wilson Hill Park Playground Replacements</b>	P&R	IBS	\$250,000					<b>\$250,000</b>
<i>Change: New</i>								
Replacement of the playgrounds in Linworth Park and Wilson Hill Park. These playgrounds were built in the late 1990's and have reached the end of their useful life.								
<b>Security System Improvements</b>	S&E	IBS	\$50,000					<b>\$50,000</b>
<i>Change: Continuation of bi-annual program</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.								
<b>SR-161 Study Recommendations</b>	S&E	IBS	\$450,000					<b>\$450,000</b>
<i>Change: New</i>								
Implementation of projects recommended by the study of SR-161 between Olentangy River Road and Sawmill Road. The amount is a placeholder until specific projects are authorized and the City's potential share can be determined.								
<b>Bike &amp; Pedestrian Improvements</b>	P&R	E	\$250,000					<b>\$250,000</b>
<i>Change: Increased from 100,000 based on request from Bike &amp; Pedestrian Advisory Board</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.								

## 2019-2023 Capital Improvement Program - Projects

Project	Dept.	Category	Funding				Total	
			CIP Fund	Bonds	Assessment	License Tax		Other
<b>Year: 2023</b>								
<b>Community Wayfinding Signage</b>	P&B	E	\$50,000					<b>\$50,000</b>
<i>Change: Continuation of annual program</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.								
2023 Total - Projects			\$2,150,000	\$250,000	\$25,000	\$0	\$0	<b>\$2,425,000</b>
<b>TOTAL CIP PROJECTS</b>			<b>\$11,839,000</b>	<b>\$9,385,000</b>	<b>\$125,000</b>	<b>\$300,000</b>	<b>\$13,600,000</b>	<b>\$35,249,000</b>

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2019</b>							
<b>Computer Replacement Program</b>	A/IT	\$85,000					<b>\$85,000</b>
<i>Change: None</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.							
<b>Radios</b>	A/IT					\$ 600,000	<b>\$600,000</b>
<i>Change: Increased from \$100,000 annually to \$600,000 in one year and moved to lease financing</i>							
The City's radios, which are used in police, fire, service and parks maintenance, are nearing the end of their supported life. Beginning in 2018, parts are no longer be manufactured for certain radio models in use by the City. This project provides funding to replace radios.							
<b>Server and Network</b>	A/IT	\$55,000					<b>\$55,000</b>
<i>Change: New</i>							
Many critical public safety and administrative systems run on infrastructure housed in the data center in the Police Division. Upgrades were completed to this infrastructure in 2017 and 2018. This is an annual program to provide for growth and programmatic renewal.							
<b>CAD Display Monitors</b>	FD	\$12,000					<b>\$12,000</b>
<i>Change: Increased from \$7,500</i>							
Install six video display monitors in areas of the Fire Station to display emergency call information and data.							
<b>Copier/Printer/Fax/Scanner</b>	FD	\$16,000					<b>\$16,000</b>
<i>Change: None</i>							
Replace the aging Minolta copier/printer/fax/scanner for the division. Maintenance and repairs continue to increase and efficiency with the current unit is decreasing.							
<b>Fire Hose</b>	FD	\$10,000					<b>\$10,000</b>
<i>Change: Reduced from \$13,000</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.							
<b>Fire Initial Issue</b>	FD	\$18,000					<b>\$18,000</b>
<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.							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding				Total
		CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2019</b>						
<b>Firefighter Protective Equipment</b> <i>Change: Reduced from \$49,000</i> Structural firefighting personal protective equipment, Protective equipment and gear for Collapse/Rescue team members, other personnel protective equipment and water rescue gear.	FD	\$44,000				<b>\$44,000</b>
<b>Medic Vehicle (#0516/M102)</b> <i>Change: None</i> This is the replacement of Medic M103/0516	FD	\$327,000				<b>\$327,000</b>
<b>Self-Contained Breathing Apparatus</b> <i>Change: Moved from 2018</i> Replacement of the 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. Staff plans to pursue a grant to fund this equipment.	FD	\$50,000			\$250,000	<b>\$300,000</b>
<b>Small Equipment Replacement</b> <i>Change: None</i> Replace various small equipment in the Fire Division.	FD	\$15,000				<b>\$15,000</b>
<b>Community Center Fitness Equipment</b> <i>Change: Carried over from 2018 - \$41,000 plus adding another \$19,000 for additional equipment needs.</i> Description: Replacement of Community Center Fitness Equipment including Selectorized Machines, Olympic Benches, and Core Stretching Machines. Most of this was originally scheduled in 2018 and was deferred due to new Fitness Supervisor wanting time to assess.	P&R	\$60,000				<b>\$60,000</b>
<b>Griswold Copier</b> <i>Change: None</i> Replacement of the copy machine at the Griswold Center.	P&R	\$11,000				<b>\$11,000</b>
<b>Park Drinking Fountain Replacements</b> <i>Change: Description change only</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.	P&R	\$10,000				<b>\$10,000</b>

