



City of Worthington, Ohio

2017-2021 Capital Improvements Program

Adopted on December 5, 2016

Table of Contents

	<u>Page</u>
Capital Improvements Program Overview	2
Capital Improvements Program Funding Sources	4
Capital Improvements Fund Revenue, Expenditures & Fund Balance	5
Categories of Projects	7
Capital Improvements Program Comparisons	7
Existing and Anticipated Debt	10
Capital Improvements Program - Projects	12
Capital Improvements Program – Equipment	27
CIP Fund Cash Flow	42

Capital Improvements Program Overview

The five-year Capital Improvement Program (CIP) for 2017-2021 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 City utilizes the CIP Fund for funding most of the City's share of capital investments. 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. In the 2017-2021 CIP, the annual amount allocated for projects in the CIP Fund ranges from \$1,782,500 to \$2,241,500.
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 vehicles, recreation buses, police cars, administrative vehicles, backhoes and street sweepers. 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 2017-2021 CIP, the annual amount allocated for equipment ranges from \$1,012,500 to \$1,724,200.

3. Debt payments – The City sometimes finances capital items through loans or the issuance of temporary notes or municipal bonds. The annual payments on the debt are paid out of the CIP funds. The annual debt payments in the 2017-2021 CIP range from \$951,373 to \$1,572,145.
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 \$460,000 to \$505,277 in the 2017-2021 CIP.

Worthington is a built-out community that primarily focuses on redevelopment. 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 City's CIP is very financially constrained over this five year period. The City has five years remaining on the debt associated with the Community Center expansion and the renovations of the Police Building. 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 combination of these debt commitments is resulting in an increase in the amount of CIP resources dedicated to debt payments.

In response to the revenue impacts of the recession between 2008 and 2010, the City shifted revenue from the CIP to the General Fund to pay for ongoing operating expenses. As a result, the fund balance in the CIP was lowered and the City had to tighten the spending on capital items. A number of equipment purchases were delayed, resulting in equipment that is past its scheduled replacement. This results in the need for an increase in equipment purchases in 2016, 2017 and 2018 to "catch up" and reduce equipment maintenance and repair costs and ensure the City has reliable equipment that is available to provide services.

Additionally, the City has a number of buildings that need investment due to their age. The CIP includes roof projects at the Louis J.R. Goorey Municipal Building, the Fire Station and the older portion of the Community Center, 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 2017-2021 CIP for that building.

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 \$4,937,442 to \$5,423,426 for 2017-2021. In addition to income tax revenue, the CIP Fund also receives a small amount of property tax revenue and revenue from the Municipal Motor Vehicle License Tax (MMVLT). The MMVLT is a tax on vehicle license plates and is used to partially fund street resurfacing through the annual street and sidewalk improvement program. Additionally, grant funds may be shown as revenue in the CIP Fund if the City will expend its own funds and then be reimbursed from the grant.

Bonds – The City can issue municipal bonds to finance capital infrastructure and equipment. The 2017-2021 CIP anticipates the issuance of bonds to fund eight sanitary sewer projects, corridor enhancements along Wilson Bridge Road, work at the Huntley / Wilson Bridge / Worthington Galena intersection, HVAC improvements at the Community Center, roof replacements at two City buildings, and window and door replacements at the Louis J.R. Goorey Municipal Building.

Assessments – The City utilizes special assessments to charge property owners for work that benefits their property. The 2017-2021 CIP anticipates assessments for sidewalk repairs that occur in conjunction with the City's annual street and sidewalk improvement program, and assessments for sanitary sewer extensions to the Alrojo/Samada area.

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 2017-2021 CIP utilizes these funds for resurfacing of Huntley Road, Schrock Road, the southern portion of High Street, East Wilson Bridge Road, and Proprietors Road.

State Funding – The City monitors various funding sources offered by the State of Ohio to identify opportunities for utilizing those funding sources on City projects. The 2017-2021 CIP does not include any State funding.

Other – At times, the City is successful in obtaining funding from other sources. The 2017-2021 CIP anticipates federal transportation funds allocated by the Mid-Ohio Regional Planning Commission (MORPC) for the Huntley / Wilson Bridge / Worthington Galena intersection.

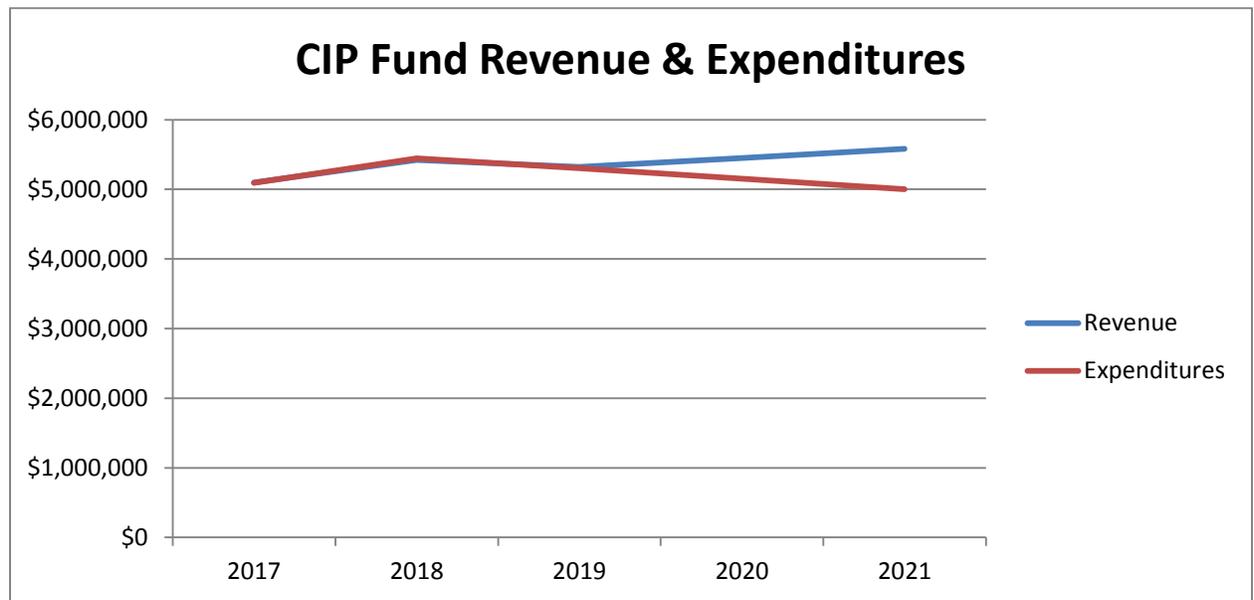
The City's Parks & Recreation Revolving Fund receives the fee revenue collected from classes and programs. This fund supports the expenditures associated with the classes and programs.

Funds from the Parks & Recreation Revolving Fund are identified in the CIP for the conversion of the game room at the Community Center to an additional fitness programming area and the purchase of spinning bikes for the Community Center.

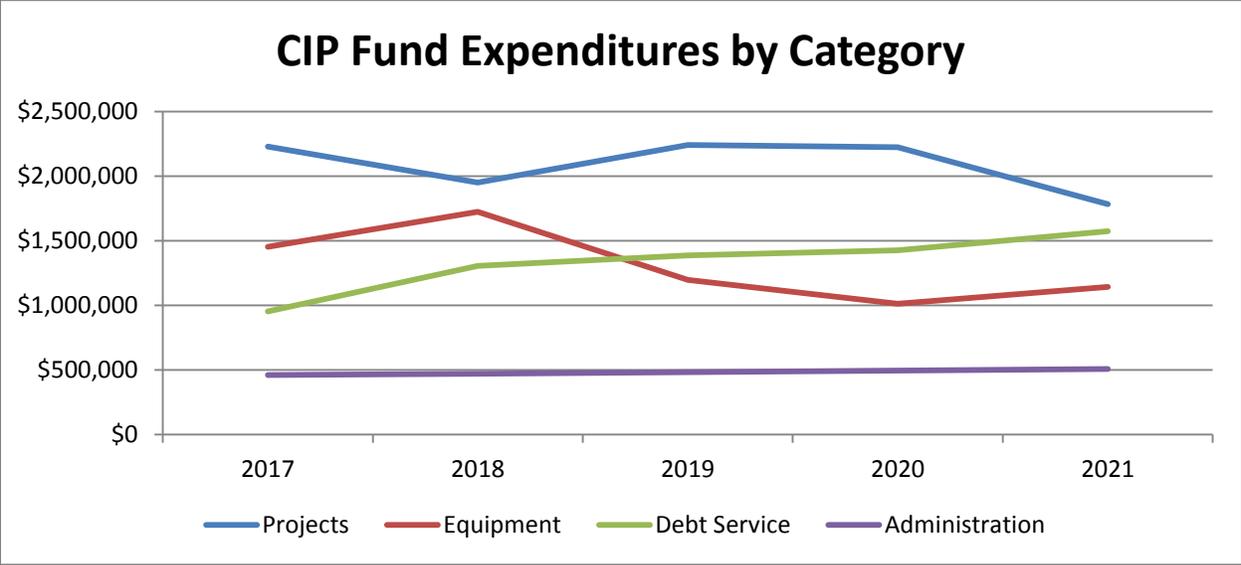
Additionally, the CIP indicates grant funds for the construction of bicycle and pedestrian accommodations along Huntley Road.

