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The Capital Improvements Program (CIP) is a six-year planning document for future capital projects throughout the city. The CIP does not authorize spending, but rather is a resolution passed by City Council.

The Capital Improvements Budget (CIB) serves as the basis for all budgeting and spending related to capital projects throughout the city for the ensuing year. The CIB is a one-year budget authorized via an ordinance passed by City Council. The CIB is also included as the first year within the six-year CIP. Both the CIB and the CIP provide a breakdown of the various capital projects by department and by source of funding.

To be eligible for capital improvements funding (i.e. from the issuance of debt), a capital project must result in the acquisition of an asset with a useful life of at least five years or longer and be considered non-operational in nature. The asset should have a cost of \$5,000 or more. In addition to acquisition, capital funding can be used for projects that will improve an existing asset or that will extend the useful life of an asset.

Some examples of capital improvement projects include the purchase of major equipment, street lighting improvements, street and highway improvements, land acquisition, recreational trail improvements, building construction, facility rehabilitation, and improvements to the public utilities systems throughout the city.

## **The Capital Planning Process**

In accordance with City Code Section 333.05, each city department shall submit to the Director of Finance and Management all proposed capital projects to be given consideration for the CIB and the six-year CIP no later than September 15<sup>th</sup> each year. All projects submitted must meet the eligibility requirements for capital funding.

Based on assumptions at the time of submission, the proposed CIB and proposed CIP are submitted to City Council no later than December 15<sup>th</sup> of each year. After the close of the fiscal year, the capital funding assumptions are updated and finalized. These updated figures serve as the total funding available for the CIB and the CIP.

The Department of Finance and Management, in consultation with the Mayor's office and the other administrative departments of the city, will analyze and recommend an updated CIB and CIP for consideration before City Council after the fiscal year has officially closed.

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## Types of Capital Funding

The CIP is funded mainly by the issuance of debt in the form of general obligation bonds. The city utilizes both voted debt and unvoted debt, also called councilmanic debt, when issuing general obligation bonds. Voted debt is authorized by a popular vote of the electorate and is not subject to the same debt limitations as unvoted debt. Voter approval provides the city with the ability to levy an *ad valorem* property tax to service the debt. This property tax is based upon the assessed value of a property. While the city solicits voter approval from time to time, the city has never exercised its taxing authority for this purpose and does not intend to do so; however, its ability to do so gives potential investors assurance their investments in the city are secure. Because of this security, voted debt typically carries a lower interest expense than unvoted debt. This results in additional savings for the city.

The city typically requests voter approval for the issuance of voted debt through bond packages every three to five years. A bond package normally consists of several issues placed on the ballot for a popular vote. Seeking voter approval every few years allows the city to solicit voter input and participation in the capital project prioritization process.

The most recent bond package was on the May 7, 2019 ballot. The voters approved five separate bond issues totaling \$1.030 billion. These issues were intended to accommodate planned capital improvements for non-enterprise and enterprise agencies. The package provided voted authority for the purposes of Health, Safety and Infrastructure, Recreation and Parks, Public Service, Neighborhood Development, and Public Utilities. The city has utilized \$374.0 million of the 2019 voted authority and \$748.0 million of the 2016 voted authority. The table below shows the remaining voted authority, by purpose, as of October 31, 2022. Voted authority is updated after each new bond issuance.

<b>Voted Bond Packages</b>				
<b>(000's omitted)</b>				
<b>Purpose</b>	<b>2016</b>		<b>2019</b>	
	<b>Amount</b>	<b>Amount</b>	<b>Amount</b>	<b>Amount</b>
	<b>Authorized</b>	<b>Remaining</b>	<b>Authorized</b>	<b>Remaining</b>
Safety and Health	\$ 70,000	\$ -	\$ -	\$ -
Health, Safety, and Infrastructure	-	-	205,000	121,725
Recreation and Parks	110,000	-	100,000	57,765
Public Service	310,000	-	425,000	207,055
Public Utilities	460,000	201,990	250,000	250,000
Neighborhood Development	-	-	50,000	19,500
<b>Total</b>	<b>\$ 950,000</b>	<b>\$ 201,990</b>	<b>\$ 1,030,000</b>	<b>\$ 656,045</b>

In addition to utilizing voted debt in order to ensure lower interest rates, the city also seeks a credit rating on each bond issue. The national rating agencies (S&P Global Ratings, Moody's Investors Service, and Fitch Ratings) rate the security of Columbus for investors. These three agencies currently give the City of Columbus their highest and most sought after long-term credit rating – AAA, Aaa, and AAA, respectively. These ratings allow the city to realize interest savings when issuing debt because investors can be confident of timely repayment.

Unvoted debt is a debt issuance that has been authorized by City Council, but not by a vote of the electorate. Unvoted debt is subject to additional limits set forth in the Ohio Revised Code and typically carries a higher interest rate than voted debt.

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The city may also utilize other types of funding for the CIP. These include, but are not limited to, the following:

- **State Infrastructure Bank (SIB) Loans** – Authorized by Ohio Revised Code, Chapter 5531, the SIB issues direct loans for the purpose of developing transportation facilities and infrastructure throughout Ohio. SIB loans are low interest rate loans granted to various municipal agencies. The funds originate from Federal sources and are subject to all Federal regulations. Projects which utilize SIB loans must go through a selection and approval process within the Ohio Department of Transportation before funds would be available.
- **Ohio Public Works Commission (OPWC) Loans and Grants** – Created in 1987, OPWC provides capital funding to municipalities through the State Capital Improvement Program (SCIP) and the Local Transportation Improvement Program (LTIP). Applications for funding are submitted to OPWC and go through a selection and approval process. If approved, loans can be made through these programs that have low interest rates and can be used to partially or fully fund a project. Grants are also available to partially fund capital projects that meet the criteria established by OPWC.
- **Ohio Environmental Protection Agency (OEPA) Loans** – The OEPA provides loans through the Ohio Water Development Authority (OWDA). Created by the State Legislature in 1968, OWDA administers and directs funds from the OEPA to local governments through loan and grant programs. The city may utilize available funding through the Water Pollution Control Loan Fund (WPCLF) and the Water Supply Revolving Loan Account (WSRLA). These fixed, below market-rate loans can be used for wastewater infrastructure projects such as improvements to collection and treatment systems, and for construction related to public water systems. Projects must be submitted to OEPA and approved through an evaluation process.

## **Funding the Capital Improvement Program**

The city deposits 25 percent of the City of Columbus' 2.5 percent income tax to the special income tax (SIT) fund to service debt, primarily for non-enterprise agencies. In 2022, SIT income tax deposits are currently projected at approximately \$266.17 million, an estimated 3.0 percent increase over 2021 deposits. This amount will be revised when the final 2022 income tax proceeds are collected and deposited into the SIT fund. Non-enterprise agencies primarily represent operations funded by the general fund or the street construction, maintenance, and repair fund that do not have separate revenue sources. Non-enterprise projects include construction and improvements of expressways, parks, fire stations and equipment, police facilities, streets, and traffic control. In addition, the SIT fund services debt on the Capitol South redevelopment projects.

Income tax growth is the most important determinant of the city's capacity to issue additional debt. The SIT analysis shows the projected debt service requirements from the SIT fund for 2022 to 2031.

Capital projects for enterprise agencies are funded primarily through user fees. The determination of the ability to fund enterprise projects is done at the department level. These debt service projections are included in the individual department pro formas.

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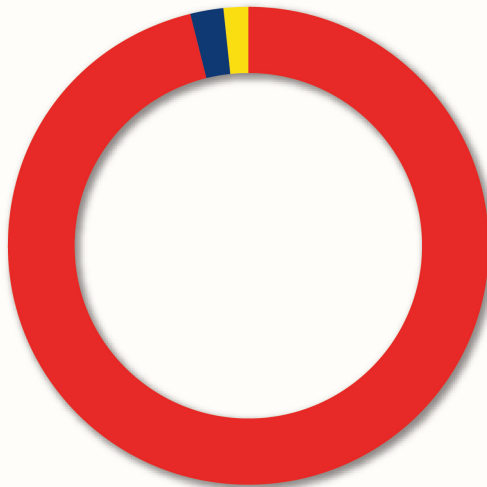
### Coverage Factor

The SIT fund's available capacity for new debt, and its ability to service existing debt, is expressed as its coverage factor. Coverage, depicted within the SIT analysis, is a ratio of revenues to expenditures and provides a minimum level at which a fund balance should be maintained for contingency purposes. Coverage levels are goals, not absolute minimum levels of acceptance. "Current year coverage" shows the degree to which current revenues will meet current expenditures. "Total coverage" is similar, but also includes the prior year-end fund balance as revenue. At present, the targeted level is to maintain a 50 percent surplus capacity (a 1.5 total coverage factor). This surplus level means that for every dollar projected to be expended from the SIT, there must be an additional dollar-and-a-half of projected revenue deposited into the SIT.



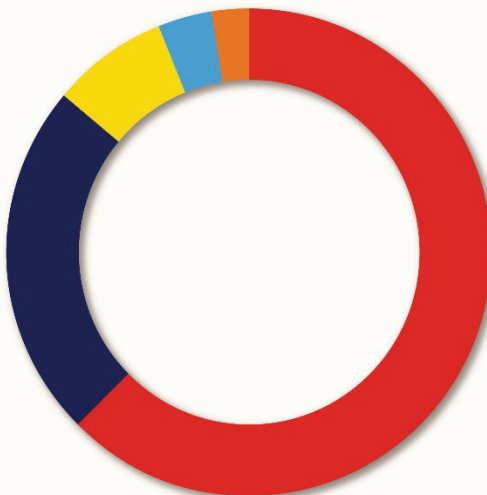
## SPECIAL INCOME TAX ANALYSIS PROPOSED 2023 BUDGET

### Revenue



Income Tax .....	96.22%
TIF Reimbursements .....	2.13%
Miscellaneous Revenue .....	1.65%

### Expenditures



Existing Voted Debt .....	62.51%
Existing Unvoted Debt .....	23.80%
Proposed New Debt .....	7.80%
Other Expenses .....	3.43%
RiverSouth Debt .....	2.46%

## **Debt Limitations and Obligations**

### Direct Debt Limitations

Section 133.05, Ohio Revised Code, provides that the net unvoted general obligation debt of the city, excluding certain “exempt debt,” (as further discussed below) shall never exceed five and one-half percent (5.5%) of the total value of all property in the city as listed and assessed for taxation. Section 133.05 further provides that the net general obligation debt of the city, including all voted and unvoted general obligation debt, but excluding exempt debt, shall never exceed ten and one-half percent (10.5%) of such total assessed valuation. The two limitations, referred to as the “direct debt limitations” may be amended from time to time by the General Assembly.

Ohio law provides that certain forms of municipal debt are exempt from the direct debt limitations (“exempt debt”). Exempt debt includes, among others, general obligation debt, to the extent that such debt is “self-supporting” (that is, revenues from the facilities financed are sufficient to pay applicable operating and maintenance expenses and related debt service and other requirements); bonds issued in anticipation of the collection of special assessments; revenue bonds; unvoted debt to the extent that the authorizing legislation includes covenants to appropriate annually from lawfully available municipal income taxes in amounts necessary to pay debt service charges on the obligations; notes issued in anticipation of the collection of current revenues or in anticipation of the proceeds of a specific tax levy; notes issued for certain emergency purposes; and bonds issued to pay final judgments. Notes issued in anticipation of such bonds are also exempt from the direct debt limitations. As of June 30, 2022, the direct debt limitation of 10.5 percent and 5.5 percent for the city are \$2.150 billion and \$1.126 billion, respectively.

### Indirect Debt Limitations; The Ten Mill Tax Limitation

Ohio law requires that general obligation bonded indebtedness cannot be incurred or renewed unless provision is made in the legislation authorizing such debt for the levy of an ad valorem property tax in an amount sufficient to pay the principal of and interest on such indebtedness when due. Ohio law also provides that the aggregate amount of such taxes that can be levied for all purposes without a vote of the electors cannot exceed ten mills per one dollar of assessed valuation.

With respect to unvoted general obligation debt, these two requirements — the requirement that provision be made for the levy of taxes to support such debt and the requirement that the total amount of unvoted property taxes which can be levied cannot exceed ten mills per one dollar of valuation — have been construed by the Ohio Supreme Court to create an indirect debt limitation on the issuance by a political subdivision of unvoted general obligation debt.

The ten mills, which may be levied without a vote of the electors, are allocated among the overlapping political subdivisions of the State pursuant to a statutory formula. This “inside” millage allocated to each political subdivision is required to be used first for the payment of debt service on unvoted general obligation debt of the subdivision, unless provision has been made for payment of the debt from other sources; second for partial police and fire pension requirements; and, the balance for other general fund purposes. To the extent this millage is required for debt service, the amount that would otherwise be available for general fund purposes is reduced.

A subdivision’s allocation of inside millage can be increased by action of the Franklin County Budget Commission pursuant to

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## Capital Improvements Program

statute only in the event additional millage is required for the payment of debt service on its unvoted general obligation debt and, in that case, the inside millage allocated to the other overlapping subdivisions would be reduced to bring the aggregate levies of inside millage within the ten mill limitation.