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2019</b>							
<b>Polaris ATV #0283 Replace with Pick-Up Truck</b> <i>Change: New</i>	P&R	\$25,000					<b>\$25,000</b>
<p>In an effort to take on more responsibilities over the years we have increased our seasonal staffing levels. This has helped keep up with work without adding full-time staffing but it has put a strain on our vehicle availability. From April through October we are regularly short on vehicles to get staff to work sites. The Polaris ATV is used around the Highland Complex and at times a few other close sites but cannot be used for greater distances across town. This replaces the Polaris ATV that is up for replacement with a pickup that we will be able to use without limitations to most efficiently utilize our staff resources. The cost difference between a Polaris ATV and truck is about \$10,000.</p>							
<b>Small Equipment Replacement</b> <i>Change: None</i>	P&R	\$15,000					<b>\$15,000</b>
<p>Annual replacement of small equipment in the Parks &amp; Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.</p>							
<b>Turf Mowers</b> <i>Change: Increased from \$12,000</i>	P&R	\$14,000					<b>\$14,000</b>
<p>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 this frequency.</p>							
<b>Breath Testing Equipment</b> <i>Change: New</i>	PD	\$12,000					<b>\$12,000</b>
<p>Ohio Department of Health is discontinuing service of the BAC Machine Testing Devices. This is the approximated cost of new devices, and including ancillary equipment.</p>							
<b>In Car Video Equipment</b> <i>Change: Moved from 2020 due to vendor discontinuation notification</i>	PD	\$70,000					<b>\$70,000</b>
<p>Anticipate the need to replace the video equipment in the police cars.</p>							
<b>Mobile Data Terminals - Police</b> <i>Change: Increased from \$15,000</i>	PD	\$21,500					<b>\$21,500</b>
<p>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.</p>							
<b>Police Cruisers #0322 &amp; 0324</b> <i>Change: None</i>	PD	\$85,000					<b>\$85,000</b>
<p>A portion of the police cruisers are replaced each year to ensure the reliability of these high use vehicles. Two cruisers are scheduled for replacement.</p>							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2019</b>							
<b>Police Initial Issue</b> <i>Change: None</i> Anticipation of possibly five officers/staff retiring, this funding covers all initial issue costs for a new officer other than ballistic vest which are included in operating as part of the collective bargaining agreement.	PD	\$32,500					<b>\$32,500</b>
<b>Police Vehicle Equipment</b> <i>Change: None</i> New: <i>Upfitting of new vehicle due to retention of SUV for SRO</i> Radio equipment, radios, radar, lighting, and other equipment will be needed to upfit one new 2019 SUV	PD	\$25,000					<b>\$25,000</b>
<b>Hand Tool Replacements for Garage</b> <i>Change: New</i> Upgrade hand tools and tool boxes for garage personnel	S&E	\$10,000					<b>\$10,000</b>
<b>Leaf Vacuum (#465)</b> <i>Change: None</i> Replacement of a 1989 leaf vacuum used heavily in leaf season	S&E	\$75,000					<b>\$75,000</b>
<b>Small Equipment Replacement</b> <i>Change: None</i> Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.	S&E	\$10,000					<b>\$10,000</b>
<b>Zero Turn Mower (#4179)</b> <i>Change: Reduced from \$12,000</i> Replacement of a 2012 Hustler Z mower used for ground maintenance throughout the City	S&E	\$9,500					<b>\$9,500</b>
<b>2019 Total - Equipment</b>		<b>\$1,117,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$850,000</b>	<b>\$1,967,500</b>

<b>Year: 2020</b>							
<b>Computer Replacement Program</b> <i>Change: None</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.	A/IT	\$85,000					<b>\$85,000</b>
<b>Server and Network</b> <i>Change: New</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.	A/IT	\$55,000					<b>\$55,000</b>