Capital Improvements Fund Revenue, Expenditures & Fund Balance

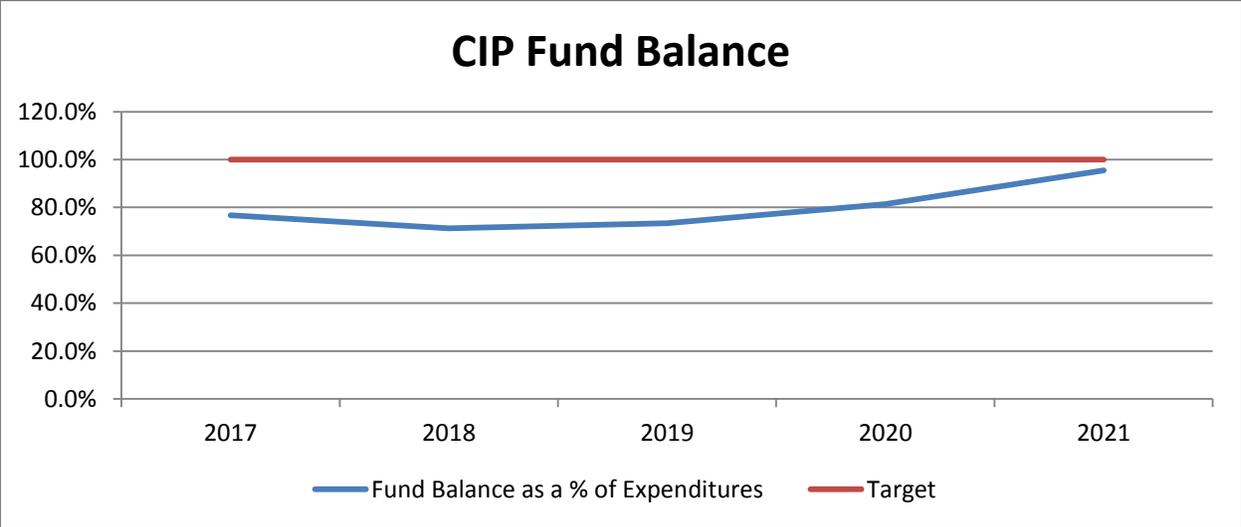
The CIP Fund is the primary funding source for the City’s financial share of the CIP. It receives the income tax revenue that is allocated for capital improvements along with a small amount of property tax revenue and revenue from the Municipal Motor Vehicle License Tax (MMVLT). The 2017-2021 CIP Fund has expenditures almost equal to revenue in the first three years, with revenue exceeding expenditures in the last two years of the CIP.



The expenditures in the CIP Fund can be broken out across the four categories of projects, equipment, debt service and administration. Project expenditures are fairly steady across the five years, with the more expensive projects scheduled for bonding to level out expenditures. Equipment expenditures are higher in the first two years and then decrease in the last three years. Actual equipment expenditures are anticipated to be higher in 2019 through 2021 than currently shown as it is difficult to predict the equipment needs that far in the future. City staff have enhanced the equipment inventory and made efforts to better predict and schedule replacements of more expensive vehicles and equipment. As a result, the last three years of the CIP include more equipment than historically was shown. The City’s debt service payments trend upward due to 12 projects in the 2017-2021 CIP that are scheduled to be bonded.



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. 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. The fund balance target is not met in the CIP due to pressures for projects and equipment. However, revenue and expenditures are close to balancing, thus the fund balance remains fairly stable throughout the first three years of the CIP, with the fourth and fifth years showing additions to the fund balance.



Categories of Projects

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

Previous Project Commitments – This category includes projects that involve previous commitments by the City. The 2017-2021 CIP does not have any projects in this category.

Legal Mandates – This category includes projects the City is legally mandated to complete. The 2017-2021 CIP includes a number of sanitary sewer projects that are mandated by a Consent Order between the Ohio Environmental Protection Agency and the City.

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 2017-2021 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 2017-2021 projects in this category primarily include renovations to parks and playgrounds as well as investments in the Old Worthington business area.

Enhancement / Discretionary – This category includes projects that provide something new that has not been historically provided by the City. The 2017-2021 projects in this category include enhancements to the Wilson Bridge Road corridor, wayfinding signage, conversion of the game room at the Community Center, bike and pedestrian improvements, pickleball courts, and a restroom facility at the Olentangy Parklands.

Assessment Projects – This category includes projects that involve special assessments on properties that benefit from the project. The assessment project included in the 2017-2021 CIP is for sanitary sewer extension in the Alrojo Street and Samada Street area.

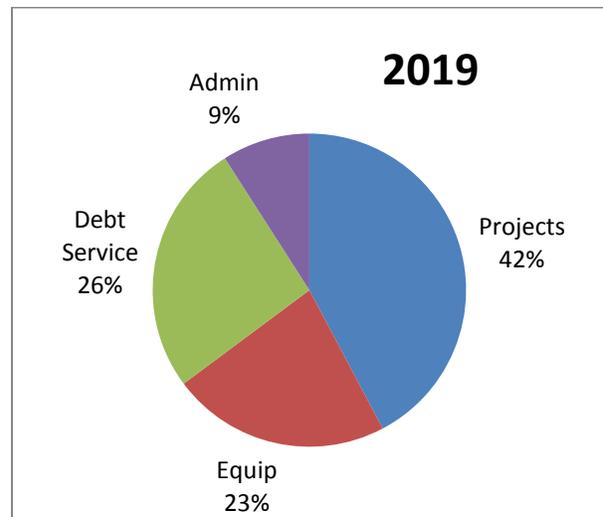
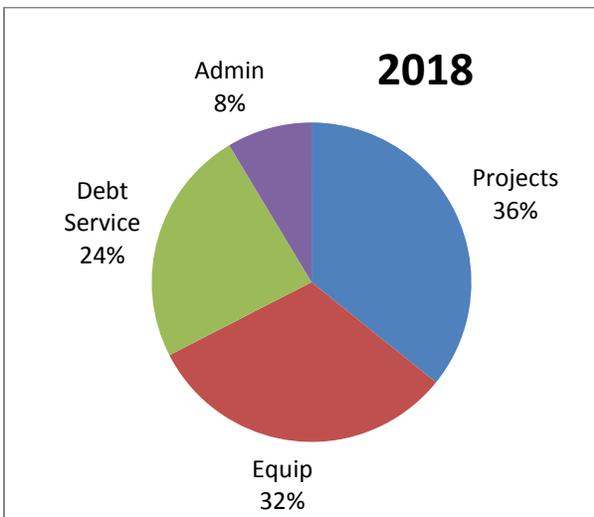
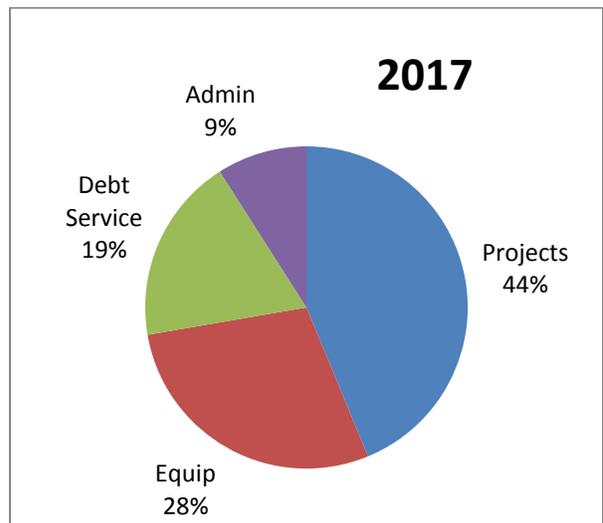
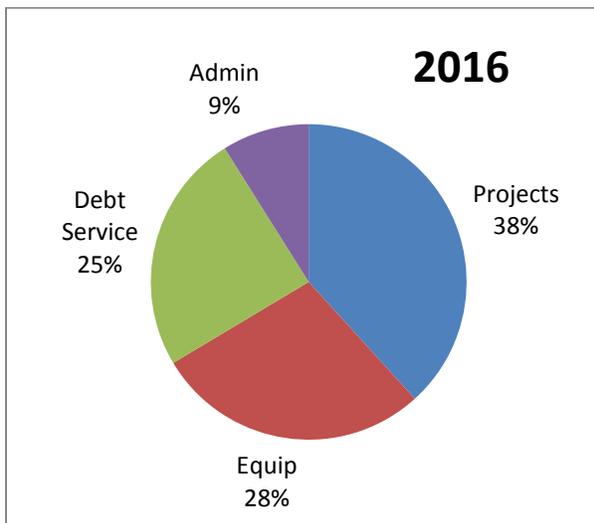
Need for Further Review – This category includes projects that need additional evaluation and consideration. The 2017-2021 CIP has no projects in this category.

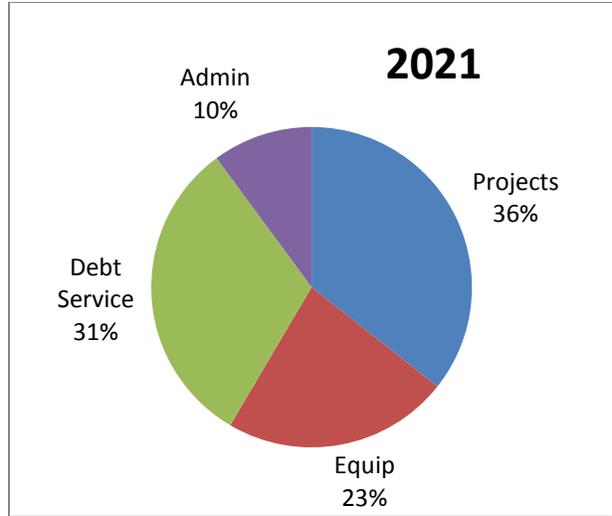
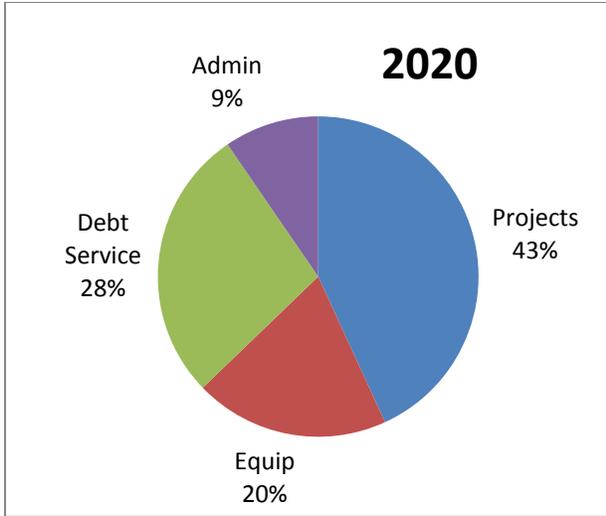
Capital Improvements Program Comparisons

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 2016. The CIP Fund has a larger allocation for projects in 2017, 2018 and 2019 driven by the need to invest in the City’s buildings, fuel system and the parking lot at the community center. Equipment expenditures are higher in 2018 driven in large part by the need to invest in the technology that supports the Divisions of Police and Fire & EMS. Equipment expenditures are lower in 2019 through 2021. As those years near, equipment expenditures are anticipated to increase as more is known about equipment that will need to be replaced. Debt service as a percentage of expenditures increases across the five years due to the 12 projects planned for bonding during this timeframe.