The ten mill limitation applies even if the debt service on unvoted general obligation debt is expected to be paid from special assessments, utility earnings or other non-tax revenue sources. However, revenue bonds and notes and other special obligations of an issuer, payable solely from specifically pledged revenues, are not included in calculating debt subject to the ten mill limitation because the debt is not general obligation indebtedness of the issuer and the full faith and credit of the issuer is not pledged for their payment.

In determining whether or not unvoted general obligation debt to be issued by the city is within the ten mill limitation, it is first necessary to determine how much millage has already been committed for the outstanding unvoted general obligation debt of the city and how much millage has been committed by each overlapping political subdivision for its outstanding unvoted general obligation debt. The amount of such committed millage for each political subdivision is that which will be required for all of such subdivision's outstanding unvoted general obligation debt for that fiscal year in which the debt service charges of that subdivision for such debt will be the highest.

In the case of notes issued in anticipation of bonds, the debt service requirements estimated for the bonds anticipated by the notes are used to calculate the millage required.

The city overlaps several political subdivisions and it is therefore necessary to determine, with respect to each such subdivision, how much millage that subdivision has committed for its outstanding unvoted general obligation debt. The aggregate millage that has been committed by that combination of overlapping subdivisions that yields the highest total of committed millage thus determines the millage within the ten mill limitation which is available and can be committed to service additional unvoted general obligation debt.

The following table represents the inside millage requirements for the city and its overlapping subdivisions as of November 15, 2022 for Franklin, Fairfield, and Delaware Counties. Other political subdivisions within Franklin, Fairfield or Delaware County may issue unvoted general obligation debt which would cause the requirements below to change. However, any such issues, including those of the city, will not exceed the indirect debt limit under Ohio law. The below table is updated with each new debt issuance for the city. As of the date of this publication, no new debt has been issued by the city.

Political Subdivision of State of Ohio	Mills Required		
	Franklin	Fairfield	Delaware
<b>Maximum Millage Permitted</b>	<b>10.0000</b>	<b>10.0000</b>	<b>10.0000</b>
<b>Direct</b>			
City of Columbus	4.1353	4.1353	4.1354
<b>Overlapping</b>			
County	0.6192	0.9821	0.3423
School District	0.2959	0.0916	0.1780
Joint Vocational School District	-	-	-
Solid Waste Authority of Central Ohio	0.2073	0.2073	0.2073
Township	3.5691	-	-
<b>Millage Required</b>	<b>8.8268</b>	<b>5.4163</b>	<b>4.8630</b>
<b>Total Remaining Millage Capacity</b>	<b>1.1732</b>	<b>4.5837</b>	<b>5.1370</b>



## Debt Service Payments

During fiscal year 2022, the city will have retired approximately \$288.6 million in principal of general obligation bond debt. Beginning with fiscal year 2023, approximately 81.29 percent of the principal payments on the city's outstanding general obligation and revenue bonds will fully mature within the next ten years. The table below demonstrates the debt service schedule for existing general obligation bonds and revenue bonds and is exclusive of OWDA outstanding balances.

EXISTING DEBT SERVICE GENERAL OBLIGATION AND REVENUE BONDS			
Period Ending	Principal	Interest	Total
2023	\$ 304,168,271	\$ 136,843,816	\$ 441,012,087
2024	302,293,271	123,139,710	425,432,981
2025	308,378,271	111,344,173	419,722,444
2026	281,728,271	98,242,008	379,970,279
2027	263,403,271	84,930,513	348,333,784
2028	234,033,270	74,107,744	308,141,014
2029	275,915,000	63,671,744	339,586,744
2030	261,750,000	51,989,814	313,739,814
2031	251,355,000	41,190,497	292,545,497
2032	228,250,000	31,883,009	260,133,009
2033	139,045,000	24,903,224	163,948,224
2034	116,940,000	19,415,252	136,355,252
2035	99,670,000	14,694,457	114,364,457
2036	81,745,000	10,729,571	92,474,571
2037	66,745,000	7,374,988	74,119,988
2038	46,120,000	4,673,842	50,793,842
2039	33,660,000	2,777,958	36,437,958
2040	24,170,000	1,367,237	25,537,237
2041	11,660,000	488,985	12,148,985
2042	4,155,000	100,453	4,255,453
<b>Total</b>	<b>\$ 3,335,184,625</b>	<b>\$ 903,868,995</b>	<b>\$ 4,239,053,620</b>
Note: Interest payments associated with variable rate debt are not included.			

## Capital Improvements Program

Of the existing outstanding debt service, the funding breakdown over the next five years is listed below. These amounts include both principal and interest payments.

DEBT SERVICE BY FUND GENERAL OBLIGATION AND REVENUE BONDS						
Fund Type	2023	2024	2025	2026	2027	Total
<b>Non-Enterprise Fund</b>						
SIT Fund Supported	\$ 244,898,634	\$ 230,819,672	\$ 217,719,593	\$ 198,965,703	\$ 183,711,749	\$ 1,076,115,351
<b>Non-Enterprise Sub Total</b>	244,898,634	230,819,672	217,719,593	198,965,703	183,711,749	1,076,115,351
<b>Enterprise Funds</b>						
Water	77,645,997	73,793,309	71,767,373	69,571,176	66,825,448	359,603,303
Sanitary Sewer	90,621,245	94,278,878	105,882,468	90,666,769	82,474,628	463,923,988
Storm	13,115,979	12,639,073	12,288,161	10,389,377	7,991,604	56,424,194
Electricity	2,554,912	2,472,705	2,396,248	2,058,417	1,991,834	11,474,116
Mobility	1,796,371	1,768,894	1,739,244	1,707,644	1,674,655	8,686,808
<b>Enterprise Sub Total</b>	185,734,504	184,952,859	194,073,494	174,393,383	160,958,169	900,112,409
<b>Internal Service Funds</b>						
Fleet Management	4,200,547	4,051,541	3,179,236	2,544,737	563,168	14,539,229
Information Services	6,178,402	5,608,909	4,750,121	4,066,456	3,100,698	23,704,586
<b>Internal Service Sub Total</b>	10,378,949	9,660,450	7,929,357	6,611,193	3,663,866	38,243,815
<b>Total</b>	<b>\$ 441,012,087</b>	<b>\$ 425,432,981</b>	<b>\$ 419,722,444</b>	<b>\$ 379,970,279</b>	<b>\$ 348,333,784</b>	<b>\$ 2,014,471,575</b>
Note: Interest payments associated with variable rate debt are not included.						

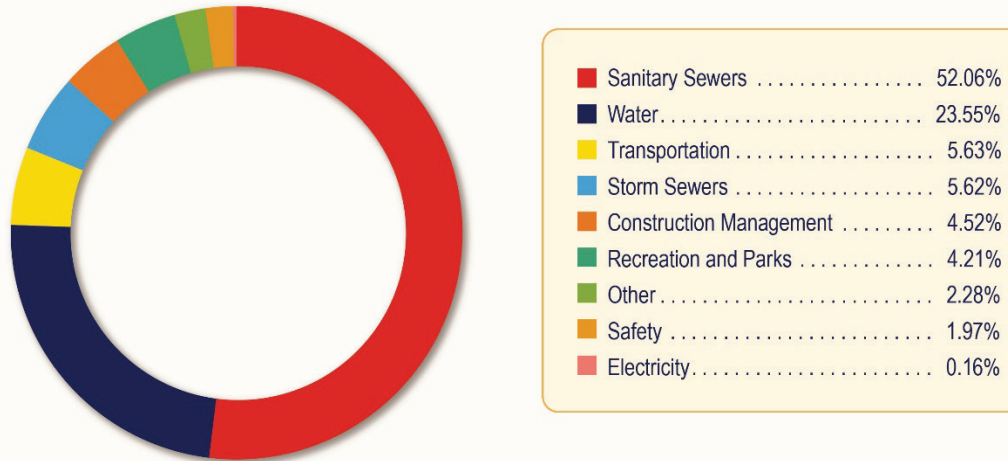
## The Proposed 2023-2028 Capital Improvements Program

The proposed Capital Improvements Program provides approximately \$4.91 billion in funding for various capital improvements for the period of 2023-2028. Of this amount, \$828.4 million is to be supported by the SIT while \$4.08 billion will be supported by the internal service and enterprise agencies of the city. The proposed 2023-2028 CIP represents an 18.6 percent increase from the adopted 2022-2027 CIP. The proposed 2023 CIB totals approximately \$954 million.

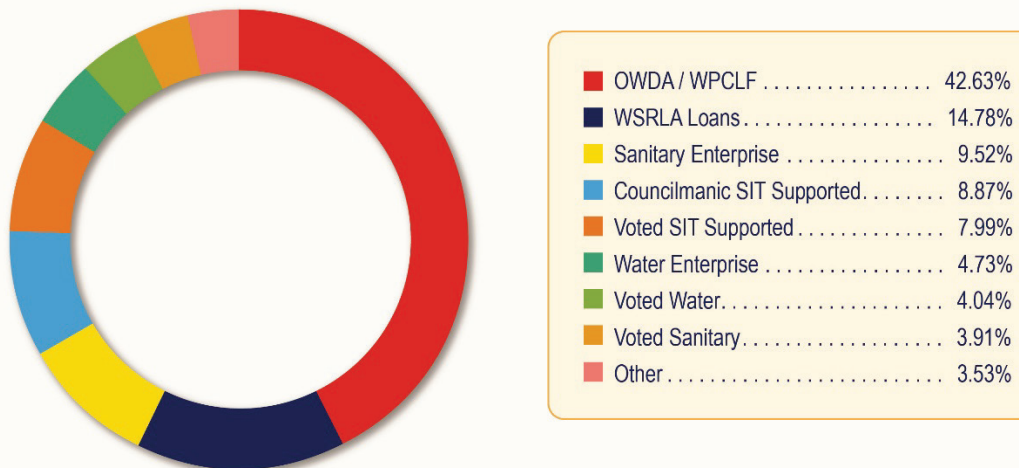
The administration intends to continue to review the proposed CIP through the end of the year. It is possible that adjustments to the proposed plan could occur to accommodate changes in priorities and financial assumptions.

## PROPOSED 2023-2028 CAPITAL IMPROVEMENTS PROGRAM

### Percent by Division



### Percent by Funding Source



## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM									
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source	
<b><u>PUBLIC SAFETY</u></b>									
<b>POLICE</b>									
30-03 Police Facility Renovation	\$ -	\$ -	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 6,720,000	Councilmanic SIT Supported	
30-03 Police Facility Renovation	1,680,000	1,680,000	-	-	-	-	3,360,000	Voted 2019 SIT Supported	
Public Safety Technology	20,000,000	-	-	-	-	-	20,000,000	Voted 2019 SIT Supported	
Police Substation - Hilltop Area (Sullivant Ave.)	8,000,000	-	-	-	-	-	8,000,000	Voted 2019 SIT Supported	
Subtotal - POLICE	\$ 29,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 38,080,000		
<b>FIRE</b>									
30-04 Fire Facility Renovation	\$ -	\$ -	\$ 1,320,000	\$ 1,320,000	\$ 1,320,000	\$ 1,320,000	\$ 5,280,000	Councilmanic SIT Supported	
30-04 Fire Facility Renovation	1,320,000	1,320,000	-	-	-	-	2,640,000	Voted 2019 SIT Supported	
Fire Station #36	15,000,000	-	-	-	-	-	15,000,000	Voted 2019 SIT Supported	
Fire Apparatus Replacement - Medics	-	-	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000	Councilmanic SIT Supported	
Fire Apparatus Replacement - Medics	2,000,000	2,000,000	-	-	-	-	4,000,000	Voted 2019 SIT Supported	
Fire Apparatus Replacement - Platform Ladders	-	-	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000	Councilmanic SIT Supported	
Fire Apparatus Replacement - Platform Ladders	2,000,000	2,000,000	-	-	-	-	4,000,000	Voted 2019 SIT Supported	
Fire Apparatus Replacement - Engines	-	-	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000	Councilmanic SIT Supported	
Fire Apparatus Replacement - Engines	2,000,000	2,000,000	-	-	-	-	4,000,000	Voted 2019 SIT Supported	
Subtotal - FIRE	\$ 22,320,000	\$ 7,320,000	\$ 7,320,000	\$ 7,320,000	\$ 7,320,000	\$ 7,320,000	\$ 58,920,000		
<b><u>DEVELOPMENT</u></b>									
<b>DEVELOPMENT ADMINISTRATION</b>									
Economic & Community Development	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000	Councilmanic SIT Supported	
44-10 Housing Preservation	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	Councilmanic SIT Supported	
44-10 Emergency Shelter Repair	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000	Councilmanic SIT Supported	
Subtotal - DEVELOPMENT ADMINISTRATION	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 15,600,000		
<b>HOUSING</b>									
Affordable Housing Funds	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,000,000	Voted 2019 SIT Supported	
Critical Home Repair	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000	Councilmanic SIT Supported	
Subtotal - HOUSING	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 1,800,000	\$ 10,800,000		
<b><u>FINANCE AND MANAGEMENT</u></b>									
<b>CONSTRUCTION MANAGEMENT</b>									
Facility Renovations - Project cost Allocation	\$ 675,000	\$ 675,000	\$ 675,000	\$ 675,000	\$ 675,000	\$ 675,000	\$ 4,050,000	Councilmanic SIT Supported	
Facility Renovations - Various	3,515,000	3,515,000	3,515,000	3,515,000	3,515,000	3,515,000	21,090,000	Councilmanic SIT Supported	
Construction Management - Design Services	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	Councilmanic SIT Supported	
Construction Management - Project Management	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	Councilmanic SIT Supported	
Construction Management - General Contracting & Small Scale Renovation	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	Councilmanic SIT Supported	
Municipal Campus Renovations	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	18,000,000	Councilmanic SIT Supported	
Municipal Court- Construction	-	109,275,000	-	-	-	-	109,275,000	Councilmanic SIT Supported	
Municipal Court- Construction	-	60,725,000	-	-	-	-	60,725,000	Voted 2019 SIT Supported	
Subtotal - CONSTRUCTION MANAGEMENT	\$ 8,690,000	\$ 178,690,000	\$ 8,690,000	\$ 8,690,000	\$ 8,690,000	\$ 8,690,000	\$ 222,140,000		
<b>FLEET MANAGEMENT</b>									
Fleet Automated Fuel Location Upgrades	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000	Fleet Management (Unvoted)	
Fleet Equipment Replacement	100,000	100,000	100,000	100,000	100,000	100,000	600,000	Fleet Management (Unvoted)	
Fuel Tank Management	800,000	600,000	600,000	600,000	600,000	600,000	3,800,000	Fleet Management (Unvoted)	
Subtotal - FLEET MANAGEMENT	\$ 1,000,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 5,000,000		