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2020</b>							
<b>Fire Hose</b> <i>Change: Reduced from \$13,000</i>	FD	\$10,000					<b>\$10,000</b>
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.							
<b>Fire Initial Issue</b> <i>Change: None</i>	FD	\$18,000					<b>\$18,000</b>
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.							
<b>Firefighter Personal Protection Equipment</b> <i>Change: None</i>	FD	\$48,000					<b>\$48,000</b>
Firefighter structural firefighting protective equipment							
<b>Mobile Data Terminals for Fire Vehicles</b> <i>Change: None</i>	FD	\$75,000					<b>\$75,000</b>
Replacement of the mobile data terminals (computers) in the Fire & EMS vehicles.							
<b>SCBA Filling Station</b> <i>Change: Split across two years</i>	FD	\$40,000					<b>\$40,000</b>
Replacement of the breathing air system air compressor and cascade bottles							
<b>Small Equipment Replacement</b> <i>Change: None</i>	FD	\$15,000					<b>\$15,000</b>
Replace various small equipment							
<b>SUV (BN101/0523)</b> <i>Change: Substituted BN101 for C102</i>	FD	\$60,000					<b>\$60,000</b>
Replacement of BN101/0523 Command Vehicle.							
<b>Community Center Basketball Backboards/Equipment</b> <i>Change: None</i>	P&R	\$30,000					<b>\$30,000</b>
Replacement of all eight electronically operated basketball backboards, operators, pullies, cables, and relays in the Community Center gymnasiums. This price includes installation.							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2020</b>							
<b>Community Center Digital Screen Replacement</b>	P&R	\$10,000					<b>\$10,000</b>
<i>Change: Delayed from 2019</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.							
<b>Community Center Domestic Hot Water Tank Replacement</b>	P&R	\$21,000					<b>\$21,000</b>
<i>Change: None</i>							
Replacement of the domestic hot water tank at the Community Center. The current unit will be at the end of its useful life.							
<b>Community Center Variable Speed Drives Replacement</b>	P&R	\$16,500					<b>\$16,500</b>
<i>Change: None</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.							
<b>Park Drinking Fountain Replacements</b>	P&R	\$10,000					<b>\$10,000</b>
<i>Change: Description change only</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.							
<b>Small Equipment Replacement</b>	P&R	\$15,000					<b>\$15,000</b>
<i>Change: None</i>							
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.							
<b>Transit Bus (#0210)</b>	P&R	\$89,000					<b>\$89,000</b>
<i>Change: Increased from \$87,000</i>							
Replacement of a 2007 Ford E450 transit bus that is used to haul seniors and campers to activities and events.							
<b>Turf Mowers</b>	P&R	\$14,000					<b>\$14,000</b>
<i>Change: Increased from \$12,000</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.							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2020</b>							
<b>Mobile Data Terminals - Police</b> <i>Change: None</i>	PD	\$22,500					<b>\$22,500</b>
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.							
<b>Police Cruisers</b> <i>Change: None</i>	PD	\$130,000					<b>\$130,000</b>
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.							
<b>Staff Car (#0333)</b> <i>Change: None</i>	PD	\$25,000					<b>\$25,000</b>
2005 Ford Fusion. Replace with similar chassis with new safety lighting and radio equipment.							
<b>Virtual Law Enforcement Training System (FATS)</b> <i>Change: Rounded from \$44,578</i>	PD	\$45,000					<b>\$45,000</b>
Virtual Law Enforcement Training System that can train officers/citizen academy members in an active threat situation using risk-based scenarios with bluetooth sensors for realistic weapons and intermediate weapons systems response.							
<b>4x4 Utility Vehicle (#0480)</b> <i>Change: None</i>	S&E	\$12,000					<b>\$12,000</b>
Replacement of a 2004 RTV900W Utility Vehicle that will be 16 years old							
<b>Air Compressor (#0478)</b> <i>Change: Increased from \$28,000</i>	S&E	\$31,000					<b>\$31,000</b>
Replacement of a 1996 Atlas Copco towable air compressor. Price increase due to Tier IV emissions.							
<b>Cargo Van (#0420)</b> <i>Change: None</i>	S&E	\$30,000					<b>\$30,000</b>
Replacement of a 2004 Chevrolet Astro Van							
<b>1 Ton Dump w/Plow &amp; Spreader (#0433)</b> <i>Change: None</i>	S&E	\$85,000					<b>\$85,000</b>
Replacement of a 2012 F550 utilized daily for Service maintenance work, leaf collection and snow removal.							
<b>Hand Tool Replacements for Garage</b> <i>Change: New</i>	S&E	\$10,000					<b>\$10,000</b>
Replacement of hand tools for Garage							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2020</b>							
<b>Hot Plastic Applicator (#0488)</b> <i>Change: None</i> Replace 2007 Trantexx Street Striping machine.	S&E	\$20,000					<b>\$20,000</b>
<b>Pressure Washer (#4202)</b> <i>Change: Increased from \$6,000</i> Replace 1997 Building Two Hotsy Pressure Washer. Experiencing high maintenance and problems with parts availability.	S&E	\$9,000					<b>\$9,000</b>
<b>Scan Tools for Garage</b> <i>Change: New</i> Replace/Upgrade Garage Tools (engine/body scanner, ABS scanner/programmer)	S&E	\$15,000					<b>\$15,000</b>
<b>Small Equipment Replacement</b> <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.	S&E	\$10,000					<b>\$10,000</b>
<b>Wood Chipper (#0464)</b> <i>Change: Increased from \$43,000</i> Replacement of a 2006 Carlton Wood chipper. Used regularly by Parks and Service departments. Increase due to compliance with Tier IV emissions	S&E	\$65,000					<b>\$65,000</b>
<b>2020 Total - Equipment</b>		<b>\$1,121,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,121,000</b>

<b>Year: 2021</b>							
<b>Computer Replacement Program</b> <i>Change: None</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.	A/IT	\$85,000					<b>\$85,000</b>
<b>Municipal Building Furniture</b> <i>Change: None</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.	A/IT	\$20,000					<b>\$20,000</b>