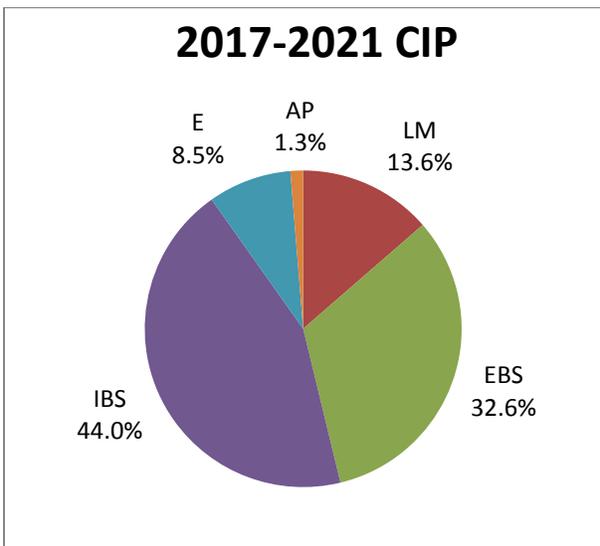
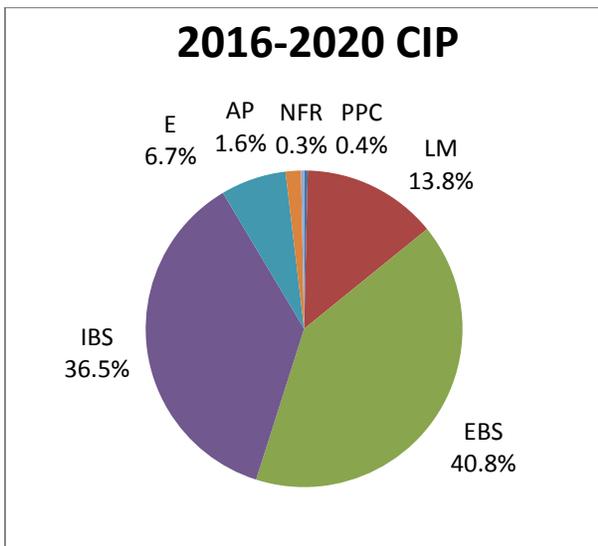
CIP Fund Categories of Expenditures





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 Previous Project Commitments (PPC), Legal Mandates (LM), Essential for Basic Services (EBS), Improvements to Basic Services (IBS), Enhancement / Discretionary (E), Assessment Projects (AP) and Need for Further Review (NFR). These categories are explained in the previous section. The 2017-2021 CIP does not have any projects in the categories of Previous Project Commitments or Need for Further Review.

Types of Projects



Existing and Anticipated Debt

The City's 2017-2021 CIP includes annual debt payments ranging from \$951,373 to \$1,572,145. 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 1/1/2017: \$3,780,000

Principal Payment due in 2017: \$740,000

Interest Payment due in 2017: \$61,236

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

Interest: 0%

Original Issuance: \$156,201

Remaining Principal as of 1/1/2017: \$85,910.55

Annual Payments: \$7,810.06

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

Interest: 0%

Original Issuance: \$612,816

Remaining Principal as of 1/1/2017: \$582,175.16

Annual Payments: \$20,428

Bond Anticipation Note for Fire Ladder Truck, Davis Estates Waterline and Community Center Window Replacement

Renewal Issued: 1/19/2016

Maturing: 1/18/2017

Current Issuance: \$1,560,000 at 1.40% interest

Interest Payment due in 2017: \$21,840

Principal Payment: \$100,000

The City has four current projects that are scheduled to be bonded:

Basins 6 & 8 Sanitary Sewer Repairs	\$150,000
Huntley/Wilson Bridge/Worthington Galena Design	\$600,000
Central District Sanitary Sewer Repairs	\$250,000

Central District Sanitary Sewer Improvements	\$300,000
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The 2017-2021 CIP includes additional debt for the following projects:

Northbrook Relief Sewer Phase II	\$460,000
Central District Sanitary Sewer Rehab – Morning Street	\$215,000
Central District Sanitary Sewer Rehab – North St. & Hartford	\$62,000
Central District Sanitary Sewer Rehab – North St., Hartford – Morning	\$215,000
Central District Sanitary Sewer Rehab – North St., Morning to Ridgedale	\$392,000
Community Center HVAC Improvements	\$900,000
Community Center South End Roof Replacement	\$903,000
Huntley / Wilson Bridge / Worthington Galena Intersection	\$2,654,218
Wilson Bridge Road Corridor Enhancements (construction)	\$800,000
Kenyonbrook Trunk Sewer Improvement	\$1,180,000
Fire Station Roof Replacement	\$295,000
Municipal Building Windows & Doors	\$100,000
North Districts Sanitary Sewer Improvements	\$500,000
North Districts Sanitary Sewer Repairs & Lining	\$250,000