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM									
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source	
TECHNOLOGY									
TECHNOLOGY ADMINISTRATION									
47-02 Data Center Facility Upgrades	\$ 200,000	\$ 250,000	\$ 1,500,000	\$ 5,000,000	\$ 1,500,000	\$ 1,690,000	\$ 10,140,000	Information Services	
47-02 Connectivity Project Fiber/Wireless	1,000,000	1,000,000	1,500,000	1,500,000	2,000,000	1,400,000	8,400,000	Information Services	
47-02 CTSS Fiber Purchase B,C,D	-	1,300,000	-	1,500,000	-	1,400,000	4,200,000	Information Services	
47-02 Enterprise System Upgrades	650,000	1,300,000	2,000,000	650,000	1,600,000	1,240,000	7,440,000	Information Services	
E-Gov Initiatives	250,000	-	-	-	-	-	250,000	Information Services	
Media Services Equipment and Infrastructure	25,000	50,000	60,000	100,000	600,000	167,000	1,002,000	Information Services	
Network Improvements	600,000	1,700,000	1,000,000	1,000,000	1,600,000	1,180,000	7,080,000	Information Services	
Data Management Services	-	500,000	180,000	250,000	200,000	283,000	1,413,000	Information Services	
Telephony and I/R Infrastructure	830,000	1,200,000	500,000	-	-	-	2,530,000	Information Services	
Security Program	300,000	-	-	-	-	-	300,000	Information Services	
GIS	90,000	250,000	90,000	90,000	90,000	90,000	700,000	Information Services	
Applications	500,000	-	-	-	-	-	500,000	Information Services	
Subtotal - TECHNOLOGY/DOT ADMINISTRATION	\$ 4,445,000	\$ 7,550,000	\$ 6,830,000	\$ 10,090,000	\$ 7,590,000	\$ 7,450,000	\$ 43,955,000		
RECREATION AND PARKS									
RECREATION AND PARKS									
51 Urban Infra.- Rec & Parks	\$ -	\$ 753,200	\$ 753,200	\$ 753,200	\$ 753,200	\$ 753,200	\$ 3,766,000	Councilmanic SIT Supported	
51 Urban Infra.- Rec & Parks	753,200	-	-	-	-	-	753,200	Voted 2019 SIT Supported	
51-01 Facility Renovations	-	10,000,000	10,000,000	10,000,000	10,000,000	-	40,000,000	Councilmanic (To Be Determined)	
51-01 Facility Renovations	30,000,000	-	-	-	-	-	30,000,000	Voted 2019 SIT Supported	
Renovation - Misc.	-	1,636,800	1,636,800	1,636,800	1,636,800	1,636,800	8,184,000	Councilmanic SIT Supported	
Renovation - Misc.	1,636,800	-	-	-	-	-	1,636,800	Voted 2019 SIT Supported	
Renovation - Cost Allocation	-	500,000	500,000	500,000	500,000	500,000	2,500,000	Councilmanic SIT Supported	
Renovation - Cost Allocation	500,000	-	-	-	-	-	500,000	Voted 2019 SIT Supported	
Facility Assessment Implementation	-	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000	Councilmanic SIT Supported	
Facility Assessment Implementation	4,000,000	-	-	-	-	-	4,000,000	Voted 2019 SIT Supported	
Hard Surface Improvements	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	Councilmanic SIT Supported	
Hard Surface Improvements	1,000,000	-	-	-	-	-	1,000,000	Voted 2019 SIT Supported	
Roof Improvements	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	Councilmanic SIT Supported	
Roof Improvements	1,000,000	-	-	-	-	-	1,000,000	Voted 2019 SIT Supported	
Maintenance Equipment - Parks	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	Councilmanic SIT Supported	
Maintenance Equipment - Parks	1,000,000	-	-	-	-	-	1,000,000	Voted 2019 SIT Supported	
Street Trees - Green Initiative	-	850,000	850,000	850,000	850,000	850,000	4,250,000	Councilmanic SIT Supported	
Street Trees - Green Initiative	850,000	-	-	-	-	-	850,000	Voted 2019 SIT Supported	
Safe Playgrounds	-	650,000	650,000	650,000	650,000	650,000	3,250,000	Councilmanic SIT Supported	
Safe Playgrounds	650,000	-	-	-	-	-	650,000	Voted 2019 SIT Supported	
New Development - Misc.	-	242,200	5,227,200	5,227,200	5,227,200	5,227,200	21,151,000	Councilmanic SIT Supported	
New Development - Misc.	5,227,200	4,985,000	-	-	-	-	10,212,200	Voted 2019 SIT Supported	
New Development - Cost Allocation	-	240,000	240,000	240,000	240,000	240,000	1,200,000	Councilmanic SIT Supported	
New Development - Cost Allocation	240,000	-	-	-	-	-	240,000	Voted 2019 SIT Supported	
Acquisition - Misc.	-	1,524,600	1,524,600	1,524,600	1,524,600	1,524,600	7,623,000	Councilmanic SIT Supported	
Acquisition - Misc.	1,524,600	-	-	-	-	-	1,524,600	Voted 2019 SIT Supported	
Acquisition - Cost Allocation	-	70,000	70,000	70,000	70,000	70,000	350,000	Councilmanic SIT Supported	
Acquisition - Cost Allocation	70,000	-	-	-	-	-	70,000	Voted 2019 SIT Supported	
Program Projects (Small) - Cost Allocation	-	70,000	70,000	70,000	70,000	70,000	350,000	Councilmanic SIT Supported	
Program Projects (Small) - Cost Allocation	70,000	-	-	-	-	-	70,000	Voted 2019 SIT Supported	
Program Projects (Small) - Golf Misc.	-	762,300	762,300	762,300	762,300	762,300	3,811,500	Councilmanic SIT Supported	
Program Projects (Small) - Golf Misc.	762,300	-	-	-	-	-	762,300	Voted 2019 SIT Supported	
Program Projects (Small) - Sports Misc.	-	548,856	548,856	548,856	548,856	548,856	2,744,280	Councilmanic SIT Supported	

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Program Projects (Small) - Sports Misc.	548,856	-	-	-	-	-	548,856	Voted 2019 SIT Supported
Program Projects (Small) - Rental Services Misc.	-	213,444	213,444	213,444	213,444	213,444	1,067,220	Councilmanic SIT Supported
Program Projects (Small) - Rental Services Misc.	213,444	-	-	-	-	-	213,444	Voted 2019 SIT Supported
Program Projects (Large) - Misc.	-	1,089,000	1,089,000	1,089,000	1,089,000	1,089,000	5,445,000	Councilmanic SIT Supported
Program Projects (Large) - Misc.	1,089,000	-	-	-	-	-	1,089,000	Voted 2019 SIT Supported
Program Projects (Large) - Cost Allocation	-	50,000	50,000	50,000	50,000	50,000	250,000	Councilmanic SIT Supported
Program Projects (Large) - Cost Allocation	50,000	-	-	-	-	-	50,000	Voted 2019 SIT Supported
Emergency Replacement - Misc.	-	871,200	871,200	871,200	871,200	871,200	4,356,000	Councilmanic SIT Supported
Emergency Replacement - Misc.	871,200	-	-	-	-	-	871,200	Voted 2019 SIT Supported
Emergency Replacement - Cost Allocation	-	40,000	40,000	40,000	40,000	40,000	200,000	Councilmanic SIT Supported
Emergency Replacement - Cost Allocation	40,000	-	-	-	-	-	40,000	Voted 2019 SIT Supported
Opportunity Projects - Misc.	-	653,400	653,400	653,400	653,400	653,400	3,267,000	Councilmanic SIT Supported
Opportunity Projects - Misc.	653,400	-	-	-	-	-	653,400	Voted 2019 SIT Supported
Opportunity Projects - Cost Allocation	-	30,000	30,000	30,000	30,000	30,000	150,000	Councilmanic SIT Supported
Opportunity Projects - Cost Allocation	30,000	-	-	-	-	-	30,000	Voted 2019 SIT Supported
<b>Subtotal - RECREATION AND PARKS</b>	<b>\$ 52,780,000</b>	<b>\$ 32,780,000</b>	<b>\$ 32,780,000</b>	<b>\$ 32,780,000</b>	<b>\$ 32,780,000</b>	<b>\$ 22,780,000</b>	<b>\$ 206,680,000</b>	
<b>Public Service</b>								
<b>TRANSPORTATION</b>								
UIRF - Urban Infrastructure Recovery Fund (59-12)	\$ -	\$ -	\$ -	\$ -	\$ 5,651,813	\$ 5,651,813	\$ 11,303,626	Councilmanic SIT Supported
UIRF - Urban Infrastructure Recovery Fund (59-12)	5,651,813	5,651,813	5,651,813	5,651,813	-	-	22,607,252	Voted 2019 SIT Supported
Miscellaneous Developments- Vision Zero Action Plan Implementation	-	-	-	-	5,331,794	5,331,794	10,663,588	Councilmanic SIT Supported
Miscellaneous Developments- Vision Zero Action Plan Implementation	5,231,794	5,331,794	5,331,794	5,331,794	-	-	21,227,176	Voted 2019 SIT Supported
NCR-Public Infrastructure	-	-	-	-	2,500,000	2,500,000	5,000,000	Councilmanic SIT Supported
NCR-Public Infrastructure	2,500,000	2,500,000	2,500,000	2,500,000	-	-	10,000,000	Voted 2019 SIT Supported
Roadway Improvements - Utility Relocation Reimbursements	-	-	-	-	100,000	100,000	200,000	Councilmanic SIT Supported
Roadway Improvements - Utility Relocation Reimbursements	100,000	100,000	100,000	100,000	-	-	400,000	Voted 2019 SIT Supported
Roadway Improvements - Miscellaneous Construction Inspection	-	-	-	-	50,000	50,000	100,000	Councilmanic SIT Supported
Roadway Improvements - Miscellaneous Construction Inspection	150,000	50,000	50,000	50,000	-	-	300,000	Voted 2019 SIT Supported
Roadway Improvements - Miscellaneous Right of Way Acquisition	-	-	-	-	100,000	100,000	200,000	Councilmanic SIT Supported
Roadway Improvements - Miscellaneous Right of Way Acquisition	100,000	100,000	100,000	100,000	-	-	400,000	Voted 2019 SIT Supported
Resurfacing - Resurfacing Projects	-	-	-	-	10,445,000	20,000,000	30,445,000	Councilmanic SIT Supported
Resurfacing - Resurfacing Projects	20,000,000	20,000,000	20,000,000	20,000,000	9,555,000	-	89,555,000	Voted 2019 SIT Supported
Bridge Rehabilitation	-	-	-	-	3,371,393	3,371,393	6,742,786	Councilmanic SIT Supported
Bridge Rehabilitation	-	-	2,771,393	3,371,393	-	-	6,142,786	Voted 2019 SIT Supported
Bridge Rehabilitation - Long Street (U) CSX RR Bridge Painting	950,000	-	-	-	-	-	950,000	Voted 2019 SIT Supported
Bridge Rehabilitation - Fifth Avenue Over Stream West of Yearling Road	-	-	600,000	-	-	-	600,000	Voted 2019 SIT Supported
Bridge Rehabilitation - US-33 (U) NS RR Bridge Painting	650,000	-	-	-	-	-	650,000	Voted 2019 SIT Supported
Bridge Rehabilitation - Front St and Nationwide Blvd over RR Tunnel	300,000	2,871,393	-	-	-	-	3,171,393	Voted 2019 SIT Supported
Bridge Rehabilitation - General Engineering 2024	-	200,000	-	-	-	-	200,000	Voted 2019 SIT Supported
Bridge Rehabilitation - Annual Citywide Contract (2023)	1,471,393	-	-	-	-	-	1,471,393	Voted 2019 SIT Supported
Bridge Rehabilitation - Annual Citywide Contract 2024	-	300,000	-	-	-	-	300,000	Voted 2019 SIT Supported
Roadway - LinkUS - NW Corridor	18,000,000	-	-	-	-	-	18,000,000	Voted 2019 SIT Supported
Bikeway Development	-	-	-	-	2,000,000	2,000,000	4,000,000	Councilmanic SIT Supported
Bikeway Development	-	-	-	1,150,000	-	-	1,150,000	Voted 2019 SIT Supported
Bikeway Development-Georgesville Rd SUP - Parkwick Dr to Sullivant Ave	-	2,200,000	-	-	-	-	2,200,000	Voted 2019 SIT Supported
Bikeway Development - Tussing Road SUP Brice Rd to Hines Rd	3,110,000	-	-	-	-	-	3,110,000	Voted 2019 SIT Supported
Bikeway Development - Eakin Road SUP - S. Wayne Ave to Harrisburg Pike	-	-	2,200,000	-	-	-	2,200,000	Voted 2019 SIT Supported
Bikeway - Sancus Boulevard SUP - Worthington-Galena Road to Worthington Woods Boulevard	-	1,353,000	-	-	-	-	1,353,000	Voted 2019 SIT Supported
Pedestrian Safety Improvements - Sidewalk Program	-	-	-	-	1,797,000	3,150,000	4,947,000	Councilmanic SIT Supported