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2021</b>							
<b>Payroll &amp; Accounting Software</b> <i>Change: New</i>	A/IT	\$200,000					<b>\$200,000</b>
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.							
<b>Server and Network</b> <i>Change: New</i>	A/IT	\$155,000					<b>\$155,000</b>
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.							
<b>Timekeeping Hardware/Software</b> <i>Change: None</i>	A/IT	\$15,000					<b>\$15,000</b>
Continuing implementation of new timekeeping software.							
<b>Fire Initial Issue</b> <i>Change: None</i>	FD	\$18,000					<b>\$18,000</b>
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.							
<b>Firefighter Protective Equipment</b> <i>Change: None</i>	FD	\$45,000					<b>\$45,000</b>
Firefighter Personal Protective Equipment/Structural firefighting gear							
<b>Medic Vehicle (M101/#0513)</b> <i>Change: None</i>	FD	\$330,000					<b>\$330,000</b>
Replacement of a 2013 F550 Medic and Body (M101/#0513) with a Stryker Lift cot							
<b>Physical Fitness Equipment</b> <i>Change: Delayed from 2019</i>	FD	\$10,300					<b>\$10,300</b>
Replace Elliptical machine and second treadmill							
<b>SCBA Filling Station</b> <i>Change: Split across two years</i>	FD	\$40,000					<b>\$40,000</b>
Replacement of the breathing air system air compressor and cascade bottles							
<b>Small Equipment Replacement</b> <i>Change: None</i>	FD	\$15,000					<b>\$15,000</b>
Replace various small equipment in the Fire Division.							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2021</b>							
<b>SUV (C102/0522)</b>	FD	\$60,000					<b>\$60,000</b>
<i>Change: Delayed from 2019 to allow for replacement of BN101 vehicle</i>							
Replace Assistant Chief vehicle with Tahoe. Lighting, graphics, radios included.							
<b>Community Center Fitness Equipment</b>	P&R	\$130,000					<b>\$130,000</b>
<i>Change: Increased amount from \$100,000. Deleted \$100,000 from 2023 and increased 2021 and 2022.</i>							
Replacement of select fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years.							
<b>Park Drinking Fountain Replacements</b>	P&R	\$10,000					<b>\$10,000</b>
<i>Change: New, extended one year (originally 2018-2020) since funds were only covering one fountain instead of two annually.</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.							
<b>Pool Filter Sand</b>	P&R	\$25,700					<b>\$25,700</b>
<i>Change: Increased from \$23,700 and delayed from 2020</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.							
<b>Small Equipment Replacement</b>	P&R	\$15,000					<b>\$15,000</b>
<i>Change: None</i>							
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.							
<b>Turf Mowers</b>	P&R	\$14,000					<b>\$14,000</b>
<i>Change: Increased from \$12,000</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.							
<b>Mobile Data Terminals - Police</b>	PD	\$23,000					<b>\$23,000</b>
<i>Change: None</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.							
<b>Police Cruisers</b>	PD	\$132,000					<b>\$132,000</b>
<i>Change: None</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.							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2021</b>							
<b>Hand Tools for Garage</b> <i>Change: New</i> Replacement of Garage Hand Tools	S&E	\$10,000					<b>\$10,000</b>
<b>3/4 Ton Pickup (#4034)</b> <i>Change: None</i> Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.	S&E	\$40,000					<b>\$40,000</b>
<b>3/4 Ton Pickup (#4035)</b> <i>Change: None</i> Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.	S&E	\$40,000					<b>\$40,000</b>
<b>Small Equipment Replacement</b> <i>Change: None</i> Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.	S&E	\$10,000					<b>\$10,000</b>
2021 Total - Equipment		\$1,443,000	\$0	\$0	\$0	\$0	<b>\$1,443,000</b>

<b>Year: 2022</b>							
<b>Computer Replacement Program</b> <i>Change: None</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.	A/IT	\$85,000					<b>\$85,000</b>
<b>Server and Network</b> <i>Change: New</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.	A/IT	\$15,000					<b>\$15,000</b>
<b>ATV Type Unit with Trailer</b> <i>Change: Increased from \$25,000</i> Replacement for golf cart with cot. The upgrade to an ATV-type unit will enable transport over roadways to reach partner agencies events.	FD	\$35,000					<b>\$35,000</b>