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2017								
Northbrook Relief Sewer Phase II (design update and construction)	S&E	LM		\$460,000				\$460,000
Replacement of the trunk sanitary sewer between High Street and Northbrook Subdivision. This project was recommended in the Southeast Sewer Shed Study / Master Plan, which was conducted in compliance to the Consent Order between the Ohio Environmental Protection Agency and the City of Worthington. Prior to bidding the project, the design will be reviewed and updated in consideration of the changes made to the Kenyonbrook Siphon Removal plans.								
Central District Sanitary Sewer Rehabilitation - (Morning Street Design & Construction)	S&E	LM		\$215,000				\$215,000
Replacement of 565 feet of sanitary sewer on Morning St. from Wilson Drive to the end of the street. Manholes 03-0158:03-0156 and 03-0156:03-0155. This section of sewer was identified in the Central District Sewer Study as in need of replacement.								
Central District Sanitary Sewer Rehabilitation - North & Hartford St Reconfiguration (Design & Construction)	S&E	LM		\$62,000				\$62,000
Sewer line reconfiguration at North Street & Hartford Street. Manholes were identified in the Central District Sanitary Sewer Study as in need of reconfiguration.								
Central District Sanitary Sewer Rehabilitation - North St Sewer Replacement (Hartford to Morning)	S&E	LM		\$215,000				\$215,000
Replacement of 530 feet of sanitary sewer from Hartford Street to Morning Street on East North Street. Manholes 03-0153.1:03-0153 and 03-0154:03-0153.1. This section of sewer was identified in the Central District Sewer Study as in need of replacement.								
Central District Sanitary Sewer Rehabilitation - North St Sewer Replacement (Morning to Ridgedale)	S&E	LM		\$392,000				\$392,000
Replacement of 1,125 feet of sanitary sewer on East North Street from Morning Street to Ridgedale Drive. This section of sewer was identified in the Central District Sewer Study as in need of replacement.								
North Districts Sewer Study	S&E	LM	\$175,000					\$175,000
Sanitary Sewer Evaluation Study (SSES) of the north sanitary sewer districts as mandated by the Director's Findings and Orders issued to the City by the Ohio EPA.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2017								
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000			\$900,000
<p>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.</p>								
Arterial Improvements (Huntley Road, Granville-Schrock)	S&E	EBS				\$425,000		\$425,000
<p>Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping.</p>								
Building Improvement Program	S&E	EBS	\$75,000					\$75,000
<p>This is an 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.</p>								
Community Center HVAC Improvements	P&R	EBS		\$900,000				\$900,000
<p>This project makes improvements to the Community Center HVAC system. A study has been completed to provide recommendations for improvements. The study identified several options; this project provides funding for the least expensive one.</p>								
Community Center South End Roof Replacement	S&E	EBS		\$903,000				\$903,000
<p>Replacement of the rubber membrane roof above both gymnasiums and the sloped shingle roofing along the peaks on the south end of the Community Center. This project will also include green energy efficiency considerations during design such as solar panels. The roof is over 20 years old and is requiring annual investment to fight leaking and damage to the building.</p>								
Community Center Natatorium Sprinkler Head Replacement	P&R	EBS	\$66,000					\$66,000
<p>Replacement of the 112 existing stainless steel sprinkler heads in the natatorium area. Heads are in need of replacement and require the pool to be empty for many of them so there is risk of service interruption to do them individually.</p>								
Fire Apparatus Bay Exhaust & Heating System	S&E	EBS	\$126,000					\$126,000
<p>This project provides a system for removing vehicle exhaust from the building and circulates air for ventilation. The current system is no longer functioning as it should and needs replacement. The project also provides a new heating system to replace the "tube" heaters that heat the apparatus bays.</p>								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2017								
Service Facility Grit Pad	S&E	EBS	\$10,000					\$10,000
In house grit pad for street sweepings and vacuum debris to comply with Ohio EPA requirements.								
Sewer Repair near Kilbourne Building	S&E	EBS	\$7,500					\$7,500
Repair buried manhole that was concreted over with handicap ramp								
Fleet Garage Ventilation System	S&E	EBS	\$10,000					\$10,000
There currently is no functional ventilation system in the Fleet Garage. This project upgrades/modifies/repairs the existing system.								
Community Center Shutdown Improvements	P&R	EBS	\$22,500					\$22,500
Electrostatic painting of lockers in north locker rooms (\$5,000), replacement of restroom partitions throughout the center (\$11,000), and replacement of carpet squares in some high traffic areas (\$6,500).								
Fire Station Roof Replacement (Design)	S&E	EBS	\$35,400					\$35,400
Design of a replacement roof on the Fire Station, which has been evaluated and has reached the end of its useful life. Design funding is provided in this year with construction scheduled for 2018.								
Municipal Building Roof Replacement (Design)	S&E	EBS	\$17,500					\$17,500
Design of a replacement Municipal Building Roof. Design funding is provided this year with construction scheduled for 2018.								
Municipal Building Window and Door Replacements (Design)	S&E	EBS	\$15,000					\$15,000
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).								
Old Worthington Street Light and Mast Arm Rehabilitation Project	S&E	EBS	\$85,000					\$85,000
Conversion of the Old Worthington street light system to LED and the painting of street light supports and decorative mast arm traffic signal supports in the City. This project will be phased over three years.								
Fuel Dispensing System and Tank Farm	S&E	EBS	\$20,000					\$20,000
Replacement of the tank farm and fuel dispensing system at the Highland Avenue complex. The tank system is beyond its expected life and uses old analog dispensers. The tubs do not meet current code and the underground tanks are old. The funding in this year provides for consulting assistance to evaluate the various options for the longer term provision of fuel.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2017								
Upper Rush Run Stream Restoration (Study)	S&E	EBS	\$25,000					\$25,000
This project provides funding for a study of the stream environment of Upper Rush Run from the Huntley Bowl to Lakeview Plaza. The study will evaluate environmentally sound techniques to remove silt and provide improved drainage.								
Community Center Window Replacement (community and meeting rooms)	S&E	EBS	\$25,000					\$25,000
Replacement of the exterior windows in the Community and Meeting Rooms at the south end of the Community Center. The current windows are no longer air tight and are inefficient and in need of replacement.								
Urban Forestry Restoration	P&R	IBS	\$7,500					\$7,500
Annual program to replace trees around city facilities, parks, and/or in key city corridors. The Arbor Advisory Committee works with City arborists to determine each year's project site.								
Huntley/Wilson Bridge/Worthington Galena (Utilities & ROW)	S&E	IBS		\$535,513			\$2,142,050	\$2,677,563
Improvement of the Huntley / Wilson Bridge / Worthington-Galena intersection and the connection of the intersection to Sancus Boulevard. The project provides funding for utility relocations and right of way acquisition as needed. Federal funding for this phase and the construction of the project has been awarded through the Mid-Ohio Regional Planning Commission Attributable Funding Program.								
Perry Park Field 3 Improvements	P&R	IBS	\$120,000					\$120,000
Year three of a three year process to improve ball diamonds at Perry Park. Funding will go toward improvements to Field 3: laser grading infield, drainage and irrigation improvements, and a new backstop and dugouts. Roofing for finished dugouts on Perry Fields 1 and 2 will also be included.								
Perry Park Path Improvement	P&R	IBS	\$150,000					\$150,000
Repair and overlay of the trail system in Perry Park, which is showing its age.								
McCord Park Master Planning	P&R	IBS	\$20,000					\$20,000
Use of a consultant to lead a planning process for renovations at McCord Park. The Parks and Recreation Commission has identified the updating of McCord Park as a priority and due to the community usage and various amenities in the park, an in-depth planning process is recommended before improvements begin.								
Dog Park Parking Lot Addition	P&R	IBS	\$45,000					\$45,000
Addition of 21 parking spaces at the Godown Dog Park. WOOF donated \$25,000; Worthington and Columbus will split remaining costs.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2017								
Olentangy Parklands Tennis Court Fencing Replacement	P&R	IBS	\$21,000					\$21,000
Replacement of the existing fencing at the Olentangy Parklands tennis courts. The current fencing is peeling paint, warped in many places, and at the end of its useful life.								
Irrigation Controller Replacements	P&R	IBS	\$21,000					\$21,000
In 2016, we replaced the controllers in the west side parks with new controllers and this funding would allow us to do the east side parks. The current controllers no longer communicate with our computer system so programming is not efficient in terms of man-power and economy of water usage.								
Granby Street Storm Drainage	S&E	IBS	\$20,000					\$20,000
The project would improve drainage challenges at the northeast corner of the intersection of Orchard Drive and Granby Street, replacing existing structure 6 with a double curb and gutter inlet, and includes some regrading and pavement adjustment around the intersection. Adds an additional catch basin northeast of the intersection of Orchard and Granby and regrades portions of the gravel drive, driveway apron, and asphalt pavement to direct storm runoff to the new catch basin and curb inlet. The project falls within the public right of way. Engineering plans will be generated for the improvements in the area around the Orchard Drive and Granby Street intersection. These plans will include detailed design of the new storm sewer pipe, structures, grading, and pavement rework.								
CBD Paver Renovation	S&E	IBS	\$20,000					\$20,000
This is a phased project over four years to remove, level and reset sidewalk pavers from the Village Green Drive South to South Street								
Community Wayfinding Signage	S&E	E	\$50,000					\$50,000
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.								
Bike & Pedestrian Improvements	P&R	E	\$100,000					\$100,000
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 2017 amount has been allocated to the pedestrian hybrid beacons in Old Worthington.								
Wilson Bridge Corridor Enhancements (construction)	S&E	E		\$800,000				\$800,000
Development of enhancements to improve the Wilson Bridge corridor consistent with the recommendations of the Wilson Bridge Road Plan adopted by City Council in 2011. The project also includes consideration of wayfinding, bicycle and pedestrian mobility and traffic management improvements.								
Community Center Game Room Conversion	P&R	E					\$16,000	\$16,000
Purchase of equipment to allow for the transformation of the existing Community Center Game Room to an additional programming area. The transformation of this space will allow the room to be better and more consistently utilized to serve residents and members. This improvement can be funded from Community Center revolving funds as staff anticipate the return on investment of new programs, rentals, and member benefits to pay for the improvements.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total	
			CIP Fund	Bonds	Assessment	License Tax	State		Other
Year: 2017									
Alrojo/Samada Sanitary Sewers (design)	S&E	AP	\$63,750						\$63,750
Design of public sanitary sewers to serve the unserved properties west of Olentangy River Road and south of Granville Road.									
2017 Total - Projects			\$2,228,150	\$4,482,513	\$25,000	\$425,000	\$0	\$2,158,050	\$9,318,713

Year: 2018									
Kenyonbrook Trunk Sewer Improvement (construction)	S&E	LM		\$1,038,400					\$1,038,400
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.									
Hardy Way Sanitary Sewer Relocation	S&E	LM	\$113,000						\$113,000
Replacement of the sanitary sewer serving the Hardy Way area. These sewers were evaluated in the Southeast Sewershed Study. The existing sewer is not located in a public easement and is recommended for replacement.									
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000				\$900,000
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.									
Arterial Improvements (Huntley Road, Schrock to Wilson Bridge; Schrock Road, Worthington Galena Road to railroad tracks)	S&E	EBS				\$190,000			\$190,000
Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping.									
Building Improvement Program	S&E	EBS	\$75,000						\$75,000
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.									

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2018								
Fire Station Roof Replacement	S&E	EBS		\$295,000				\$295,000
Replacement of the roof on the Worthington Fire Station, which has been evaluated and has reached the end of its useful life. Funding is provided in 2017 for design work with the construction scheduled for 2018.								
Municipal Building Roof Replacement	S&E	EBS	\$75,000					\$75,000
Replacement of the Municipal Building Roof. Funding is provided in 2017 for design with construction scheduled for 2018.								
Municipal Building Window and Door Replacements (Construction)	S&E	EBS		\$100,000				\$100,000
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)								
Old Worthington Street Light and Mast Arm Rehabilitation Project	S&E	EBS	\$85,000					\$85,000
Conversion of the Old Worthington street light system to LED and the painting of street light supports and decorative mast arm traffic signal supports in the City. This project will be phased over three years.								
Fuel Dispensing System and Tank Farm	S&E	EBS	\$175,000					\$175,000
Replacement of the tank farm and fuel dispensing system at the Highland Avenue complex. The tank system is beyond its expected life and uses old analog dispensers. The tubs do not meet current code and the underground tanks are old. The project will include evaluation of alternative fuel capabilities and joint user options with partner agencies. This project is being phased over two years.								
Fleet Garage Floor Drain System and Lift	S&E	EBS	\$100,000					\$100,000
Our HD Truck Lift is very unreliable and is becoming a safety concern. There is no sump pump in the lift and there will need to be drainage added to remove the current water retention problem.								
Community Center Parking Lot Reconstruction	S&E	EBS	\$175,000					\$175,000
Reconstruct the parking lot for the Community Center. The project will be phased over two years.								
Traffic Signal Improvement Program	S&E	EBS	\$50,000					\$50,000
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.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total	
			CIP Fund	Bonds	Assessment	License Tax	State		Other
Year: 2018									
Urban Forestry Restoration	P&R	IBS	\$7,500					\$7,500	
Annual program to replace trees around city facilities, parks, and/or in key city corridors. The Arbor Advisory Committee works with City arborists to determine each year's project site.									
CBD Paver Renovation	S&E	IBS	\$20,000					\$20,000	
This is a phased project over four years to remove, level and reset sidewalk pavers from the Village Green Drive South to South Street									
CBD Holiday Decoration Replacement	S&E	IBS	\$45,000					\$45,000	
Replace the holiday decorations for the Central Business District (Old Worthington) corridor									
Community Center Water Slide Refurbishing	P&R	IBS	\$4,000					\$4,000	
Resurfacing of the large water slide in the Community Center to bring back the original shine and look.									
Community Wayfinding Signage	S&E	E	\$50,000					\$50,000	
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.									
Bike & Pedestrian Improvements	P&R	E	\$100,000					\$100,000	
The City has been evaluating the bicycle and pedestrian needs of the community. This new annual allocation provides funding to implement recommendations of the plan.									
2018 Total - Projects			\$1,949,500	\$1,433,400	\$25,000	\$190,000	\$0	\$0	\$3,597,900