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Pedestrian Safety Improvements - Sidewalk Program	-	477,000	-	2,824,000	-	-	3,301,000	Voted 2019 SIT Supported
Pedestrian Safety Improvement - Sidewalk Replacement (Tree Root)	-	-	-	-	850,000	850,000	1,700,000	Councilmanic SIT Supported
Pedestrian Safety Improvement - Sidewalk Replacement (Tree Root)	-	850,000	308,000	850,000	-	-	2,008,000	Voted 2019 SIT Supported
Pedestrian Safety - Courtright Rd Sidewalks- Refugee Rd to Groves Rd	2,073,000	-	-	-	-	-	2,073,000	Voted 2019 SIT Supported
Pedestrian Safety -Walford St, Sharbot Dr, and Northtowne Blvd Sidewalks	817,000	-	-	-	-	-	817,000	Voted 2019 SIT Supported
Pedestrian Safety – Downtown Crosswalks – Phase 1	-	-	52,000	1,113,000	-	-	1,165,000	Voted 2019 SIT Supported
Pedestrian Safety - Barnett Rd Sidewalks- Astor Ave to Main St	-	825,000	-	-	-	-	825,000	Voted 2019 SIT Supported
Pedestrian Safety - Downtown Crosswalks Phase 2	-	-	-	-	1,353,000	-	1,353,000	Councilmanic SIT Supported
Pedestrian Safety - Downtown Crosswalks Phase 2	-	-	-	63,000	-	-	63,000	Voted 2019 SIT Supported
Pedestrian Safety – Parsons Ave Crosswalks	-	30,000	1,570,000	-	-	-	1,600,000	Voted 2019 SIT Supported
Pedestrian Safety – PSIP Phase 2	-	265,000	1,870,000	-	-	-	2,135,000	Voted 2019 SIT Supported
<b>Subtotal - TRANSPORTATION</b>	<b>\$ 61,105,000</b>	<b>\$ 43,105,000</b>	<b>\$ 43,105,000</b>	<b>\$ 43,105,000</b>	<b>\$ 43,105,000</b>	<b>\$ 43,105,000</b>	<b>\$ 276,630,000</b>	
<b>REFUSE COLLECTION</b>								
59-02 Mechanized Collection Equipment	\$ -	\$ 3,930,000	\$ 4,930,000	\$ 4,930,000	\$ 4,930,000	\$ 4,930,000	\$ 23,650,000	Councilmanic SIT Supported
59-02 Mechanized Collection Equipment	4,930,000	1,000,000	-	-	-	-	5,930,000	Voted 2019 SIT Supported
Alum Creek Remediation - Facility Improvements	-	100,000	100,000	100,000	100,000	100,000	500,000	Councilmanic SIT Supported
Alum Creek Remediation - Facility Improvements	100,000	-	-	-	-	-	100,000	Voted 2019 SIT Supported
Mechanized Collection Equipment - Containers	-	1,050,000	1,050,000	1,050,000	1,050,000	1,050,000	5,250,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Containers	1,050,000	-	-	-	-	-	1,050,000	Voted 2019 SIT Supported
<b>Subtotal - REFUSE COLLECTION</b>	<b>\$ 6,080,000</b>	<b>\$ 6,080,000</b>	<b>\$ 6,080,000</b>	<b>\$ 6,080,000</b>	<b>\$ 6,080,000</b>	<b>\$ 6,080,000</b>	<b>\$ 36,480,000</b>	
<b>Public Utilities</b>								
<b>STORM SEWER</b>								
Fountain Square Stormwater System Improvements	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	WPCLF/OWDA
Storm Sewer Large Diameter Condition Assessment Phase 1	-	-	200,000	-	-	-	200,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Large Diameter Condition Assessment Phase 1	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Storm
Storm Sewer Large Diameter Condition Assessment Phase 1	-	-	2,200,000	-	-	-	2,200,000	WPCLF/OWDA
Large Diameter Condition Assessment - Phase 2	-	-	200,000	-	-	-	200,000	Storm Sewer Enterprise (Unvoted)
Large Diameter Condition Assessment - Phase 2	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Storm
Large Diameter Condition Assessment - Phase 2	-	-	2,200,000	-	-	-	2,200,000	WPCLF/OWDA
Large Diameter Condition Assessment - Phase 3	232,320	-	300,000	-	200,000	-	732,320	Storm Sewer Enterprise (Unvoted)
Large Diameter Condition Assessment - Phase 3	1,267,680	-	-	-	-	-	1,267,680	Voted 2016 Debt - Storm
Large Diameter Condition Assessment - Phase 3	-	-	-	2,200,000	-	-	2,200,000	WPCLF/OWDA
Large Diameter Condition Assessment - Phase 4	-	1,500,000	-	300,000	-	200,000	2,000,000	Storm Sewer Enterprise (Unvoted)
Large Diameter Condition Assessment - Phase 4	-	-	-	-	-	2,200,000	2,200,000	WPCLF/OWDA
Large Diameter Condition Assessment - Phase 5	-	-	1,500,000	-	300,000	-	1,800,000	Storm Sewer Enterprise (Unvoted)
Large Diameter Condition Assessment - Phase 6	-	-	-	1,500,000	-	300,000	1,800,000	Storm Sewer Enterprise (Unvoted)
Large Diameter Condition Assessment - Phase 7	-	-	-	-	1,500,000	-	1,500,000	Storm Sewer Enterprise (Unvoted)
Large Diameter Condition Assessment - Phase 8	-	-	-	-	-	1,500,000	1,500,000	Storm Sewer Enterprise (Unvoted)
General Construction Contract (Storm)	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	9,000,000	Storm Sewer Enterprise (Unvoted)
60-15 Petzinger Rd Stormwater Imps	-	150,000	-	-	-	-	150,000	Storm Sewer Enterprise (Unvoted)
60-15 Petzinger Rd Stormwater Imps	1,200,000	-	-	-	-	-	1,200,000	WPCLF/OWDA
General Engineering Services - Storm - 2022	400,000	400,000	400,000	-	-	-	1,200,000	Storm Sewer Enterprise (Unvoted)
General Engineering Services - Storm - 2025	-	-	400,000	400,000	400,000	400,000	1,600,000	Storm Sewer Enterprise (Unvoted)
Linden Neighborhood Stormwater System Improvements Phase 2	2,612,000	-	-	-	-	-	2,612,000	WPCLF/OWDA
Joint Storm Sewer Projects with DPS	250,000	250,000	250,000	-	250,000	250,000	1,250,000	Storm Sewer Enterprise (Unvoted)
Franklinton Area Stormwater System Improvements	2,772,000	3,000,000	-	-	1,100,000	-	6,872,000	Storm Sewer Enterprise (Unvoted)
Franklinton Area Stormwater System Improvements	12,228,000	-	-	-	-	-	12,228,000	Voted 2016 Debt - Storm
Franklinton Area Stormwater System Improvements	-	31,000,000	-	-	11,000,000	-	42,000,000	WPCLF/OWDA
Franklinton Area Storm Sewer Rehabilitation	-	6,500,000	-	-	-	-	6,500,000	Storm Sewer Enterprise (Unvoted)



## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Franklinton Area Storm Sewer Rehabilitation	650,000	-	-	-	-	-	650,000	Voted 2016 Debt - Storm
SMOC Facility Stormwater Improvements	3,600,000	-	-	-	-	-	3,600,000	WPCLF/OWDA
ST-21, ST-22, ST-23 Improvements	5,348,000	-	-	-	-	-	5,348,000	Voted 2016 Debt - Storm
ST-21, ST-22, ST-23 Improvements	-	25,320,000	-	-	-	-	25,320,000	WPCLF/OWDA
ST-21, ST-22 and ST-23 Storm Sewer Improvements	-	6,000,000	-	-	-	-	6,000,000	WPCLF/OWDA
Krieger Court Stormwater Improvements	3,100,000	-	-	-	-	-	3,100,000	WPCLF/OWDA
Twin Lakes Dam Rehabilitation	720,000	-	-	-	-	-	720,000	Voted 2016 Debt - Storm
Twin Lakes Dam Rehabilitation	4,000,000	-	-	-	-	-	4,000,000	WPCLF/OWDA
Greenlaw n Dam Rehabilitation	2,500,000	-	-	-	-	-	2,500,000	WPCLF/OWDA
Barnett Road Stormwater Improvements Project	570,000	-	-	-	-	-	570,000	Voted 2016 Debt - Storm
Barnett Road Stormwater Improvements Project	3,800,000	-	-	-	-	-	3,800,000	WPCLF/OWDA
Storm Sewer Assessment - North Linden 2 Blueprint Area	-	-	-	-	1,200,000	-	1,200,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Assessment - Hilltop 2 Blueprint Area	-	-	-	1,200,000	-	-	1,200,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Assessment - James Livingston 3 Blueprint Area	-	-	-	-	-	2,000,000	2,000,000	Storm Sewer Enterprise (Unvoted)
DOSD Stormwater Pump Stations Evaluation & Upgrade	-	300,000	-	-	-	-	300,000	Storm Sewer Enterprise (Unvoted)
DOSD Stormwater Pump Stations Evaluation & Upgrade	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Storm
DOSD Stormwater Pump Station ST-29 Evaluation & Upgrade	-	468,000	-	-	-	-	468,000	Storm Sewer Enterprise (Unvoted)
DOSD Stormwater Pump Station ST-29 Evaluation & Upgrade	216,000	-	-	-	-	-	216,000	Voted 2016 Debt - Storm
DOSD Stormwater Pump Station ST-29 Evaluation & Upgrade	-	1,800,000	-	-	-	-	1,800,000	WPCLF/OWDA
DOSD Stormwater Pump Stations - Construction	-	1,000,000	350,000	-	-	-	1,350,000	Storm Sewer Enterprise (Unvoted)
DOSD Stormwater Pump Stations - Construction	-	-	3,650,000	-	-	-	3,650,000	WPCLF/OWDA
Stormwater Remote Site Communication Network Upgrades	45,000	150,000	546,727	-	-	-	741,727	Storm Sewer Enterprise (Unvoted)
Cooke Rd. Culvert Improvements Project	510,000	-	-	-	-	-	510,000	Voted 2016 Debt - Storm
Ohio State University Area Utility Easement Project	50,000	-	-	-	-	-	50,000	Voted 2016 Debt - Storm
Second Avenue Sewer Improvements	50,000	-	-	-	-	-	50,000	Voted 2016 Debt - Storm
Second Avenue Sewer Improvements	-	6,800,000	-	-	-	-	6,800,000	WPCLF/OWDA
Mound Street Floodwall and WCLFP Repairs	-	50,000	-	-	-	-	50,000	Storm Sewer Enterprise (Unvoted)
Mound Street Floodwall and WCLFP Repairs	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Storm
Mound Street Floodwall and WCLFP Repairs	-	3,000,000	-	-	-	-	3,000,000	WPCLF/OWDA
Floodwall Closure Evaluations	-	1,080,000	-	-	-	-	1,080,000	Storm Sewer Enterprise (Unvoted)
Floodwall Closure Evaluations	-	2,800,000	-	-	-	-	2,800,000	WPCLF/OWDA
Floodwall Closure Evaluations Phase 2 - McKinley & Rich	-	-	-	2,200,000	-	-	2,200,000	WPCLF/OWDA
Floodwall Closure Evaluations Phase 3 - Greenlaw n	-	-	-	-	-	5,200,000	5,200,000	WPCLF/OWDA
Thurston Grimsby Storm Sewer Improvements Project	-	-	127,875	-	-	-	127,875	Storm Sewer Enterprise (Unvoted)
Thurston Grimsby Storm Sewer Improvements Project	127,875	-	-	-	-	-	127,875	Voted 2016 Debt - Storm
Thurston Grimsby Storm Sewer Improvements Project	-	-	-	852,500	-	-	852,500	WPCLF/OWDA
Astor Bernhard Storm Sewer Improvements	-	244,125	-	-	-	-	244,125	Storm Sewer Enterprise (Unvoted)
Astor Bernhard Storm Sewer Improvements	244,125	-	-	-	-	-	244,125	Voted 2016 Debt - Storm
Astor Bernhard Storm Sewer Improvements	-	-	6,900,000	-	-	-	6,900,000	WPCLF/OWDA
Gertrude Lattimer Storm Sewer Improvements	616,125	-	760,000	-	-	-	1,376,125	Storm Sewer Enterprise (Unvoted)
Gertrude Lattimer Storm Sewer Improvements	-	-	-	7,600,000	-	-	7,600,000	WPCLF/OWDA
Plum Ridge Storm Improvements	174,375	-	174,375	-	-	-	348,750	Storm Sewer Enterprise (Unvoted)
Plum Ridge Storm Improvements	-	-	-	3,280,000	-	-	3,280,000	WPCLF/OWDA
Major Stormwater Drainage Improvements	-	1,500,000	1,500,000	1,500,000	1,400,000	1,500,000	7,400,000	Storm Sewer Enterprise (Unvoted)
Major Stormwater Drainage Improvements	752,320	-	-	-	-	-	752,320	Voted 2016 Debt - Storm
Major Stormwater Drainage Improvements	100,000	7,850,000	7,850,000	7,850,000	7,850,000	7,850,000	39,350,000	WPCLF/OWDA
Storm Sewer Lining Projects	-	150,000	150,000	150,000	150,000	150,000	750,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Lining Projects	150,000	-	-	-	-	-	150,000	Voted 2016 Debt - Storm
Storm Sewer Lining Projects	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	WPCLF/OWDA
Livingston Noe-Bixby Culvert	286,000	-	-	-	-	-	286,000	Voted 2016 Debt - Storm
Postlewise Road Stormwater System Improvements	100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Storm
<b>Subtotal - STORM SEWER</b>	<b>\$ 56,571,820</b>	<b>\$ 103,812,125</b>	<b>\$ 32,158,977</b>	<b>\$ 31,532,500</b>	<b>\$ 27,850,000</b>	<b>\$ 24,050,000</b>	<b>\$ 275,975,422</b>	