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2022</b>							
<b>Cardiac Monitor/Defibrillators</b>	FD	\$90,000					<b>\$90,000</b>
<i>Change: None</i>							
Replace 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.							
<b>Fire Hose</b>	FD	\$6,000					<b>\$6,000</b>
<i>Change: Shifted from 2019 and 2020</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 ten years of use. Much of our fire hose exceeds the ten year recommendation and some of it is over 18 years old.							
<b>Fire Initial Issue</b>	FD	\$18,000					<b>\$18,000</b>
<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.							
<b>Firefighter Protective Equipment</b>	FD	\$38,000					<b>\$38,000</b>
<i>Change: None</i>							
Structural firefighting personal protection/gear							
<b>Small Equipment Replacement</b>	FD	\$10,000					<b>\$10,000</b>
<i>Change: None</i>							
Replace various small equipment in the Fire Division.							
<b>SUV (#0521/ C101)</b>	FD	\$60,000					<b>\$60,000</b>
<i>Change: Delayed from 2021</i>							
Replacement of Chief 101 2008 Chevrolet Tahoe and Up-Fit.							
<b>Vehicle Extrication Hydraulic Tools</b>	FD	\$60,000					<b>\$60,000</b>
<i>Change: None</i>							
Replace hydraulic vehicle extrication tools that have exceeded life cycle							
<b>Water Rescue Boats</b>	FD	\$35,000					<b>\$35,000</b>
<i>Change: Increased from \$25,000</i>							
Replace existing boat and potentially add a second type. The Fire Division has identified several types of bodies of water that require different types of boats to effect a water rescue. Updated pricing to include a double trailer to bring both boats to a scene at the same time.							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2022</b>							
<b>Community Center Fitness Equipment</b>	P&R	\$140,000					<b>\$140,000</b>
<i>Change: Increased amount from \$100,000 to \$140,000. Deleted \$100,000 from 2023 and increased 2021 and 2022.</i>							
Replacement of select fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years.							
<b>Griswold Center Fitness Equipment Replacement</b>	P&R	\$20,000					<b>\$20,000</b>
<i>Change: None</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.							
<b>Parks Wide Area Mower (#0261)</b>	P&R	\$75,000					<b>\$75,000</b>
<i>Change: Increased from \$67,000</i>							
Replace 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.							
<b>Small Equipment Replacement</b>	P&R	\$15,000					<b>\$15,000</b>
<i>Change: None</i>							
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.							
<b>Turf Mowers</b>	P&R	\$14,000					<b>\$14,000</b>
<i>Change: Increased from \$12,000</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.							
<b>Mobile Data Terminals - Police</b>	PD	\$23,500					<b>\$23,500</b>
<i>Change: Increased from \$16,000</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.							
<b>Police Cruisers</b>	PD	\$134,000					<b>\$134,000</b>
<i>Change: Increased from \$87,000</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.							
<b>Police Sedan (#0330)</b>	PD	\$30,000					<b>\$30,000</b>
<i>Change: None</i>							
Replace 2012 Ford Fusion and Emergency Lighting							
<b>Police Sedan (#0332)</b>	PD	\$30,000					<b>\$30,000</b>
<i>Change: None</i>							
Replace 2012 Ford Fusion and Emergency Lighting							

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2022</b>							
<b>Backhoe (#0458)</b> <i>Change: Delayed from 2021</i> Replacement of a 1999 John Deere 310 Backhoe. Utilized for street digs and construction work.	S&E	\$90,000					<b>\$90,000</b>
<b>Fleet Service Vehicle (#0431)</b> <i>Change: None</i> Replace Service Van with Pickup Chassis and utility body.	S&E	\$42,000					<b>\$42,000</b>
<b>Hand Tools for Garage</b> <i>Change: New</i> Replacement hand tools for garage	S&E	\$5,000					<b>\$5,000</b>
<b>Leaf Vacuum (#0469)</b> <i>Change: Decreased from \$75,000 and delayed from 2021</i> Replacement of a 2008 Dinkmar Mule This unit is used very heavily during leaf season.	S&E	\$60,000					<b>\$60,000</b>
<b>3/4 Ton Pickup (#4442)</b> <i>Change: Delayed from 2021</i> Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.	S&E	\$40,000					<b>\$40,000</b>
<b>Small Equipment Replacement</b> <i>Change: None</i> Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.	S&E	\$10,000					<b>\$10,000</b>
2022 Total - Equipment		\$1,180,500	\$0	\$0	\$0	\$0	<b>\$1,180,500</b>

<b>Year: 2023</b>							
<b>Computer Replacement Program</b> <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.	A/IT	\$85,000					<b>\$85,000</b>
<b>Server and Network</b> <i>Change: New</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.	A/IT	\$55,000					<b>\$55,000</b>

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding				Total
		CIP Fund	Bonds	Assessment	License Tax	
<b>Year: 2023</b>						
<b>Engine Rescue (E102/0512)</b> <i>Change: New</i> Replacement of 2006 Spartan Gladiator Engine Rescue	FD	\$700,000				<b>\$700,000</b>
<b>Firefighter Protective Equipment</b> <i>Change: Continuation of annual program</i> Structural firefighting personal protection/gear	FD	\$45,000				<b>\$45,000</b>
<b>Small Equipment Replacement</b> <i>Change: Continuation of annual program</i> Replace various small equipment in the Fire Division.	FD	\$10,000				<b>\$10,000</b>
<b>SUV (BN101/0523) Replacement</b> <i>Change: New</i> Replace Fire Division Command Vehicle	FD	\$60,000				<b>\$60,000</b>
<b>Parks Truck (#0248)</b> <i>Change: New</i> Replacement of 2011 Parks Truck F250	P&R	\$40,000				<b>\$40,000</b>
<b>Sedan #0232</b> <i>Change: New</i> Replacement of Director's Vehicle	P&R	\$28,000				<b>\$28,000</b>
<b>Small Equipment Replacement</b> <i>Change: None</i> Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.	P&R	\$15,000				<b>\$15,000</b>
<b>Trailer #0261T</b> <i>Change: New</i> Replacement of 2012 Parks 6 Ton Trailer	P&R	\$9,000				<b>\$9,000</b>
<b>Turf Mowers</b> <i>Change: Increased from \$12,000</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.	P&R	\$14,000				<b>\$14,000</b>

## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
<b>Year: 2023</b>							
<b>UTV #0208</b> <i>Change: New</i> Replacement of 2008 RTV900. Used daily in Parks operations	P&R	\$15,000					<b>\$15,000</b>
<b>Zoning Vehicle</b> <i>Change: New</i> Replace #0116 Colorado	P&B	\$28,000					<b>\$28,000</b>
<b>Mobile Data Terminals - Police</b> <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.	PD	\$24,000					<b>\$24,000</b>
<b>Police Cruisers</b> <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.	PD	\$136,000					<b>\$136,000</b>
<b>Sedan (#0331)</b> <i>Change: New</i> Replacement of 2013 Taurus with Fusion and equipment	PD	\$30,000					<b>\$30,000</b>
<b>Sedan (#0334)</b> <i>Change: New</i> Replacement of 2013 Taurus with Fusion and equipment	PD	\$30,000					<b>\$30,000</b>
<b>Pickup with Plow (#0249)</b> <i>Change: New</i> Replacement of 2013 3/4 T Pickup 4x4 with Plow	S&E	\$42,000					<b>\$42,000</b>
<b>Service Dept. Sedan (#0418)</b> <i>Change: Delayed from 2022</i> Replace 2012 Ford Fusion with Sedan.	S&E	\$28,000					<b>\$28,000</b>
<b>Small Equipment Replacement</b> <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					<b>\$10,000</b>

		2023 Total - Equipment	\$1,404,000	\$0	\$0	\$0	\$0	<b>\$1,404,000</b>
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## 2019-2023 Capital Improvement Program - Equipment

Equipment	Dept.	Funding					Total
		CIP Fund	Bonds	Assessment	License Tax	Other	
TOTAL CIP EQUIPMENT		\$6,266,000	\$0	\$0	\$0	\$850,000	<b>\$7,116,000</b>

## CIP Fund Cash Flow

Revenue	2019	2020	2021	2022	2023
Income Tax	\$5,200,000	\$5,408,000	\$5,516,160	\$5,626,483	\$5,739,013
MMVLT	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
License Tax Reimbursement	\$0	\$0	\$300,000	\$0	\$0
Grant Funds	\$250,000	\$0	\$0	\$0	\$0
Debt Proceeds	\$3,660,000	\$5,040,864	\$0	\$0	\$0
Other Revenue	\$333,500	\$55,000	\$55,000	\$55,000	\$0
TOTAL REVENUE	\$9,593,500	\$10,653,864	\$6,021,160	\$5,831,483	\$5,889,013

Cat.	Dept.	Projects	2019	2020	2021	2022	2023
LM	S&E	Grit Pad Installation & Service Yard Improvements				\$50,000	
LM	S&E	Kenyonbrook Trunk Sewer Improvement	\$2,100,000				
LM	S&E	North Districts Sanitary Sewer Improvements		\$1,000,000			
LM	S&E	Sanitary Sewer Repairs & Lining		\$250,000		\$500,000	
LM	S&E	Oxford Court/Southwest Addition Sanitary Improvement	\$50,000	\$300,000			
LM	S&E	West & Industrial Districts Sewer Improvements			\$500,000		
LM	S&E	West & Industrial Districts Study		\$200,000			
EBS	S&E	Arterial Improvements: High, South Corp - South St.				\$300,000	
EBS	S&E	Arterial Improvements: Huntley, Schrock-RR; Schrock			\$600,000		
EBS	S&E	Arterial Improvements: Wilson Bridge, Huntley - High	\$540,000				
EBS	S&E	Arterial Microsurfacing	\$175,000	\$175,000	\$175,000		
EBS	S&E	Building Improvement Program	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
EBS	S&E	CBD Paver Renovation	TIF	TIF			
EBS	P&R	Community Center Carpet Replacement				\$135,000	
EBS	P&R	Community Center Fitness Floor Painting		\$14,500			
EBS	S&E	Community Center Leisure Pool Resurfacing	\$50,000				
EBS	P&R	Community Center Locker Room Painting		\$9,500			
EBS	P&R	Community Center North Locker Room Improvements		\$26,500			
EBS	S&E	Community Center Parking Lot Reconstruction	\$175,000				
EBS	P&R	Community Center South End Door Replacement		\$70,000			
EBS	S&E	Community Center Window Replacement		\$30,000			
EBS	S&E	Fire Hydrant Replacement & Painting	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
EBS	FD	Fire Station Alerting System	\$75,000				
EBS	S&E	Fleet Garage Floor Sealing	\$16,000				
EBS	S&E	Municipal Building Window & Door Replacements	\$160,000				
EBS	S&E	Olentangy River Road Guardrail	\$25,000				
EBS	S&E	Perry Park Restroom Roof and Building Improvements	\$14,000				
EBS	S&E	Rush Run Analysis	\$25,000				
EBS	S&E	Rush Run - South St/McCoy Slope Repair & Rehab	\$31,000				
EBS	S&E	Rush Run Stream Restoration Phase 1	\$510,000				
EBS	S&E	Rush Run Stream Restoration Analysis Improvements		\$250,000			
EBS	S&E	Service & Engineering Building Roof	\$50,000				
EBS	S&E	Street & Sidewalk Improvement Program	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000
EBS	S&E	Traffic Signals & Lighting	\$50,000				
EBS	S&E	Traffic Signal Improvement Program		\$50,000		\$50,000	
EBS	P&R	Village Green NE Brick Paver Replacement	TIF				
EBS	S&E	Waterline Improvements		\$250,000	\$250,000	\$250,000	\$250,000
IBS	S&E	City Buildings Energy Conservation Improvements		\$1,175,000			
IBS	P&R	East Granville Road Park Playground Replacement			\$100,000		
IBS	P&R	Linworth Park & Wilson Hill Park Playgrounds					\$250,000
IBS	P&R	McCord Park Renovations	\$450,000	\$400,000			
IBS	S&E	Northeast Gateway Project	\$1,700,000				
IBS	S&E	Security System Improvements			\$50,000		\$50,000
IBS	P&R	Selby Park Playground Replacement		\$225,000			
IBS	P&R	Selby Park Renovations Design				\$60,000	
IBS	P&R	Shaker Square Playground Replacement				\$95,000	
IBS	S&E	SR-161 Study Recommendations			\$225,000		\$450,000
IBS	S&E	Street Sign Upgrades				\$12,500	