Year: 2019								
Oxford Court/Southwest Addition Sanitary Improvement (Design)	S&E	LM	\$50,000					\$50,000
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.								
North Districts Sanitary Sewer Improvements	S&E	LM		\$500,000				\$500,000
Repair, rehabilitation and/or replacement of sanitary sewer infrastructure in the North Sanitary Sewer districts as identified in the North Districts Study.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2019								
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000			\$900,000
<p>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.</p>								
Arterial Improvements (High Street, South Corp. to South Street)	S&E	EBS	\$48,000			\$192,000		\$240,000
<p>Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping.</p>								
Building Improvement Program	S&E	EBS	\$75,000					\$75,000
<p>Annual project consisting of improvements needed to maintain the City buildings in good condition. As an ongoing project, buildings are evaluated annually and repairs are prioritized based on available funding. The Community Center is not included due to its intense public use, larger scale and specialization of projects.</p>								
Old Worthington Street Light and Mast Arm Rehabilitation Project	S&E	EBS	\$85,000					\$85,000
<p>Conversion of the Old Worthington street light system to LED and the painting of street light supports and decorative mast arm traffic signal supports in the City. This project will be phased over three years.</p>								
Fuel Dispensing System and Tank Farm	S&E	EBS	\$175,000					\$175,000
<p>Replacement of the tank farm and fuel dispensing system at the Highland Avenue complex. The tank system is beyond its expected life and uses old analog dispensers. The tubs do not meet current code and the underground tanks are old. The project will include evaluation of alternative fuel capabilities and joint user options with partner agencies. This project is being phased over two years.</p>								
Upper Rush Run Stream Restoration	S&E	EBS	\$250,000					\$250,000
<p>Implementation of the study recommendations regarding the restoration of the stream environment of Upper Rush Run from the Huntley Bowl to Lakeview Plaza. Work to include environmentally sound techniques to remove silt and provide improved drainage</p>								
Community Center Parking Lot Reconstruction	S&E	EBS	\$175,000					\$175,000
<p>Reconstruct the parking lot for the Community Center. This project will be phased over two years.</p>								
Fleet Garage Lighting Upgrade	S&E	EBS	\$20,000					\$20,000
<p>Replace all overhead lighting fixtures in Garage and Parts Room areas to reduce costs and improve safety</p>								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2019								
Community Center Fitness Floor Painting	P&R	EBS	\$14,000					\$14,000
Repainting of the fitness floor area of the Community Center. The area is typically painted every five years on average.								
Community Center Locker Room Painting	P&R	EBS	\$9,500					\$9,500
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.								
Urban Forestry Restoration	P&R	IBS	\$7,500					\$7,500
Annual program to replace trees around city facilities, parks, and/or in key city corridors. The Arbor Advisory Committee works with City arborists to determine each year's project site.								
Huntley/Wilson Bridge/Worthington Galena (Construction)	S&E	IBS		\$2,118,705			\$8,474,821	\$10,593,526
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 party by Federal Attributable Funds.								
CBD Paver Renovation	S&E	IBS	\$20,000					\$20,000
This is a phased project over four years to remove, level and reset sidewalk pavers from the Village Green Drive South to South Street								
Community Center North Locker Room Shower Stall Alterations	P&R	IBS	\$16,500					\$16,500
This project allows for the insulation of the water lines supplying water to the shower valves and heads; and replacement of the shower tiles, backer board, and shower valves and hardware as needed.								
McCord Park Playground Replacement	P&R	IBS	\$200,000					\$200,000
Replacement of the McCord Park Playground. The playground is over 20 years old and in need of replacement. These funds replace the existing playground, safety surfacing, and any curb/sidewalk work around the playground areas.								
Community Center Pool Underwater Lighting Replacement with LEDs	P&R	IBS	\$21,000					\$21,000
Retrofit the existing pool lighting with underwater LEDs. The LED lights are anticipated to pay for themselves over the life expectancy (8-10 years) of the bulb.								
Security System Improvements	S&E	IBS	\$50,000					\$50,000
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.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total	
			CIP Fund	Bonds	Assessment	License Tax	State		Other
Year: 2019									
Community Wayfinding Signage	S&E	E	\$50,000					\$50,000	
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.									
Bike & Pedestrian Improvements	P&R	E	\$100,000					\$100,000	
The City has been evaluating the bicycle and pedestrian needs of the community. This annual allocation provides funding to implement recommendations of the plan.									
Alrojo/Samada Sanitary Sewers (construction)	S&E	AP			\$361,000			\$361,000	
Construction of public sanitary sewers funded by assessment to serve the unserved properties west of Olentangy River Road and south of Granville Road.									
2019 Total - Projects			\$2,241,500	\$2,618,705	\$386,000	\$192,000	\$0	\$8,474,821	\$13,913,026

Year: 2020								
Oxford Court/Southwest Addition Sanitary Improvement	S&E	LM	\$300,000					\$300,000
Replacement of the sanitary sewers serving the Oxford court area. These sewers is being evaluated in the Central District Study. Some sewers are not located in public easements and are expected to be recommended for replacement.								
North Districts Sanitary Sewer Repairs & Lining	S&E	LM		\$250,000				\$250,000
Repairs to the North Districts sanitary sewer infrastructure to be identified in the North Districts Sanitary Sewer Study.								
West & Industrial Districts Sewer Study	S&E	LM	\$200,000					\$200,000
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.								
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000			\$900,000
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.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2020								
Arterial Improvements (Wilson Bridge Road, Huntley to High)	S&E	EBS				\$400,000		\$400,000
Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping.								
Building Improvement Program	S&E	EBS	\$75,000					\$75,000
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.								
Community Center Window Replacements - Art, Pottery & Childcare	P&R	EBS	\$26,000					\$26,000
Replacement of the windows in the art studio, pottery room, and childcare room in the south end of the Community Center.								
Traffic Signal Improvement Program	S&E	EBS	\$50,000					\$50,000
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.								
Community Center South End Door Replacements	P&R	EBS	\$70,000					\$70,000
Replacement of exterior doors on the south end of the Community Center.								
McCoy/South Storm Sewer Improvement	S&E	EBS	\$85,000					\$85,000
Replacement of the storm sewer under Morning Street from McCoy Street to South Street								
Fire Station Wallpaper Replacement	FD	EBS	\$20,000					\$20,000
Wall coverings last replaced 2005.								
Fire Station Carpet Replacement	FD	EBS	\$25,000					\$25,000
Carpet last replaced 2006.								
Urban Forestry Restoration	S&E	IBS	\$7,500					\$7,500
Annual program to replace trees around city facilities, parks, and/or in key city corridors. The Arbor Advisory Committee works with City arborists to determine each year's project site.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total	
			CIP Fund	Bonds	Assessment	License Tax	State		Other
Year: 2020									
CBD Paver Renovation	S&E	IBS	\$20,000					\$20,000	
This is a phased project over four years to remove, level and reset sidewalk pavers from the Village Green Drive South to South Street									
East Granville Road Park Playground Replacement	P&R	IBS	\$150,000					\$150,000	
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.									
Community Wayfinding Signage	S&E	E	\$50,000					\$50,000	
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.									
Bike & Pedestrian Improvements	P&R	E	\$100,000					\$100,000	
The City has been evaluating the bicycle and pedestrian needs of the community. This annual allocation provides funding to implement recommendations of the plan.									
Pickleball Courts	P&R	E	\$80,000					\$80,000	
The addition of six outdoor pickleball courts in one of our parks. Pickleball is an emerging sport for seniors and people of all ages. We have heavy usage of our indoor courts at the Community Center and over two summer seasons with temporary courts painted on the Wilson Hill Park tennis courts.									
Olentangy Parklands Restroom Facility	P&R	E	\$90,000					\$90,000	
The addition of a permanent restroom facility at the Olentangy Parklands in the area of the tennis courts, trailhead, skate park, sledding hill and soccer field. This is one of our most heavily used parks and as a part of the park planning process this has been identified as a priority project.									
2020 Total - Projects			\$2,223,500	\$250,000	\$25,000	\$400,000	\$0	\$0	\$2,898,500
Year: 2021									
West & Industrial Districts Sewer Improvements	S&E	LM	\$500,000					\$500,000	
Repair, rehabilitation and/or replacement of sanitary sewer infrastructure in the West and Industrial districts as identified in the West and Industrial Districts Study.									

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total
			CIP Fund	Bonds	Assessment	License Tax	State	
Year: 2021								
Street & Sidewalk Improvement Program	S&E	EBS	\$875,000		\$25,000			\$900,000
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.								
Arterial Improvements (Proprietors Road, Granville to Schrock)	S&E	EBS				\$255,000		\$255,000
Repair of curbs and gutters, storm inlets, and street base; mill and overlay of pavement; and restriping.								
Building Improvement Program	S&E	EBS	\$75,000					\$75,000
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.								
Urban Forestry Restoration	S&E	IBS	\$7,500					\$7,500
Annual program to replace trees around city facilities, parks, and/or in key city corridors. The Arbor Advisory Committee works with City arborists to determine each year's project site.								
Security System Improvements	S&E	IBS	\$50,000					\$50,000
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.								
Shaker Square Park Playground Replacement	P&R	IBS	\$125,000					\$125,000
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.								
Community Wayfinding Signage	S&E	E	\$50,000					\$50,000
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.								
Bike & Pedestrian Improvements	P&R	E	\$100,000					\$100,000
The City has been evaluating the bicycle and pedestrian needs of the community. This annual allocation provides funding to implement recommendations of the plan.								