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM													
DEPARTMENT PROJECT		2023	2024	2025	2026	2027	2028	Total Budget	Funding Source				
SANITARY SEWERS													
Blueprint Columbus Public Information Outreach 2022	\$	350,000	\$ -	\$ -	\$ -	\$ -	\$ -	350,000	Voted 2016 Debt - Sanitary Sewer				
Real Time Control Sewer System Optimization, Part 2		-	500,000	500,000	-	-	-	1,000,000	Sanitary Sewer Enterprise (Unvoted)				
Real Time Control Sewer System Optimization, Part 2		500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Sanitary Sewer				
Real Time Control Sewer System Optimization, Part 3		-	-	-	500,000	500,000	500,000	1,500,000	Sanitary Sewer Enterprise (Unvoted)				
Alum Creek Area Subtrunk Sewer Upsizing and Rehabilitation		250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Sanitary Sewer				
Alum Creek Area Subtrunk Sewer Upsizing and Rehabilitation		1,500,000	-	-	-	-	-	1,500,000	WPCLF/OWDA				
Overall Engineering Consultants (OEC) 2022-2024		-	8,098	-	-	-	-	8,098	Sanitary Sewer Enterprise (Unvoted)				
Overall Engineering Consultants (OEC) 2022-2024		300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Sanitary Sewer				
Overall Engineering Consultants (OEC) 2022-2024		-	291,902	-	-	-	-	291,902	Voted 2019 Debt - Sanitary				
Overall Engineering Consultant-OEC 2025-2027		-	-	300,000	300,000	300,000	-	900,000	Sanitary Sewer Enterprise (Unvoted)				
Big Walnut Sanitary Trunk Extension, Phase 2		3,862,262	-	-	-	-	-	3,862,262	Voted 2019 Debt - Sanitary				
Big Walnut Sanitary Trunk Extension, Phase 2		112,104,000	-	-	-	-	-	112,104,000	WPCLF/OWDA				
Central College Subtrunk Extension Phase 3		-	-	1,300,000	-	-	-	1,300,000	Sanitary Sewer Enterprise (Unvoted)				
Central College Subtrunk Extension Phase 3		100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Sanitary Sewer				
Central College Subtrunk Extension Phase 3		-	49,200,000	-	-	-	-	49,200,000	WPCLF/OWDA				
Walnut Street Sanitary Sewer Extension		-	-	750,000	-	400,000	-	1,150,000	Sanitary Sewer Enterprise (Unvoted)				
Walnut Street Sanitary Sewer Extension		-	-	-	-	2,000,000	-	2,000,000	WPCLF/OWDA				
60-05 Blacklick Creek Interceptor Air Quality Facility Improvements		5,300,000	-	-	-	-	-	5,300,000	WPCLF/OWDA				
60-05 Blacklick Creek Sanitary Interceptor Sewer - Shaft 1 Control Gate		-	75,000	-	-	-	-	75,000	Sanitary Sewer Enterprise (Unvoted)				
60-05 Blacklick Creek Sanitary Interceptor Sewer - Shaft 1 Control Gate		100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Sanitary Sewer				
60-05 Blacklick Creek Sanitary Interceptor Sewer - Shaft 1 Control Gate		-	500,000	-	-	-	-	500,000	WPCLF/OWDA				
General Engineering Services - Sanitary - 2022		-	400,000	400,000	-	-	-	800,000	Sanitary Sewer Enterprise (Unvoted)				
General Engineering Services - Sanitary - 2022		400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Sanitary Sewer				
General Engineering Services - Sanitary - 2025		-	-	400,000	400,000	400,000	400,000	1,600,000	Sanitary Sewer Enterprise (Unvoted)				
Williams and Castle Interceptor		-	2,000,000	3,000,000	2,500,000	-	6,000,000	13,500,000	Sanitary Sewer Enterprise (Unvoted)				
DOSD Roof Replacements, No. 2		1,100,000	-	-	-	-	-	1,100,000	Voted 2016 Debt - Sanitary Sewer				
Compost Maintenance Building Roof Replacement		397,000	-	-	-	-	-	397,000	Voted 2016 Debt - Sanitary Sewer				
SMOC Phase V Roof Replacement		2,826,000	-	-	-	-	-	2,826,000	Voted 2016 Debt - Sanitary Sewer				
SMOC Phase VI Roof Replacement		-	2,849,000	-	-	-	-	2,849,000	Voted 2019 Debt - Sanitary				
DOSD Roof Replacements, No. 3		4,050,000	3,800,000	-	-	-	-	7,850,000	Voted 2019 Debt - Sanitary				
DOSD Roof Replacements, No. 4		-	250,000	3,665,000	3,665,000	-	-	7,580,000	Sanitary Sewer Enterprise (Unvoted)				
DOSD Roof Replacement, No. 5		-	-	-	550,000	3,800,000	3,250,000	7,600,000	Sanitary Sewer Enterprise (Unvoted)				
JPWWTP Digester Improvements		-	7,740,000	-	-	-	-	7,740,000	Voted 2019 Debt - Sanitary				
JPWWTP Digester Improvements		-	43,000,000	-	-	-	-	43,000,000	WPCLF/OWDA				
Jackson Pike WWTP Aeration Optimization		-	-	1,200,000	1,800,000	2,400,000	-	5,400,000	Sanitary Sewer Enterprise (Unvoted)				
Jackson Pike WWTP Aeration Optimization		-	-	-	-	42,204,000	-	42,204,000	WPCLF/OWDA				
Jackson Pike A-Plant Secondary Clarifier Electrical Upgrades & Miscellaneous Improvements		-	1,155,000	2,820,000	-	-	-	3,975,000	Sanitary Sewer Enterprise (Unvoted)				
Jackson Pike A-Plant Secondary Clarifier Electrical Upgrades & Miscellaneous Improvements		825,000	-	-	-	-	-	825,000	Voted 2016 Debt - Sanitary Sewer				
Jackson Pike A-Plant Secondary Clarifier Electrical Upgrades & Miscellaneous Improvements		-	-	15,000,000	-	-	-	15,000,000	WPCLF/OWDA				
Jackson Pike WWTP Aeration Optimization Phase 2		-	-	-	400,000	600,000	29,536,000	30,536,000	WPCLF/OWDA				
JPWWTP Sludge Dewatering Improvements		-	-	-	1,330,000	2,280,000	2,660,000	6,270,000	WPCLF/OWDA				
JPWWTP Screening Improvements		-	4,680,000	-	-	-	-	4,680,000	Voted 2019 Debt - Sanitary				
JPWWTP Screening Improvements		-	18,000,000	-	-	-	-	18,000,000	WPCLF/OWDA				
JPWWTP Power Systems Upgrades and Safety Improvements - Phase 1		250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Sanitary Sewer				
JPWWTP Power Systems Upgrades and Safety Improvements - Phase 1		-	360,000	-	-	-	-	360,000	Voted 2019 Debt - Sanitary				
JPWWTP Power Systems Upgrades and Safety Improvements - Phase 1		-	3,000,000	-	-	-	-	3,000,000	WPCLF/OWDA				
Whittier Street Storm Tanks, Part 2		-	-	-	-	-	1,000,000	1,000,000	Sanitary Sewer Enterprise (Unvoted)				
Short Circuit, Coordination, and Arc Flash Studies #1		350,000	-	-	-	-	-	350,000	Voted 2016 Debt - Sanitary Sewer				