Cat.	Dept.	Projects	2019	2020	2021	2022	2023
E	P&R	Bike & Pedestrian Improvements	\$100,000	\$100,000	\$100,000	\$250,000	\$250,000
E	P&B	Community Wayfinding Signage	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
<b>TOTAL PROJECTS</b>			<b>\$7,473,019</b>	<b>\$5,702,520</b>	<b>\$3,177,021</b>	<b>\$2,879,522</b>	<b>\$2,427,023</b>

Equipment			2019	2020	2021	2022	2023
<u>ADMINISTRATION/IT</u>							
		Computer Replacement Program	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000
		Municipal Building Furniture Replacement			\$20,000		
		Payroll & Accounting Software			\$200,000		
		Radios	\$600,000				
		Server & Network	\$55,000	\$55,000	\$155,000	\$15,000	\$55,000
		Timekeeping Software/Hardware			\$15,000		
<u>FIRE</u>							
		ATV Type Unit with Trailer (replace golf cart)				\$35,000	
		CAD Display Monitors	\$12,000				
		Cardiac Monitor/Defibrillators				\$90,000	
		Copier/Printer/Fax/Scanner	\$16,000				
		Engine Rescue (E102/0512)					\$700,000
		Fire Hose	\$10,000	\$10,000		\$6,000	
		Fire Initial Issue	\$18,000	\$18,000	\$18,000	\$18,000	
		Firefighter Protective Equipment	\$44,000	\$48,000	\$45,000	\$38,000	\$45,000
		Medic Vehicle (#0513/M102)			\$330,000		
		Medic Vehicle (#0516/M103)	\$327,000				
		Mobile Data Terminals for Fire Vehicles		\$75,000			
		Physical Fitness Equipment			\$10,300		
		SCBA Filling Station		\$40,000	\$40,000		
		Self Contained Breathing Apparatus	\$300,000				
		Small Equipment Replacement	\$15,000	\$15,000	\$15,000	\$10,000	\$10,000
		SUV (BN101/0523)		\$60,000			\$60,000
		SUV (C101/0521)				\$60,000	
		SUV (C102/0522)			\$60,000		
		Vehicle Extrication Hydraulic Tools				\$60,000	
		Water Rescue Boats				\$35,000	
<u>PARKS &amp; RECREATION</u>							
		Community Center Basketball Backboards/Equipment		\$30,000			
		Community Center Digital Screens		\$10,000			
		Community Center Domestic Hot Water Tank		\$21,000			
		Community Center Fitness Equipment	\$60,000		\$130,000	\$140,000	
		Community Center Variable Speed Drives Replacement		\$16,500			
		Griswold Copier	\$11,000				
		Griswold Fitness Equipment				\$20,000	
		Park Drinking Fountains	\$10,000	\$10,000	\$10,000		
		Parks Truck (#0248)					\$40,000
		Parks Wide Area Mower (#0261)				\$75,000	
		Polaris ATV #0283 Replacement with Pickup Truck	\$25,000				
		Pool Filter Sand			\$25,700		
		Sedan #0232					\$28,000
		Small Equipment Replacement	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
		Transit Bus (30210)		\$89,000			
		Trailer #0261T					\$9,000
		Turf Mowers (2)	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000
		UTV #0208					\$15,000
<u>PLANNING &amp; BUILDING</u>							
		Staff Vehicle (Zoning)					\$28,000
<u>POLICE</u>							
		Breath Testing Equipment	\$12,000				
		In Car Video Equipment	\$70,000				
		Mobile Data Terminals - Police	\$21,500	\$22,500	\$23,000	\$23,500	\$24,000