2017-2021 Capital Improvement Program - Projects

Project	Dept.	Category	Funding					Total	
			CIP Fund	Bonds	Assessment	License Tax	State		Other
Year: 2021									
Huntley Road Bicycle & Pedestrian Accommodations	S&E	S						\$1,060,180	\$1,060,180
Construction of sidewalks and bike lanes from the southern terminus of the project at the intersection of Huntley, Worthington Galena and Wilson Bridge Roads to Schrock Road. Anticipate pursuit of a grant to fund this project.									
2021 Total - Projects			\$1,782,500	\$0	\$25,000	\$255,000	\$0	\$1,060,180	\$3,122,680
TOTAL CIP PROJECTS			\$10,425,150	\$8,784,618	\$486,000	\$1,462,000	\$0	\$11,693,051	\$32,850,819

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	
Year: 2017								
Computer Replacement Program	A/IT	\$85,000						\$85,000
This is an annual program that provides for replacement of computers throughout the City. The oldest or most problematic computers are replaced each year. Most of the computers are on a four-year replacement schedule, although certain intensive use computers are replaced more frequently.								
Municipal Building Furniture	A/IT	\$25,000						\$25,000
New chairs and tables will be purchased for the training room in the Louis J.R. Goorey Municipal Building to replace the existing tables and chairs which are deteriorating due to age and use. Project also involves the replacement of the conference room furniture in the City's Manager's office. The furniture is twenty years old and is showing its age.								
Timekeeping Software/Hardware	A/IT	\$25,000						\$25,000
Implementation of new timekeeping system at the Griswold and Community Center, including four (4) timeclocks, setup fees, and support services. This funding also covers the cost for the current payroll software vendor to make the programming changes necessary to accept electronic timekeeping data. Replaces current process utilizing hundreds of spreadsheets and manual data entry of timekeeping data.								
Firefighter Protective Equipment	FD	\$40,000						\$40,000
This purchase is to replace the turnout gear for 1/3 of the department. This equipment is on a four year replacement cycle.								
Small Equipment Replacement	FD	\$15,000						\$15,000
Each one of the fire vehicles carry a number of power tools, generators, saws, hydraulic pumps, etc. This project provides for replacement of this equipment as necessary.								
Small Equipment Replacement	P&R	\$15,000						\$15,000
Annual replacement of small equipment in the Parks and Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000 in value.								
Community Center Fitness Equipment	P&R	\$82,000						\$82,000
Replacement of a portion of the fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years, spread over three years, with the exception of our free weights which typically have a lifespan of 10 years.								
Leisure Pool Play Structure	P&R	\$100,500						\$100,500
Replacement of the clam slide (small blue slide) and bucket toy feature in the Community Center Leisure Pool. Both items are at the end of their useful life and need replaced.								

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding							Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	Other	
Year: 2017									
Griswold Fitness Equipment	P&R	\$17,000							\$17,000
Replacement of the fitness equipment at the Griswold Center. This fitness equipment is typically replaced every five years.									
Turf Mowers with Trailer (#0255 & #0263)	P&R	\$19,000							\$19,000
Replacement of two 72 inch Z Turn mowers and a trailer. 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. The trailer is used to haul the mowers for the crew from site to site. 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.									
3/4 Ton Pickup (#0240)	P&R	\$41,000							\$41,000
This unit has 79,635 miles and substantial rust and accident damages.									
Transit Bus (#0211)	P&R	\$80,000							\$80,000
This is a 2003 transit bus utilized to haul seniors and campers to activities and events. It has 94,599 miles.									
Toro Workman - Ball Diamond Machine	P&R	\$15,000							\$15,000
The Cushman Ball Diamond unit blew an engine in the spring and we are currently down one unit for prepping ball diamonds in the parks.									
Community Center Fitness Sound Equipment	P&R	\$16,000							\$16,000
Replacement of the sound systems and speakers in the Fitness Studio and North Gym at the Community Center. The system has reached the end of its useful life and is impacting our ability to provide quality instruction for our larger fitness classes. This is the replacement of the original system dating back to 2003.									
Community Center Spinning Bikes	P&R							\$21,000	\$21,000
Replacement of 14 spinning bikes at the Community Center. Our current bikes are at the end of their useful life. These bikes are used to generate program revenue and can be purchased from our revolving fund.									
Griswold Auto Scrubber	P&R	\$8,000							\$8,000
Auto scrubber to help maintain the new flooring at the Griswold Center. Staff currently load and unload the auto scrubber from the Community Center adding wear and tear and eventually shortening the life of it not to mention the time and effort of hauling it back and forth.									

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	
Year: 2017								
3/4 Ton Pickup (#0250) Replacement of the 3/4 ton pick-up 250-07R.	P&R	\$41,000						\$41,000
Scanner/Plotter/Printer This piece of equipment will enable the Department of Planning & Building to scan, copy and print large format documents. The Department currently utilizes a very old plotter in Service & Engineering. This new piece of equipment will enable the City to continue to work with the large format documents when the old one stops working. In the meantime, it allows for Planning & Building to have access to the equipment without the need to go to Service & Engineering.	P&B	\$10,000						\$10,000
Work Management Software The software would track and organize service requests, work orders, inspections, projects, citizen concerns and all types of work activities. Map layers can be created to display information such as all open requests, pavement condition, all repaired potholes for a given time period, etc. Reports of all types can be generated using various search parameters or set up as customized templates. Allows staff at all levels—field workers, call takers, and administration—to get the information they need to perform their jobs efficiently and make wise use of the resources to manage assets and provide services. Also provides land-focused asset management capabilities for permitting, licensing, service requests and code enforcement tracking.	P&B	\$75,000						\$75,000
Police Cruisers (#0323, #0325 & #0327) 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	\$125,000						\$125,000
Mobile Data Terminals - Police 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	\$21,000						\$21,000
Police Initial Issue Anticipate hiring three additional officers in 2017 and this will cover all initial issue equipment.	PD	\$19,500						\$19,500
Small Equipment Replacement Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.	S&E	\$15,000						\$15,000
Sign Shop Large Format Laser Printer This will allow us to make professional signs for City functions and upgrade the City's old technology in this area.	S&E	\$23,000						\$23,000

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total	
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State		Other
Year: 2017									
Service and Engineering Management and Operation System	S&E	\$50,000						\$50,000	
Consulting services to evaluate software for implementing a computerized management and operation system for the Service and Engineering Department									
1/2 Ton Pickup (#0430)	S&E	\$31,000						\$31,000	
Replacement of a 1/2 ton pickup truck used by the Service staff. The vehicle has 101,000 miles plus a lot of idling time.									
Leaf Vacuum (#0467)	S&E	\$60,000						\$60,000	
Replacement of a 1998 unit. It is requiring frequent maintenance and is used heavily in leaf season									
Bucket Truck (#0436)	S&E	\$115,000						\$115,000	
Replacement of a 2001 unit used for traffic lights, tree work, street lights and sign placement. The current truck has experienced extensive downtime due to repairs.									
2 1/2 Ton Dump Truck w/ Plow & Spreader (#0437)	S&E	\$166,000						\$166,000	
Replacement of 2005 unit used for salt application, snow removal and leaf removal. It has extensive rust and corrosion.									
Pickup Truck (#0412)	S&E	\$26,000						\$26,000	
Replacement of a 2001 pickup truck with Transit Connect with head screen and shelving									
Forklift (#0492)	S&E	\$25,000						\$25,000	
Replacement of a 1992 CAT forklift that is used daily by multiple departments. Current unit is undersized and would be replaced with a used model.									
Arrow Board (#0496)	S&E	\$20,000						\$20,000	
Replacement of a 1990 arrow board with an upgraded LED model that would help with announcements and road concerns.									
Street Sweeper (#460)	S&E	\$46,000						\$46,000	
Replacement of 2005 Unit #0460 used for street cleaning. The sweeper is in the shop frequently for major repairs and is the only one we have. This item will be acquired through a five-year lease.									
2017 Total - Equipment		\$1,452,000	\$0	\$0	\$0	\$0	\$0	\$21,000	\$1,473,000

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding							Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	Other	
Year: 2018									
Computer Replacement Program	A/IT	\$85,000							\$85,000
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.									
Public Safety Hardware, Servers and Upgrades	A/IT	\$325,000							\$325,000
Hardware servers and software merger for VisionAir/TriTech systems									
Radios	A/IT	\$100,000							\$100,000
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 will no longer be manufactured for certain radio models in use by the City. This project provides funding to replace radios as needed due to the lack of available parts.									
Timekeeping Hardware/Software	A/IT	\$15,000							\$15,000
Continuing implementation of new timekeeping software. The 2018 funding request is for timeclocks at the Parks Maintenance and Service locations.									
Firefighter Protective Equipment	FD	\$40,000							\$40,000
This purchase is to replace the turnout gear for 1/3 of the department. This equipment is on a four year replacement cycle.									
Self Contained Breathing Apparatus	FD	\$250,000							\$250,000
Replacement of the breathing apparatus the firefighters use to protect themselves from smoke and other harmful chemicals. The SCBA equipment will be 10 years old and at the end of its useful life. Staff will pursue a grant to fund this equipment.									
Small Equipment Replacement	P&R	\$15,000							\$15,000
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.									
Community Center Fitness Equipment	P&R	\$70,000							\$70,000
Replacement of select fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years, spread over three years, with the exception of our free weights which typically have a lifespan of 10 years.									
Community Center Copier	P&R	\$24,000							\$24,000
Replacement of the copier at the Community Center. Typical lifespan is five years.									

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	
Year: 2018								
Turf Mowers (#0251 & #0253)	P&R	\$19,000						\$19,000
Replacement of two 72 inch Z Turn mowers and a trailer. 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. The trailer is used to haul the mowers for the crew from site to site. 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.								
Transit Bus (#0209)	P&R	\$85,000						\$85,000
This is a 2008 transit bus utilized to haul seniors and campers to activities and events.								
Pool Equipment	P&R	\$15,000						\$15,000
Replacement of broken storage units, basketball hoop, lifejacket storage bin, benches on pool deck, and lounge chairs for patio. All of this equipment has reached the end of its useful life.								
Staff Vehicle	P&B	\$23,000						\$23,000
Replacement of a utility vehicle used by the Planning & Building staff								
Police Cruisers (#0320, #0321 & #0328)	PD	\$127,000						\$127,000
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.								
Mobile Data Terminals - Police	PD	\$22,000						\$22,000
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.								
Furniture - Communication Center	PD	\$55,000						\$55,000
Purchase new furniture in the Police Communications Center to create a better layout.								
S2 Data Platform Partitioning	PD	\$6,200						\$6,200
Allows for the S2 door access control system to be partitioned based upon buildings. As we integrate larger-scaled facilities, it will be beneficial for administrators for internal needs.								
Small Equipment Replacement	S&E	\$12,000						\$12,000
Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.								