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Short Circuit. Coordination, and Arc Flash Studies #2	-	500,000	-	-	-	-	500,000	Voted 2019 Debt - Sanitary
DFU General Engineering Consultant Services (GEC) #4	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Sanitary Sewer
DFU General Engineering Consultant Services (GEC) #5	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Sanitary Sewer
DFU General Engineering Consultant Services (GEC) #6	-	500,000	500,000	500,000	-	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
DFU General Engineering Consultant Services (GEC) #7	-	-	500,000	500,000	500,000	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
DFU General Engineering Consultant Services (GEC) #8	-	-	-	-	500,000	500,000	1,000,000	Sanitary Sewer Enterprise (Unvoted)
General Engineering Consultant (GEC) Services #9	-	-	-	-	-	500,000	500,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Small Capital Projects	-	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	5,500,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Small Capital Projects	1,100,000	-	-	-	-	-	1,100,000	Voted 2016 Debt - Sanitary Sewer
JPWWTP Incinerator Building Rehabilitation	853,738	-	-	-	-	-	853,738	Voted 2016 Debt - Sanitary Sewer
JPWWTP Sludge Concentration Building Demolition	1,539,332	-	-	-	-	-	1,539,332	Voted 2016 Debt - Sanitary Sewer
SWWWTP Small Capital Projects	-	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	5,500,000	Sanitary Sewer Enterprise (Unvoted)
SWWWTP Small Capital Projects	590,408	-	-	-	-	-	590,408	Voted 2016 Debt - Sanitary Sewer
SWWWTP Incinerator Building - South Rehabilitation	-	-	-	-	-	600,000	600,000	Sanitary Sewer Enterprise (Unvoted)
SWWWTP ERC/FRC MCC Replacement	-	-	-	2,509,140	-	-	2,509,140	WPCLF/OWDA
SWWWTP SW Switching Station Switchgear Replacement	2,487,769	-	-	-	-	-	2,487,769	WPCLF/OWDA
SWWWTP Raw Sewage Pump Building Rehabilitation	509,592	-	-	-	-	-	509,592	Voted 2016 Debt - Sanitary Sewer
SWWWTP CFS Bridge and RSP Cooling Upgrade	433,000	-	-	-	-	-	433,000	Voted 2016 Debt - Sanitary Sewer
Compost Facility Small Capital Projects	-	-	-	400,000	400,000	400,000	1,200,000	Sanitary Sewer Enterprise (Unvoted)
Dodge Park Pump Station Radio System Upgrade	462,000	-	-	-	-	-	462,000	Voted 2016 Debt - Sanitary Sewer
Fairwood Building Facilities Small Capital Projects	-	350,000	350,000	350,000	350,000	350,000	1,750,000	Sanitary Sewer Enterprise (Unvoted)
Fairwood Building Facilities Small Capital Projects	350,000	-	-	-	-	-	350,000	Voted 2016 Debt - Sanitary Sewer
WWTFs Professional Construction Management Services #3	750,000	750,000	-	-	-	-	1,500,000	Voted 2019 Debt - Sanitary
WWTFs Professional Construction Management Services #4	-	-	1,000,000	1,000,000	1,000,000	-	3,000,000	Sanitary Sewer Enterprise (Unvoted)
WWTFs Professional Construction Management Services #5	-	-	-	-	-	1,000,000	1,000,000	Sanitary Sewer Enterprise (Unvoted)
Fairwood Facility HVAC Units 59 & 60 Replacement SCP 14FW	907,000	-	-	-	-	-	907,000	Voted 2016 Debt - Sanitary Sewer
DOSD HVAC and Air Purification System Replacements, No. 2	700,000	-	-	-	-	-	700,000	Voted 2016 Debt - Sanitary Sewer
DOSD HVAC and Air Purification System Replacements, No. 2	-	700,000	-	-	-	-	700,000	Voted 2019 Debt - Sanitary
DOSD HVAC and Air Purification System Replacements, No. 2	3,000,000	3,000,000	-	-	-	-	6,000,000	WPCLF/OWDA
DOSD HVAC and Air Purification System Replacements, No. 3	-	300,000	2,775,000	2,675,000	-	-	5,750,000	Sanitary Sewer Enterprise (Unvoted)
DOSD HVAC and Air Purification No. 4	-	-	-	400,000	3,775,000	3,775,000	7,950,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Gravity Thickening Improvements	-	-	6,897,500	2,225,000	-	-	9,122,500	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Gravity Thickening Improvements	-	-	-	22,250,000	-	-	22,250,000	WPCLF/OWDA
Jackson Pike WWTP Stormwater and Floodplain Improvements	500,000	3,120,000	-	-	-	-	3,620,000	Voted 2019 Debt - Sanitary
Jackson Pike WWTP Stormwater and Floodplain Improvements	-	12,000,000	-	-	-	-	12,000,000	WPCLF/OWDA
JPWWTP Plant Wide Control System Improvements	4,116,000	-	-	-	-	-	4,116,000	Voted 2016 Debt - Sanitary Sewer
JPWWTP Plant Wide Control System Improvements	-	2,469,600	-	-	-	-	2,469,600	Voted 2019 Debt - Sanitary
JPWWTP Plant Wide Control System Improvements	-	20,580,000	-	-	-	-	20,580,000	WPCLF/OWDA
Jackson Pike Waste Water Treatment Plant Audit	80,000	-	-	-	-	-	80,000	Voted 2016 Debt - Sanitary Sewer
SWWWTP VFD and Harmonic Filter Upgrades	2,611,300	-	-	-	-	-	2,611,300	Voted 2016 Debt - Sanitary Sewer
SWWWTP VFD and Harmonic Filter Upgrades	6,848,000	-	-	-	-	-	6,848,000	WPCLF/OWDA
DOSD Electrical Upgrades Program	1,000,000	-	-	-	-	-	1,000,000	Voted 2016 Debt - Sanitary Sewer
SWWWTP Switching Station Replacement	-	-	3,000,000	11,000,000	4,000,000	-	18,000,000	Sanitary Sewer Enterprise (Unvoted)
SWWWTP Switching Station Replacement	-	-	-	-	-	50,000,000	50,000,000	WPCLF/OWDA
WWTFs Instrumentation and Control (I&C) Integration and Programming #3	1,000,000	500,000	-	-	-	-	1,500,000	Voted 2019 Debt - Sanitary
WWTFs Instrumentation And Control (I&C) Integration and Programming Team Part 4	-	-	500,000	500,000	500,000	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
SWWWTP Fiber Optic Backbone Upgrade and Replacement	-	-	-	700,000	-	-	700,000	Sanitary Sewer Enterprise (Unvoted)
SWWWTP Fiber Optic Backbone Upgrade and Replacement	-	-	575,000	350,000	5,600,000	-	6,525,000	WPCLF/OWDA
JPWWTP Fiber Optic Backbone Upgrade and Replacement	-	-	200,000	1,000,000	50,000	-	1,250,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Fiber Optic Backbone Upgrade and Replacement	-	-	-	-	5,750,000	-	5,750,000	WPCLF/OWDA
60-05 SWWWTP Sludge Dewatering Improvements	-	-	1,330,000	2,280,000	2,280,000	-	5,890,000	Sanitary Sewer Enterprise (Unvoted)
60-05 SWWWTP Sludge Dewatering Improvements	-	-	-	-	19,000,000	-	19,000,000	WPCLF/OWDA

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
SWWTP Main Drain Alternative Pipe Route	384,000	-	-	-	-	-	384,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Main Drain Alternative Pipe Route	4,600,000	-	-	-	-	-	4,600,000	WPCLF/OWDA
SWWTP Biofilter Cold Weather Reliability Improvements	-	1,571,000	-	-	-	-	1,571,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Biofilter Cold Weather Reliability Improvements	267,719	-	-	-	-	-	267,719	Voted 2016 Debt - Sanitary Sewer
SWWTP Biofilter Cold Weather Reliability Improvements	589,281	-	-	-	-	-	589,281	Voted 2019 Debt - Sanitary
SWWTP Biofilter Cold Weather Reliability Improvements	-	7,140,000	-	-	-	-	7,140,000	WPCLF/OWDA
SWWTP UC Improvements	-	500,000	770,000	1,411,000	-	-	2,681,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP UC Improvements	-	-	-	6,500,000	-	-	6,500,000	WPCLF/OWDA
SWWTP Headworks Expansion	-	-	-	3,850,000	8,250,000	57,750,000	69,850,000	WPCLF/OWDA
SWWTP Digester Process Expansion, Phase II	-	-	9,240,000	-	-	-	9,240,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Digester Process Expansion, Phase II	9,240,000	-	-	-	-	-	9,240,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Digester Process Expansion, Phase II	-	9,800,000	-	-	-	-	9,800,000	Voted 2019 Debt - Sanitary
SWWTP Digester Process Expansion, Phase II	-	-	70,000,000	-	-	-	70,000,000	WPCLF/OWDA
SWWTP Post Aeration Diffuser Replacement	1,388,000	-	-	-	-	-	1,388,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Post Aeration Diffuser Replacement	10,778,923	-	-	-	-	-	10,778,923	WPCLF/OWDA
SWWTP Effluent Sample Pump Station	-	-	-	622,000	2,195,000	1,065,000	3,882,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Effluent Sample Pump Station	-	-	-	-	-	8,070,000	8,070,000	WPCLF/OWDA
SWWTP Power Systems Upgrades and Safety Improvements - Phase 1	400,000	720,000	-	-	-	-	1,120,000	Voted 2019 Debt - Sanitary
SWWTP Power Systems Upgrades and Safety Improvements - Phase 1	-	6,000,000	-	-	-	-	6,000,000	WPCLF/OWDA
WWTF Upgrade - General Program #5	800,000	800,000	-	-	-	-	1,600,000	Voted 2019 Debt - Sanitary
WWTF Upgrade - General Program #6	-	-	-	1,894,000	1,894,000	1,894,000	5,682,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Effluent Pump Station Expansion	-	-	-	-	11,600,000	19,800,000	31,400,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Aeration Optimization	-	-	-	1,791,000	3,070,000	6,652,000	11,513,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Aeration Optimization	-	-	-	-	-	25,590,000	25,590,000	WPCLF/OWDA
SWWTP Primary Clarification Improvements	-	-	1,888,600	3,237,600	4,856,400	-	9,982,600	Sanitary Sewer Enterprise (Unvoted)
SWWTP Primary Clarification Improvements	-	-	-	-	26,980,000	-	26,980,000	WPCLF/OWDA
SWWTP EAC HVAC and Air Purification	540,000	-	-	-	-	-	540,000	Voted 2016 Debt - Sanitary Sewer
SWWTP EAC HVAC and Air Purification	4,014,062	-	-	-	-	-	4,014,062	WPCLF/OWDA
Southerly WWTP Security Improvements	240,000	3,480,000	-	-	-	-	3,720,000	Voted 2019 Debt - Sanitary
Compost Facility Odor Reduction Improvements - Part 2	-	2,310,000	4,235,000	-	-	-	6,545,000	Sanitary Sewer Enterprise (Unvoted)
Compost Facility Odor Reduction Improvements - Part 2	1,347,500	-	-	-	-	-	1,347,500	Voted 2016 Debt - Sanitary Sewer
Compost Facility Odor Reduction Improvements - Part 2	-	-	19,250,000	-	-	-	19,250,000	WPCLF/OWDA
Compost Odor Control Improvements - Phase 3	-	-	-	1,403,700	2,246,000	4,117,600	7,767,300	Sanitary Sewer Enterprise (Unvoted)
Compost Odor Control Improvements - Phase 3	-	-	-	-	-	18,716,000	18,716,000	WPCLF/OWDA
Southerly Stormwater and Floodplain Improvements	-	-	9,000,000	-	9,000,000	-	18,000,000	Sanitary Sewer Enterprise (Unvoted)
Southerly Stormwater and Floodplain Improvements	9,000,000	9,700,000	-	-	-	-	18,700,000	Voted 2019 Debt - Sanitary
Southerly Stormwater and Floodplain Improvements	-	-	-	-	90,000,000	-	90,000,000	WPCLF/OWDA
SWWTP Plant Wide Control System Improvements	1,424,280	2,211,660	-	-	-	-	3,635,940	Voted 2019 Debt - Sanitary
SWWTP Plant Wide Control System Improvements	-	11,869,000	-	-	-	-	11,869,000	WPCLF/OWDA
SWWTP Far East Train	-	11,550,000	24,750,000	8,250,000	16,500,000	-	61,050,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Far East Train	-	-	-	165,000,000	-	-	165,000,000	WPCLF/OWDA
Sanitary Sewer Lining Project	-	1,170,000	-	-	1,170,000	-	2,340,000	Sanitary Sewer Enterprise (Unvoted)
2023 Annual Lining Contract	5,000,000	-	-	-	-	-	5,000,000	WPCLF/OWDA
2024 Annual Lining Contract	-	850,000	-	-	-	-	850,000	Sanitary Sewer Enterprise (Unvoted)
2024 Annual Lining Contract	-	5,000,000	-	-	-	-	5,000,000	WPCLF/OWDA
2025 Annual Lining Contract	-	-	850,000	-	-	-	850,000	Sanitary Sewer Enterprise (Unvoted)
2025 Annual Lining Contract	-	-	5,000,000	-	-	-	5,000,000	WPCLF/OWDA
2026 Annual Lining Contract	-	-	-	850,000	-	-	850,000	Sanitary Sewer Enterprise (Unvoted)
2026 Annual Lining Contract	-	-	-	5,000,000	-	-	5,000,000	WPCLF/OWDA
2027 Annual Lining Contract	-	-	-	-	850,000	-	850,000	Sanitary Sewer Enterprise (Unvoted)
2027 Annual Lining Contract	-	-	-	-	5,000,000	-	5,000,000	WPCLF/OWDA