<b>Equipment</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Police Cruiser Replacement	\$85,000	\$130,000	\$132,000	\$134,000	\$136,000
Police Initial Issue Equipment	\$32,500				
Police Sedan (#0330)				\$30,000	
Police Sedan (#0332)				\$30,000	
Police Sedan (#0331)					\$30,000
Police Sedan (#0334)					\$30,000
Police Vehicle Equipment	\$25,000				
Staff Vehicle (#0333)		\$25,000			
Virtual Law Enforcement Training System (FATS)		\$45,000			
<b><u>SERVICE &amp; ENGINEERING</u></b>					
4x4 Utility Vehicle (#0480)		\$12,000			
Air Compressor (#0478)		\$31,000			
Backhoe (#0458)				\$90,000	
Cargo Van (#0420)		\$30,000			
1 Ton Dump w/ plow & spreader (#0433)		\$85,000			
Fleet Service Vehicle (#0431)				\$42,000	
Hand Tool Replacements for Garage	\$10,000	\$10,000	\$10,000	\$5,000	
Hot Plastic Applicator		\$20,000			
Leaf Vacuum (#0465)	\$75,000				
Leaf Vacuum (#0468)				\$60,000	
3/4 Ton Pickup Truck (#434)			\$40,000		
3/4 Ton Pickup Truck (#435)			\$40,000		
3/4 Ton Pickup Truck (#442)				\$40,000	
Pickup with Plow(#0249)					\$42,000
Pressure Washer		\$9,000			
Scan Tools for Garage		\$15,000			
Service Dept. Sedan (#0418)					\$28,000
Small Equipment Replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Wood Chipper (#0464)		\$65,000			
Zero Turn Mower (#4179)	\$9,500				
<b>TOTAL EQUIPMENT</b>	<b>\$1,967,500</b>	<b>\$1,121,000</b>	<b>\$1,443,000</b>	<b>\$1,180,500</b>	<b>\$1,404,000</b>

<b>TOTAL PROJECTS</b>	<b>\$7,473,019</b>	<b>\$5,702,520</b>	<b>\$3,177,021</b>	<b>\$2,879,522</b>	<b>\$2,427,023</b>
<b>TOTAL EQUIPMENT</b>	<b>\$1,967,500</b>	<b>\$1,121,000</b>	<b>\$1,443,000</b>	<b>\$1,180,500</b>	<b>\$1,404,000</b>
Debt Service Transfers	\$1,265,163	\$1,453,430	\$1,484,062	\$1,237,938	\$1,242,414
OPWC Loan Payments	\$28,300	\$28,300	\$28,300	\$28,300	\$28,300
Lease Payments	\$86,000	\$222,777	\$222,777	\$222,777	\$222,777
CIP Administration	\$482,000	\$503,000	\$513,343	\$523,866	\$534,574
<b>TOTAL CIP EXPENDITURES</b>	<b>\$11,301,982</b>	<b>\$9,031,027</b>	<b>\$6,868,503</b>	<b>\$6,072,903</b>	<b>\$5,859,088</b>
<b>REVENUE MINUS EXPENDITURES</b>	<b>-\$1,708,482</b>	<b>\$1,622,837</b>	<b>-\$847,343</b>	<b>-\$241,420</b>	<b>\$29,925</b>
<b>BALANCE</b>	<b>\$3,391,665</b>	<b>\$5,014,502</b>	<b>\$4,167,159</b>	<b>\$3,925,739</b>	<b>\$3,955,664</b>

<b>Without Debt Proceeds &amp; Bonded Expenditures</b>					
<b>REVENUE</b>	<b>\$5,933,500</b>	<b>\$5,613,000</b>	<b>\$6,021,160</b>	<b>\$5,831,483</b>	<b>\$5,889,013</b>
<b>TOTAL PROJECTS</b>	<b>\$2,713,019</b>	<b>\$2,327,520</b>	<b>\$2,427,021</b>	<b>\$2,629,522</b>	<b>\$2,177,023</b>
<b>TOTAL EQUIPMENT</b>	<b>\$1,367,500</b>	<b>\$1,121,000</b>	<b>\$1,443,000</b>	<b>\$1,180,500</b>	<b>\$1,404,000</b>
Debt Service Transfers	\$1,265,163	\$1,453,430	\$1,484,062	\$1,237,938	\$1,242,414
OPWC Loan Payments	\$28,300	\$28,300	\$28,300	\$28,300	\$28,300
Lease Payments	\$86,000	\$222,777	\$222,777	\$222,777	\$222,777
CIP Administration	\$482,000	\$503,000	\$513,343	\$523,866	\$534,574
<b>EXPENDITURES WITHOUT BONDED EXPENSES</b>	<b>\$5,941,982</b>	<b>\$5,656,027</b>	<b>\$6,118,503</b>	<b>\$5,822,903</b>	<b>\$5,609,088</b>
<b>REVENUE MINUS EXPENDITURES</b>	<b>-\$8,482</b>	<b>-\$43,027</b>	<b>-\$97,343</b>	<b>\$8,580</b>	<b>\$279,925</b>
<b>BALANCE WITHOUT BONDS</b>	<b>\$5,091,665</b>	<b>\$5,048,638</b>	<b>\$4,951,295</b>	<b>\$4,959,875</b>	<b>\$5,239,800</b>

*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