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	
Year: 2019								
Small Equipment Replacement	FD	\$5,000						\$5,000
Replace various small equipment in the Fire Division.								
Fire Prevention Tablets	FD	\$4,000						\$4,000
This purchase is to maintain the replacement cycle on three inspection tablets. These tablets are used by field inspectors to document inspections and to issue corrective orders.								
Medic Vehicle (#0516/M102)	FD	\$325,000						\$325,000
This is the replacement of a medic vehicle.								
SCBA Filling Station	FD	\$80,000						\$80,000
Replacement of the breathing air system air compressor and cascade bottles								
SUV (#0522/C102)	FD	\$45,000						\$45,000
Replacement of Chief 102 2008 Chevrolet Tahoe and Up-Fit								
EMS Tablets	FD	\$24,000						\$24,000
Replacement of the tablets used in the field for EMS runs and billing.								
Small Equipment Replacement	P&R	\$15,000						\$15,000
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.								
Pool Filter Sand	P&R	\$23,700						\$23,700
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 10 year life expectancy before needing replacement.								
Community Center Basketball Backboards/Equipment	P&R	\$62,500						\$62,500
Replacement of all 8 electronically operated basketball backboards, operators, pullies, cables, and relays in the Community Center gymnasiums. This price includes installation.								

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	
Year: 2019								
Turf Mowers	P&R	\$19,000						\$19,000
Replacement of two 72 inch Z Turn mowers and a trailer. 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. The trailer is used to haul the mowers for the crew from site to site. 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.								
Griswold Copier	P&R	\$11,000						\$11,000
Replacement of the copy machine at the Griswold Center.								
Police Cruisers	PD	\$85,000						\$85,000
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.								
Mobile Data Terminals - Police	PD	\$15,000						\$15,000
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.								
Small Equipment Replacement	S&E	\$10,000						\$10,000
Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.								
Street Sweeper (#460) (lease payment)	S&E	\$46,000						\$46,000
This is a lease payment for the equipment purchased in 2017.								
Loader (#0457) (lease payment)	S&E	\$40,000						\$40,000
This is a lease payment for the equipment purchased in 2018.								
Leaf Vacuum (#465)	S&E	\$70,000						\$70,000
Replacement of a 1989 leaf vacuum used heavily in leaf season Price increase due to Tier 4 Emissions upgrades								
Cargo Van (#0420)	S&E	\$30,000						\$30,000
Replacement of a 2004 Chevrolet Astro Van								

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding							Total	
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	Other		
Year: 2019										
Zero Turn Mower (#4179)	S&E	\$12,000								\$12,000
Replacement of a 2012 Hustler Z mower used for ground maintenance throughout the City										
Backhoe (#0458)	S&E	\$90,000								\$90,000
Replacement of a 1999 John Deere 310 Backhoe. Utilized for street dig ups and construction work.										
2019 Total - Equipment		\$1,197,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,197,200
Year: 2020										
Computer Replacement Program	A/IT	\$85,000								\$85,000
This is an annual program that provides for replacement of computers throughout the City. The oldest or most problematic computers are replaced each year. Most of the computers are on a four-year replacement schedule, although certain intensive use computers are replaced more frequently.										
Municipal Building Furniture	A/IT	\$20,000								\$20,000
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, thus making the room more functional for various types of meetings.										
Radios	A/IT	\$100,000								\$100,000
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 will no longer be manufactured for certain radio models in use by the City. This project provides funding to replace radios as needed due to the lack of available parts.										
Timekeeping Hardware/Software	A/IT	\$15,000								\$15,000
Continuing implementation of new timekeeping software.										
Small Equipment Replacement	FD	\$5,000								\$5,000
Replace various small equipment										
Mobile Data Terminals for Fire Vehicles	FD	\$75,000								\$75,000
Replacement of the mobile data terminals (computers) in the Fire & EMS vehicles.										

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	
Year: 2020								
Small Equipment Replacement	P&R	\$15,000						\$15,000
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.								
Transit Bus (#0210)	P&R	\$87,000						\$87,000
Replacement of a 2007 Ford E450 transit bus that is used to haul seniors and campers to activities and events.								
Turf Mowers	P&R	\$19,000						\$19,000
Replacement of two 72 inch Z Turn mowers and a trailer. 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. The trailer is used to haul the mowers for the crew from site to site. 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.								
Community Center Variable Speed Drives Replacement	P&R	\$16,000						\$16,000
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.								
Police Cruisers	PD	\$130,000						\$130,000
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.								
Mobile Data Terminals - Police	PD	\$22,500						\$22,500
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.								
Staff Car (#0333)	PD	\$25,000						\$25,000
This is a 2006 Ford Fusion. Plan to upgrade to a larger sedan.								
In Car Video Equipment	PD	\$70,000						\$70,000
Anticipate the need to replace the video equipment in the police cars.								

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding							Total	
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	Other		
Year: 2020										
Small Equipment Replacement	S&E	\$10,000								\$10,000
Funding for small equipment replacement in the Service & Engineering Department as necessary. Typical equipment includes chain saws, weed wackers and other power tools.										
Street Sweeper (#460) (lease payment)	S&E	\$46,000								\$46,000
This is a lease payment for the equipment purchased in 2017.										
Loader (#0457) (lease payment)	S&E	\$40,000								\$40,000
This is a lease payment for the equipment purchased in 2018.										
4x4 Utility Vehicle (#0480)	S&E	\$12,000								\$12,000
Replacement of a 2004 RTV900W Utility Vehicle that will be 16 years old										
Leaf Vacuum (#0469)	S&E	\$70,000								\$70,000
Replacement of a 2008 Leaf Vacuum Used very heavily in leaf season										
1 Ton Dump w/Plow & Spreader (#0433)	S&E	\$85,000								\$85,000
Replacement of a 2012 F550 utilized daily for Service maintenance work, leaf collection and snow removal.										
Wood Chipper (#0464)	S&E	\$40,000								\$40,000
Replacement of a 2006 Carlton Wood chipper. Used regularly by Arborists, Parks and Service departments.										
Air Compressor (#0478)	S&E	\$25,000								\$25,000
Replacement of a 1996 Atlas Copco towable air compressor										
2020 Total - Equipment		\$1,012,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,012,500

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding							Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	Other	
Year: 2021									
Computer Replacement Program	A/IT	\$85,000							\$85,000
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.									
Radios	A/IT	\$100,000							\$100,000
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 will no longer be manufactured for certain radio models in use by the City. This project provides funding to replace radios as needed due to the lack of available parts.									
Timekeeping Hardware/Software	A/IT	\$15,000							\$15,000
Continuing implementation of new timekeeping software.									
Small Equipment Replacement	FD	\$5,000							\$5,000
Replace various small equipment in the Fire Division.									
Medic Vehicle (M101/#0513)	FD	\$350,000							\$350,000
Replacement of a 2013 F550 Medic and Body (M101/#0513)									
SUV (#0521/ C101)	FD	\$45,000							\$45,000
Replacement of Chief 101 2008 Chevrolet Tahoe and Up-Fit.									
Small Equipment Replacement	P&R	\$15,000							\$15,000
Annual replacement of small equipment in the Parks & Recreation Department. Includes non-fleet equipment typically between \$500 and \$5,000.									
Community Center Fitness Equipment	P&R	\$100,000							\$100,000
Replacement of select fitness equipment on the fitness floor at the Community Center. All of the equipment is typically replaced every five years, spread over three years, with the exception of our free weights which typically have a lifespan of 10 years.									

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding						Total
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	
Year: 2021								
Turf Mowers	P&R	\$19,000						\$19,000
Replacement of two 72 inch Z Turn mowers and a trailer. 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. The trailer is used to haul the mowers for the crew from site to site. 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.								
Community Center Domestic Hot Water Tank	P&R	\$20,000						\$20,000
Replacement of the Domestic Hot Water Tank at the Community Center. The current unit will be at the end of its useful life.								
Police Cruisers	PD	\$132,000						\$132,000
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.								
Mobile Data Terminals - Police	PD	\$23,000						\$23,000
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.								
Small Equipment Replacement	S&E	\$10,000						\$10,000
Funding for small equipment replacement as necessary. Typical equipment includes chain saws, weed wackers and other power tools.								
Street Sweeper (#460) (lease payment)	S&E	\$46,000						\$46,000
This is a lease payment for the equipment purchased in 2017.								
Loader (#0457) (lease payment)	S&E	\$40,000						\$40,000
This is a lease payment for the equipment purchased in 2018.								
Leaf Vacuum (#0468)	S&E	\$45,000						\$45,000
Replacement of a 2008 Dinkmar Mule This unit is used very heavily during leaf season.								
1/2 Ton Pickup (#4034)	S&E	\$31,000						\$31,000
Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.								

2017-2021 Capital Improvement Program - Equipment

Equipment	Dept.	Funding							Total	
		CIP Fund	Bonds	Assessment	MMVLT	License Tax	State	Other		
Year: 2021										
1/2 Ton Pickup (#4035)	S&E	\$31,000								\$31,000
Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.										
1/2 Ton Pickup (#4042)	S&E	\$31,000								\$31,000
Replacement of a 2011 Chevrolet 1500 pickup truck. This unit is used daily for the Service Department.										
2021 Total - Equipment		\$1,143,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,143,000
TOTAL CIP EQUIPMENT		\$6,528,900	\$0	\$0	\$0	\$0	\$0	\$0	\$21,000	\$6,549,900

CIP Fund Cash Flow

Revenue	2017	2018	2019	2020	2021
Income Tax	\$4,937,442	\$5,036,191	\$5,162,096	\$5,291,148	\$5,423,426
MMVLT	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Grant Funds	\$0	\$225,000	\$0	\$0	\$0
Other Revenue	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
TOTAL REVENUE	\$5,097,442	\$5,421,191	\$5,322,096	\$5,451,148	\$5,583,426