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
2028 Annual Lining Contract	-	-	-	-	-	850,000	850,000	Sanitary Sewer Enterprise (Unvoted)
2028 Annual Lining Contract	-	-	-	-	-	5,000,000	5,000,000	WPCLF/OWDA
Sewer System Capacity Model update 2020	-	3,000,000	2,000,000	-	2,000,000	-	7,000,000	Sanitary Sewer Enterprise (Unvoted)
Big Walnut Interceptor Lockbourne Subtrunk Canal Road Area	-	200,000	-	-	-	-	200,000	Sanitary Sewer Enterprise (Unvoted)
Big Walnut Interceptor Lockbourne Subtrunk Canal Road Area	-	2,000,000	-	-	-	-	2,000,000	WPCLF/OWDA
Intermodal Sanitary Subtrunk Extension	2,520,000	-	-	-	-	-	2,520,000	Voted 2016 Debt - Sanitary Sewer
Intermodal Sanitary Subtrunk Extension - Phase 2	-	-	-	-	-	550,000	550,000	Sanitary Sewer Enterprise (Unvoted)
Three Creeks Relief Tunnel	-	-	25,500,000	-	1,500,000	15,000,000	42,000,000	Sanitary Sewer Enterprise (Unvoted)
Three Creeks Relief Tunnel	-	-	-	-	-	207,500,000	207,500,000	WPCLF/OWDA
Olentangy Main Trunk-Mt. Air	-	-	-	-	-	750,000	750,000	Sanitary Sewer Enterprise (Unvoted)
SMOC Inventory Control Consolidations	4,528,480	-	-	-	-	-	4,528,480	Voted 2016 Debt - Sanitary Sewer
Ohio State University Area Utility Easement Project	50,000	-	-	-	-	-	50,000	Voted 2016 Debt - Sanitary Sewer
DOSD Sanitary Pump Stations Evaluation and Upgrade	300,000	300,000	-	-	-	-	600,000	Voted 2019 Debt - Sanitary
DOSD Sanitary Pump Stations SA13 Evaluation & Upgrade	-	360,000	-	-	-	-	360,000	Voted 2019 Debt - Sanitary
DOSD Sanitary Pump Stations SA13 Evaluation & Upgrade	-	3,300,000	-	-	-	-	3,300,000	WPCLF/OWDA
DOSD Sanitary Pump Stations Construction	-	1,000,000	365,000	-	-	-	1,365,000	Sanitary Sewer Enterprise (Unvoted)
DOSD Sanitary Pump Stations Construction	-	-	3,650,000	-	-	-	3,650,000	WPCLF/OWDA
Sanitary Remote Site Communication Network Upgrades	150,000	896,000	-	-	-	-	1,046,000	Voted 2019 Debt - Sanitary
Sanitary Remote Site Communication Network Upgrades	-	-	2,100,000	-	-	-	2,100,000	WPCLF/OWDA
Big Walnut Outfall (South) Rehabilitation	5,152,995	-	-	-	-	-	5,152,995	Voted 2016 Debt - Sanitary Sewer
Big Walnut Outfall (South) Rehabilitation	-	53,000,000	-	-	-	-	53,000,000	WPCLF/OWDA
Big Walnut Outfall (North) Rehabilitation	-	-	-	1,600,000	-	300,000	1,900,000	Sanitary Sewer Enterprise (Unvoted)
Lower Olentangy Tunnel - Phase 1	-	4,500,000	6,000,000	-	-	-	10,500,000	Sanitary Sewer Enterprise (Unvoted)
Lower Olentangy Tunnel - Phase 1	7,500,000	-	-	-	-	-	7,500,000	Voted 2016 Debt - Sanitary Sewer
Lower Olentangy Tunnel - Phase 1	-	2,000,000	-	-	-	-	2,000,000	Voted 2019 Debt - Sanitary
Lower Olentangy Tunnel Phase 2	-	-	-	-	4,000,000	-	4,000,000	Sanitary Sewer Enterprise (Unvoted)
Large Diameter Sewer Rehabilitation - Alum Creek Trunk South Section/Deshler Tunnel-	-	-	-	-	-	-	-	-
Alum Creek Interceptor Sewer/Truro Sewers	20,625,000	-	-	-	-	-	20,625,000	WPCLF/OWDA
OSIS Large Diameter Sewer Rehabilitation	900,000	650,000	-	-	-	-	1,550,000	Voted 2019 Debt - Sanitary
OSIS Large Diameter Sewer Rehabilitation	-	-	6,000,000	-	-	-	6,000,000	WPCLF/OWDA
Large Diameter - Blacklick Creek Main Trunk	625,000	-	-	-	-	-	625,000	Voted 2016 Debt - Sanitary Sewer
Large Diameter - Blacklick Creek Main Trunk	7,344,000	-	-	-	-	-	7,344,000	WPCLF/OWDA
Near North & East Area Large Diameter Assessment - Phase 3	1,500,000	-	-	-	-	-	1,500,000	Voted 2016 Debt - Sanitary Sewer
Near North & East Area Large Diameter Assessment - Phase 3	-	8,000,000	-	-	-	-	8,000,000	WPCLF/OWDA
Near North & East Area Large Diameter Assessment - Phase 4	-	-	-	1,000,000	-	1,000,000	2,000,000	Sanitary Sewer Enterprise (Unvoted)
Near North & East Area Large Diameter Assessment - Phase 4	-	-	-	-	-	10,000,000	10,000,000	WPCLF/OWDA
Alum Creek Trunk (South) - Phase 2	277,970	-	-	-	-	-	277,970	Voted 2016 Debt - Sanitary Sewer
Alum Creek Trunk (South) - Phase 2	-	975,000	-	-	-	-	975,000	Voted 2019 Debt - Sanitary
Alum Creek Trunk (South) - Phase 2	-	13,000,000	-	-	-	-	13,000,000	WPCLF/OWDA
Alum Creek Trunk (South) - Phase 3	-	600,000	-	800,000	-	-	1,400,000	Sanitary Sewer Enterprise (Unvoted)
Alum Creek Trunk (South) - Phase 3	-	-	-	-	10,000,000	-	10,000,000	WPCLF/OWDA
Blacklick Creek Sanitary Subtrunk Rehabilitation	50,000	-	-	-	-	-	50,000	Voted 2016 Debt - Sanitary Sewer
Blacklick Creek Sanitary Subtrunk Rehabilitation	-	512,000	-	-	-	-	512,000	Voted 2019 Debt - Sanitary
Blacklick Creek Sanitary Subtrunk Rehabilitation	-	-	7,800,000	-	-	-	7,800,000	WPCLF/OWDA
Annual Large Diameter Sewer Assessment	-	-	-	3,000,000	3,000,000	3,000,000	9,000,000	Sanitary Sewer Enterprise (Unvoted)
Annual Large Diameter Sewer Assessment	-	-	-	-	-	10,312,000	10,312,000	WPCLF/OWDA
Big Walnut Trunk South Rehabilitation	-	-	-	2,750,000	-	150,000	2,900,000	Sanitary Sewer Enterprise (Unvoted)
Big Walnut Trunk South Rehabilitation	-	-	-	-	-	20,000,000	20,000,000	WPCLF/OWDA
Blacklick Creek Main Trunk (South) Rehabilitation - Phase 2	-	-	-	300,000	-	350,000	650,000	Sanitary Sewer Enterprise (Unvoted)
Scioto Main North Large Diameter Sewer Rehabilitation	150,000	-	-	-	-	-	150,000	Voted 2016 Debt - Sanitary Sewer
Scioto Main North Large Diameter Sewer Rehabilitation	-	2,400,000	-	-	-	-	2,400,000	Voted 2019 Debt - Sanitary
Scioto Main North Large Diameter Sewer Rehabilitation	-	10,000,000	-	-	-	-	10,000,000	WPCLF/OWDA

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
West Side Trunk Rehab-Phase 2	1,200,000	-	-	-	-	-	1,200,000	Voted 2016 Debt - Sanitary Sewer
West Side Trunk Rehab-Phase 2	6,000,000	-	-	-	-	-	6,000,000	WPCLF/OWDA
Alum Creek Trunk - Middle (Phase D) Sewer Rehabilitation	-	100,000	1,380,000	-	-	-	1,480,000	Sanitary Sewer Enterprise (Unvoted)
Alum Creek Trunk - Middle (Phase D) Sewer Rehabilitation	1,380,000	-	-	-	-	-	1,380,000	Voted 2016 Debt - Sanitary Sewer
Alum Creek Trunk - Middle (Phase D) Sewer Rehabilitation	-	-	-	13,800,000	-	-	13,800,000	WPCLF/OWDA
2023 General Construction Contract	1,150,000	-	-	-	-	-	1,150,000	Voted 2016 Debt - Sanitary Sewer
2024 General Construction Contract	-	1,150,000	-	-	-	-	1,150,000	Voted 2019 Debt - Sanitary
2025 General Construction Contract	-	-	1,150,000	-	-	-	1,150,000	Sanitary Sewer Enterprise (Unvoted)
2026 General Construction Contract	-	-	-	1,150,000	-	-	1,150,000	Sanitary Sewer Enterprise (Unvoted)
2027 General Construction Contract	-	-	-	-	1,150,000	-	1,150,000	Sanitary Sewer Enterprise (Unvoted)
2028 General Construction Contract	-	-	-	-	-	1,150,000	1,150,000	Sanitary Sewer Enterprise (Unvoted)
Moler Street Overflow Intercepting Sewer	24,400,000	-	-	-	-	-	24,400,000	WPCLF/OWDA
Inflow Redirection - Noble & 4th St	50,000	-	-	-	-	-	50,000	Voted 2016 Debt - Sanitary Sewer
Inflow Redirection - Noble & 4th St	500,000	-	-	-	-	-	500,000	WPCLF/OWDA
Inflow Redirection - Kerr / Russell	424,448	-	-	-	-	-	424,448	Voted 2016 Debt - Sanitary Sewer
Inflow Redirection - Kerr / Russell	4,389,587	-	-	-	-	-	4,389,587	WPCLF/OWDA
Inflow Redirection - Markison	2,484,300	-	-	-	-	-	2,484,300	Voted 2016 Debt - Sanitary Sewer
Inflow Redirection - Markison	-	16,920,000	-	-	-	-	16,920,000	WPCLF/OWDA
Construction Administration Services 2023 to 2025	-	-	100,000	-	-	-	100,000	Sanitary Sewer Enterprise (Unvoted)
Construction Administration Services 2023 to 2025	250,000	100,000	-	-	-	-	350,000	Voted 2019 Debt - Sanitary
Construction Administration Services 2026 to 2028	-	-	-	250,000	100,000	100,000	450,000	Sanitary Sewer Enterprise (Unvoted)
DSR 147 Overflow Pipe Raise - 5th by Northwest Blueprint Area	-	-	-	-	-	7,844	7,844	Sanitary Sewer Enterprise (Unvoted)
DSR 148 Overflow Pipe Raise - 5th by Northwest Blueprint Area	-	-	-	-	-	7,844	7,844	Sanitary Sewer Enterprise (Unvoted)
DSR 149 Overflow Pipe Raise - 5th by Northwest Blueprint Area	-	-	-	-	-	7,844	7,844	Sanitary Sewer Enterprise (Unvoted)
DSR 150 Overflow Pipe Raise - 5th by Northwest Blueprint Area	-	-	-	-	-	7,844	7,844	Sanitary Sewer Enterprise (Unvoted)
Flow Split Reconfiguration - 5th by Northwest Blueprint Area	-	-	-	-	-	6,593	6,593	Sanitary Sewer Enterprise (Unvoted)
DSR 103 Closure - 5th by Northwest Blueprint Area	-	-	95,251	-	-	-	95,251	Sanitary Sewer Enterprise (Unvoted)
Bulkhead of 10" pipe from Worthington to Clintonville Main Trunk Sewer - Clintonville 2	-	-	-	38,000	-	-	38,000	Sanitary Sewer Enterprise (Unvoted)
Upsizing Sewer Pipes (Project ID 3) - Hilltop 2	-	-	-	-	-	488,930	488,930	Sanitary Sewer Enterprise (Unvoted)
DSR 177 Closure - Miller Kelton Blueprint Area	-	-	-	95,251	-	-	95,251	Sanitary Sewer Enterprise (Unvoted)
Flow Redirection - Plum Ridge	-	-	-	-	134,000	-	134,000	Sanitary Sewer Enterprise (Unvoted)
West Franklinton Area Sewer Reconfiguration	-	-	700,000	-	-	-	700,000	Sanitary Sewer Enterprise (Unvoted)
West Franklinton Area Sewer Reconfiguration	850,000	-	-	-	-	-	850,000	Voted 2016 Debt - Sanitary Sewer
West Franklinton Area Sewer Reconfiguration	-	-	6,600,000	-	-	-	6,600,000	WPCLF/OWDA
Upsizing Sewer Pipes Project ID 2 Near South	360,000	-	-	-	-	-	360,000	Voted 2016 Debt - Sanitary Sewer
Upsizing Sewer Pipes Project ID 2 Near South	2,400,000	-	-	-	-	-	2,400,000	WPCLF/OWDA
Upsizing Sewer Pipes Project ID 3 Near South	45,000	-	-	-	-	-	45,000	Voted 2016 Debt - Sanitary Sewer
Upsizing Sewer Pipes Project ID 3 Near South	440,000	-	-	-	-	-	440,000	WPCLF/OWDA
Blueprint Hilltop - Eureka/Fremont	10,000,000	-	-	-	-	-	10,000,000	WPCLF/OWDA
Blueprint Miller Kelton - Newton/Bedford	216,000	-	-	-	-	-	216,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton - Newton/Bedford	-	1,440,000	-	-	-	-	1,440,000	WPCLF/OWDA
Blueprint Miller Kelton - Kelton/Fairwood	1,000,000	-	-	-	-	-	1,000,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton - Kelton/Fairwood	5,750,000	-	-	-	-	-	5,750,000	WPCLF/OWDA
Blueprint 5th Ave by Northwest - Sunrise / Glenn	6,500,000	-	-	-	-	-	6,500,000	WPCLF/OWDA
Blueprint 5th Ave by Northwest - Edgehill / Meadow	1,476,500	-	-	-	-	-	1,476,500	Voted 2016 Debt - Sanitary Sewer
Blueprint 5th Ave by Northwest - Edgehill / Meadow	-	5,910,000	-	-	-	-	5,910,000	WPCLF/OWDA
Blueprint 5thxNorthwest - Sunrise/Glenn Permeable Pavement	170,000	-	-	-	-	-	170,000	Voted 2016 Debt - Sanitary Sewer
Blueprint 5thxNorthwest - Sunrise/Glenn Permeable Pavement	1,600,000	-	-	-	-	-	1,600,000	WPCLF/OWDA
Blueprint Winthrop / Milton Area Integrated Solutions	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Winthrop / Milton Area Integrated Solutions	-	500,000	-	-	-	-	500,000	Voted 2019 Debt - Sanitary
Blueprint Winthrop / Milton Area Integrated Solutions	-	3,700,000	-	-	-	-	3,700,000	WPCLF/OWDA