Cat. Projects	2017	2018	2019	2020	2021
LM Northbrook Relief Sewer Phase II		bond			
LM Central District Sanitary Sewer - Morning Street		bond			
LM Central District Sanitary Sewer - North & Hartford		bond			
LM Central District Sanitary Sewer - North, Hartford - Morning		bond			
LM Central District Sanitary Sewer - North, Morning - Ridgedale		bond			
LM North Districts Sewer Study	\$175,000				
LM Kenyonbrook Trunk Sewer Improvement		bond			
LM Hardy Way Sanitary Sewer Relocation		\$113,000			
LM Oxford Court/Southwest Addition Sanitary Improvement			\$50,000	\$300,000	
LM North Districts Sanitary Sewer Improvements			bond		
LM North Districts Sanitary Sewer Repairs & Lining				bond	
LM West & Industrial Districts Study				\$200,000	
LM West & Industrial Districts Sewer Improvements					\$500,000
EBS Street & Sidewalk Improvement Program	\$875,000	\$875,000	\$875,000	\$875,000	\$875,000
EBS Arterial Improvements	license tax	license tax	\$48,000	license tax	license tax
EBS Building Improvement Program	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
EBS Community Center HVAC Improvements	bond				
EBS Community Center South End Roof Replacement	bond				
EBS Com Ctr Natatorium Sprinkler Head Replacement	\$66,000				
EBS Fire Apparatus Bay Exhaust & Heating System	\$126,000				
EBS Service Facility Grit Pad	\$10,000				
EBS Sewer Repair near Kilbourne Building	\$7,500				
EBS Fleet Garage Ventilation System	\$10,000				
EBS Community Center Shutdown Improvements	\$22,500				
EBS Fire Station Roof Replacement	\$35,400	bond			
EBS Municipal Building Roof Replacement	\$17,500	\$75,000			
EBS Municipal Building Window & Door Replacements	\$15,000	bond			
EBS Old Worthington Street Light & Mast Arm Rehabilitation	\$85,000	\$85,000	\$85,000		
EBS Fuel Dispensing System & Tank Farm Replacement	\$20,000	\$175,000	\$175,000		
EBS Upper Rush Run Stream Restoration	\$25,000		\$250,000		
EBS Community Center Window Replacement	\$25,000			\$26,000	
EBS Fleet Garage Floor Drain System & Lift		\$100,000			
EBS Community Center Parking Lot Reconstruction		\$175,000	\$175,000		
EBS Traffic Signal Improvement Program		\$50,000		\$50,000	
EBS Fleet Garage Lighting Upgrade			\$20,000		
EBS Community Center Fitness Floor Painting			\$14,000		
EBS Community Center Locker Room Painting			\$9,500		
EBS Community Center South End Door Replacement				\$70,000	
EBS McCoy/South Storm Sewer Improvement				\$85,000	
EBS Fire Station Wallpaper Replacement				\$20,000	
EBS Fire Station Carpet Replacement				\$25,000	
IBS Urban Forestry Restoration	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
IBS Huntley/Wilson Bridge/Worthington Galena Intersection		bond	bond		
IBS Perry Park Field 3 Improvements	\$120,000				
EBS Perry Park Path Improvement	\$150,000				
IBS McCord Park Master Planning	\$20,000				
IBS Dog Park Parking Lot Addition	\$45,000				
IBS Olentangy Parklands Tennis Court Fencing	\$21,000				
IBS Irrigation Controller Replacements	\$21,000				

IBS	Granby Street Drainage	\$20,000				
IBS	CBD Paver Renovation	\$20,000	\$20,000	\$20,000	\$20,000	
IBS	CBD Holiday Decoration Replacement		\$45,000			
IBS	Community Center Water Slide Refurbishing		\$4,000			
IBS	Com Ctr North Locker Room Shower Stall Alterations			\$16,500		
IBS	McCord Park Playground Replacement			\$200,000		
IBS	Community Center Pool Underwater Lighting Replacement			\$21,000		
IBS	Security System Improvements			\$50,000		\$50,000
IBS	East Granville Road Park Playground Replacement				\$150,000	
IBS	Shaker Square Playground Replacement					\$125,000
E	Community Wayfinding Signage	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
E	Bike & Pedestrian Improvements	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
E	Wilson Bridge Corridor Enhancements		bond			
E	Community Center Game Room Conversion		other			
E	Pickleball Courts				\$80,000	
E	Olentangy Parklands Restroom Facility				\$90,000	
E	Huntley Road Bicycle & Pedestrian Accommodations					other
AP	Alrojo/Samada Sanitary Sewers	\$63,750		assessment		
TOTAL PROJECTS		\$2,228,150	\$1,949,500	\$2,241,500	\$2,223,500	\$1,782,500

Equipment	2017	2018	2019	2020	2021
ADMINISTRATION/IT					
Computer Replacement Program	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000
Municipal Building Furniture Replacement	\$25,000			\$20,000	
Public Safety Hardware, Servers & Upgrades		\$325,000			
Radios		\$100,000	\$100,000	\$100,000	\$100,000
Timekeeping Software/Hardware	\$25,000	\$15,000		\$15,000	\$15,000
FIRE					
Firefighter Protective Equipment	\$40,000	\$40,000			
Small Equipment Replacement	\$15,000		\$5,000	\$5,000	\$5,000
Self Contained Breathing Apparatus		\$250,000			
Fire Prevention Tablets			\$4,000		
Medic Vehicle (#0522/M102)			\$325,000		
SCBA Filling Station			\$80,000		
SUV (#0522/C102)			\$45,000		
EMS Tablets			\$24,000		
Mobile Data Terminals for Fire Vehicles				\$75,000	
Medic Vehicle (M101/#0513)					\$350,000
SUV (#0521/C101)					\$45,000
PARKS & RECREATION					
Small Equipment Replacement	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Community Center Fitness Equipment	\$82,000	\$70,000			\$100,000
Leisure Pool Play Structure	\$100,500				
Griswold Fitness Equipment	\$17,000				
Turf Mowers with Trailer (#0255 & #0263)	\$19,000				
3/4 Ton Pickup Truck (#0240)	\$41,000				
Transit Bus (#0211)	\$80,000				
Toro Workman - Ball Diamond Machine	\$15,000				
Community Center Fitness Sound Equipment	\$16,000				
Community Center Spinning Bikes					other
Griswold Auto Scrubber	\$8,000				
3/4 Ton Pickup Truck (#0250)	\$41,000				
Community Center Copier Replacement		\$24,000			
Turf Mowers (#0251 & #0253)		\$19,000			
Transit Bus (#0209)		\$85,000			
Pool Equipment		\$15,000			
Pool Filter Sand			\$23,700		
Community Center Basketball Backboards/Equipment			\$62,500		
Turf Mowers (2)			\$19,000		

Griswold Copier			\$11,000		
Transit Bus (30210)				\$87,000	
Turf Mowers (2)				\$19,000	
Community Center Variable Speed Drives Replacement				\$16,000	
Turf Mowers (2)					\$19,000
Community Center Domestic Hot Water Tank					\$20,000
PLANNING & BUILDING					
Scanner/Plotter/Printer	\$10,000				
Work Management Software	\$75,000				
Staff Vehicle			\$23,000		
POLICE					
Police Cruiser Replacement	\$125,000	\$127,000	\$85,000	\$130,000	\$132,000
Mobile Data Terminals - Police	\$21,000	\$22,000	\$15,000	\$22,500	\$23,000
Police Initial Issue Equipment	\$19,500				
Furniture - Communications Center		\$55,000			
S2 Data Platform Partitioning		\$6,200			
Staff Vehicle (#0333)				\$25,000	
In Car Video Equipment				\$70,000	
SERVICE & ENGINEERING					
Small Equipment Replacement	\$15,000	\$12,000	\$10,000	\$10,000	\$10,000
Sign Shop Large Format Laser Printer	\$23,000				
Service & Engineering Management & Operation System	\$50,000				
1/2 Ton Pickup Truck (#0430)	\$31,000				
Leaf Vacuum (#0467)	\$60,000				
Bucket Truck (#0436)	\$115,000				
2 1/2 Ton Dump Truck w/ Plow & Spreader (#0437)	\$166,000				
Pickup Truck (#0412)	\$26,000				
Forklift (#0492)	\$25,000				
Arrow Board (#0496)	\$20,000				
Street Sweeper (#0460) (lease)	\$46,000	\$46,000	\$46,000	\$46,000	\$46,000
3/4 Ton Pickup Truck (#0419)		\$40,000			
Leaf Vacuum (#0466)		\$70,000			
Wide Area Mower & Trailer		\$70,000			
2 1/2 Ton Dump Truck w/ Plow & Spreader (#0446)		\$170,000			
Loader (#0457) (lease)		\$40,000	\$40,000	\$40,000	\$40,000
Leaf Vacuum (#0465)		\$70,000			
Cargo Van (#0420)		\$30,000			
Zero Turn Mower (#4179)		\$12,000			
Backhoe (#0458)		\$90,000			
4x4 Utility Vehicle (#0480)				\$12,000	
Leaf Vacuum (#0469)				\$70,000	
1 Ton Dump w/ plow & spreader (#0433)				\$85,000	
Wood Chipper (#0464)				\$40,000	
Air Compressor (#0478)				\$25,000	
Leaf Vacuum (#0468)					\$45,000
1/2 Ton Pickup Truck (#4034)					\$31,000
1/2 Ton Pickup Truck (#4035)					\$31,000
1/2 Ton Pickup Truck (#4042)					\$31,000
TOTAL EQUIPMENT	\$1,452,000	\$1,724,200	\$1,197,200	\$1,012,500	\$1,143,000
TOTAL PROJECTS	\$2,228,150	\$1,949,500	\$2,241,500	\$2,223,500	\$1,782,500
TOTAL EQUIPMENT	\$1,452,000	\$1,724,200	\$1,197,200	\$1,012,500	\$1,143,000
Debt Payments	\$951,373	\$1,304,232	\$1,386,144	\$1,424,494	\$1,572,145
CIP Administration	\$460,000	\$469,200	\$480,930	\$492,953	\$505,277
TOTAL CIP EXPENDITURES	\$5,091,523	\$5,447,132	\$5,305,774	\$5,153,447	\$5,002,922
REVENUE MINUS EXPENDITURES	\$5,919	-\$25,941	\$16,322	\$297,701	\$580,504
BALANCE	\$3,905,919	\$3,879,978	\$3,896,300	\$4,194,000	\$4,774,504

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