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Blueprint Dorris / Weber Area Integrated Solutions	860,000	-	-	-	-	-	860,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Dorris / Weber Area Integrated Solutions	-	6,600,000	-	-	-	-	6,600,000	WPCLF/OWDA
Blueprint Fredonia / Piedmont Area Integrated Solutions	700,000	1,500,000	-	-	-	-	2,200,000	Voted 2019 Debt - Sanitary
Blueprint Fredonia / Piedmont Area Integrated Solutions	-	6,500,000	-	-	-	-	6,500,000	WPCLF/OWDA
Blueprint Tulane / Findley Area Integrated Solutions	200,000	700,000	-	-	-	-	900,000	Voted 2019 Debt - Sanitary
Blueprint Tulane / Findley Area Integrated Solutions	-	7,000,000	-	-	-	-	7,000,000	WPCLF/OWDA
Blueprint Milford / Summit Area Integrated Solutions	1,720,000	-	-	-	-	-	1,720,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Milford / Summit Area Integrated Solutions	-	6,500,000	-	-	-	-	6,500,000	WPCLF/OWDA
Blueprint Olde Beechwood Area - Integrated Solutions	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Sanitary Sewer
Walhalla Ravine Stream Restoration	1,500,000	-	-	-	-	-	1,500,000	WPCLF/OWDA
Leland / Highland Area Integrated Solutions	-	-	1,200,000	-	-	-	1,200,000	Sanitary Sewer Enterprise (Unvoted)
Charleston / Kanawha Area Integrated Solutions	-	-	537,605	-	237,900	25,000	800,505	Sanitary Sewer Enterprise (Unvoted)
Croswell / Beaumont Area Integrated Solutions	-	-	1,500,000	-	730,000	100,000	2,330,000	Sanitary Sewer Enterprise (Unvoted)
Jeffrey / Sellers Area Integrated Solutions	-	-	1,327,418	-	705,000	-	2,032,418	Sanitary Sewer Enterprise (Unvoted)
Green Infrastructure - North Linden 2 Blueprint Area	-	-	-	-	-	5,000,000	5,000,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 4 - Highland / Harris	1,145,000	-	-	-	-	-	1,145,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Hilltop 4 - Highland / Harris	6,300,000	-	-	-	-	-	6,300,000	WPCLF/OWDA
Green Infrastructure - Hilltop 2 Blueprint Area	-	-	-	-	5,000,000	-	5,000,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint W. Franklinton - Yale / Edwin	-	500,000	-	250,000	450,000	-	1,200,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint W. Franklinton - Yale / Edwin	-	-	-	-	3,000,000	-	3,000,000	WPCLF/OWDA
Blueprint W. Franklinton - Green / Glenwood	-	675,000	-	200,000	500,000	-	1,375,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint W. Franklinton - Green / Glenwood	-	-	-	-	4,800,000	-	4,800,000	WPCLF/OWDA
Blueprint Near South - Morrill/Ann Area Integrated Solutions	-	-	200,000	50,000	-	355,665	605,665	Sanitary Sewer Enterprise (Unvoted)
Blueprint Near South - Morrill/Ann Area Integrated Solutions	699,140	-	-	-	-	-	699,140	Voted 2016 Debt - Sanitary Sewer
Blueprint Near South - Morrill/Ann Area Integrated Solutions	-	-	-	3,556,650	-	-	3,556,650	WPCLF/OWDA
Blueprint Near South - Champion/Roberts Area Integrated Solutions	-	261,675	1,246,700	-	-	-	1,508,375	Sanitary Sewer Enterprise (Unvoted)
Blueprint Near South - Champion/Roberts Area Integrated Solutions	699,140	-	-	-	-	-	699,140	Voted 2019 Debt - Sanitary
Blueprint Near South - Champion/Roberts Area Integrated Solutions	-	-	-	4,033,500	-	-	4,033,500	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Permeable Pavers Solutions	607,500	-	-	-	-	-	607,500	Voted 2016 Debt - Sanitary Sewer
Blueprint Hilltop 1 Palmetto / Westgate Permeable Pavers	13,000,000	-	-	-	-	-	13,000,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Permeable Pavers	8,000,000	-	-	-	-	-	8,000,000	WPCLF/OWDA
Astor / Bernhard Integrated Solutions	543,541	429,015	-	-	-	-	972,556	Voted 2019 Debt - Sanitary
Astor / Bernhard Integrated Solutions	-	-	2,790,150	-	-	-	2,790,150	WPCLF/OWDA
Thurston / Grimsby Integrated Solutions	-	-	290,610	-	-	-	290,610	Sanitary Sewer Enterprise (Unvoted)
Thurston / Grimsby Integrated Solutions	290,529	-	-	-	-	-	290,529	Voted 2019 Debt - Sanitary
Thurston / Grimsby Integrated Solutions	-	-	-	1,406,100	-	-	1,406,100	WPCLF/OWDA
Gertrude / Lattimer Integrated Solutions	-	-	1,793,787	-	-	-	1,793,787	Sanitary Sewer Enterprise (Unvoted)
Gertrude / Lattimer Integrated Solutions	1,342,221	-	-	-	-	-	1,342,221	Voted 2019 Debt - Sanitary
Gertrude / Lattimer Integrated Solutions	-	-	-	6,975,150	-	-	6,975,150	WPCLF/OWDA
Plum Ridge Integrated Solutions	-	-	354,645	-	-	-	354,645	Sanitary Sewer Enterprise (Unvoted)
Plum Ridge Integrated Solutions	371,303	-	-	-	-	-	371,303	Voted 2019 Debt - Sanitary
Plum Ridge Integrated Solutions	-	-	-	2,046,450	-	-	2,046,450	WPCLF/OWDA
Blueprint Miller Kelton New ton / Bedford Permeable Pavers	990,000	-	-	-	-	-	990,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton New ton / Bedford Permeable Pavers	-	6,600,000	-	-	-	-	6,600,000	WPCLF/OWDA
Blueprint Miller Kelton - Kent/Fairwood Permeable Pavers	1,800,000	-	-	-	-	-	1,800,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton - Kent/Fairwood Permeable Pavers	10,000,000	-	-	-	-	-	10,000,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 1	-	-	-	240,000	-	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 1	-	-	-	1,600,000	-	-	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 2	-	-	-	240,000	-	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 2	-	-	-	1,600,000	-	-	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 3	-	-	-	240,000	-	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 3	-	-	-	-	1,600,000	-	1,600,000	WPCLF/OWDA



2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Roof Redirection - Blueprint Clintonville 3 Project 4	-	-	-	-	240,000	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 4	-	-	-	-	1,600,000	-	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 5	-	-	-	-	240,000	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 5	-	-	-	-	1,600,000	-	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 6	-	-	-	-	240,000	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 6	-	-	-	-	1,600,000	-	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 7	-	-	-	-	240,000	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 7	-	-	-	-	1,600,000	-	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 8	-	-	-	-	240,000	-	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 8	-	-	-	-	-	1,600,000	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 9	-	-	-	-	-	240,000	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 9	-	-	-	-	-	1,600,000	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 10	-	-	-	-	-	240,000	240,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 10	-	-	-	-	-	1,600,000	1,600,000	WPCLF/OWDA
Roof Redirection - Blueprint North Linden 1, Oakland Park Area 1	3,700,000	-	-	-	-	-	3,700,000	WPCLF/OWDA
Roof Redirection - Blueprint North Linden 1, Hudson McGuffey Area 1	472,535	-	-	-	-	-	472,535	Voted 2016 Debt - Sanitary Sewer
Roof Redirection - Blueprint North Linden 1, Hudson McGuffey Area 1	3,150,233	-	-	-	-	-	3,150,233	WPCLF/OWDA
Roof Redirection - Blueprint North Linden 1, Hudson McGuffey Area 2	472,535	-	-	-	-	-	472,535	Voted 2016 Debt - Sanitary Sewer
Roof Redirection - Blueprint North Linden 1, Hudson McGuffey Area 2	3,150,233	-	-	-	-	-	3,150,233	WPCLF/OWDA
Roof Redirection - Blueprint North Linden 1, Hudson McGuffey Area 3	472,535	-	-	-	-	-	472,535	Voted 2016 Debt - Sanitary Sewer
Roof Redirection - Blueprint North Linden 1, Hudson McGuffey Area 3	3,150,233	-	-	-	-	-	3,150,233	WPCLF/OWDA
Roof Redirection - 5th by Northwest, Phase 1	-	-	188,301	-	-	-	188,301	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - 5th by Northwest, Phase 1	-	-	1,255,338	-	-	-	1,255,338	WPCLF/OWDA
Roof Redirection - 5th by Northwest, Phase 2	-	-	188,301	-	-	-	188,301	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - 5th by Northwest, Phase 2	-	-	1,255,338	-	-	-	1,255,338	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 1	250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 1	-	1,665,000	-	-	-	-	1,665,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 2	-	250,000	-	-	-	-	250,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 2	-	1,665,000	-	-	-	-	1,665,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 3	-	250,000	-	-	-	-	250,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 3	-	1,665,000	-	-	-	-	1,665,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 4	-	250,000	-	-	-	-	250,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 4	-	1,665,000	-	-	-	-	1,665,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 5	-	-	251,000	-	-	-	251,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 5	-	-	1,668,000	-	-	-	1,668,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 6	-	-	251,000	-	-	-	251,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 6	-	-	1,668,000	-	-	-	1,668,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 7	-	-	251,000	-	-	-	251,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 7	-	-	1,668,000	-	-	-	1,668,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 8	-	-	251,000	-	-	-	251,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 8	-	-	1,668,000	-	-	-	1,668,000	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 1	-	-	-	235,000	-	-	235,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 1	-	-	-	1,566,000	-	-	1,566,000	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 2	-	-	-	235,000	-	-	235,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 2	-	-	-	1,566,000	-	-	1,566,000	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 3	-	-	-	235,000	-	-	235,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 3	-	-	-	1,566,000	-	-	1,566,000	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 4	-	-	-	235,000	-	-	235,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 4	-	-	-	1,566,000	-	-	1,566,000	WPCLF/OWDA
Blueprint Miller-Kelton Newton / Bedford Roof Redirection Project 1	-	-	174,000	-	-	-	174,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Newton / Bedford Roof Redirection Project 1	-	-	1,160,000	-	-	-	1,160,000	WPCLF/OWDA

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Blueprint Miller-Kelton New ton / Bedford Roof Redirection Project 2	-	-	174,000	-	-	-	174,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Miller-Kelton New ton / Bedford Roof Redirection Project 2	-	-	1,160,000	-	-	-	1,160,000	WPCLF/OWDA
Blueprint Miller-Kelton Fairw ood / Kent Roof Redirection Project 3	-	-	360,000	-	-	-	360,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Miller-Kelton Fairw ood / Kent Roof Redirection Project 3	-	-	2,000,000	-	-	-	2,000,000	WPCLF/OWDA
Blueprint Miller-Kelton Fairw ood / Kent Roof Redirection Project 4	-	-	360,000	-	-	-	360,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Miller-Kelton Fairw ood / Kent Roof Redirection Project 4	-	-	2,000,000	-	-	-	2,000,000	WPCLF/OWDA
BP Near South Roof Redirection 1	-	-	-	-	519,829	-	519,829	Sanitary Sew er Enterprise (Unvoted)
BP Near South Roof Redirection 1	-	-	-	-	-	3,465,525	3,465,525	WPCLF/OWDA
BP Near South Roof Redirection 2	-	-	-	-	-	519,829	519,829	Sanitary Sew er Enterprise (Unvoted)
BP Near South Roof Redirection 2	-	-	-	-	-	3,465,525	3,465,525	WPCLF/OWDA
BP Near South Roof Redirection 3	-	-	-	-	-	519,829	519,829	Sanitary Sew er Enterprise (Unvoted)
BP Near South Roof Redirection 3	-	-	-	-	-	3,465,525	3,465,525	WPCLF/OWDA
BP Near South Roof Redirection 4	-	-	-	-	-	519,829	519,829	Sanitary Sew er Enterprise (Unvoted)
BP Near South Roof Redirection 4	-	-	-	-	-	3,465,525	3,465,525	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 1	-	-	-	502,000	-	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 1	-	-	-	3,345,000	-	-	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 2	-	-	-	502,000	-	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 2	-	-	-	3,345,000	-	-	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 3	-	-	-	502,000	-	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 3	-	-	-	-	3,345,000	-	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 4	-	-	-	-	502,000	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 4	-	-	-	-	3,345,000	-	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 5	-	-	-	-	502,000	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 5	-	-	-	-	3,345,000	-	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 6	-	-	-	-	502,000	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 6	-	-	-	-	3,345,000	-	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 7	-	-	-	-	502,000	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 7	-	-	-	-	3,345,000	-	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 8	-	-	-	-	502,000	-	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 8	-	-	-	-	-	3,345,000	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 9	-	-	-	-	-	502,000	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 9	-	-	-	-	-	3,345,000	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 10	-	-	-	-	-	502,000	502,000	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - Blueprint Clintonville 3 Project 10	-	-	-	-	-	3,345,000	3,345,000	WPCLF/OWDA
Lateral Lining - Blueprint North Linden 1, Hudson McGuffey	1,316,348	-	-	-	-	-	1,316,348	Voted 2016 Debt - Sanitary Sew er
Lateral Lining - Blueprint North Linden 1, Hudson McGuffey	8,755,650	-	-	-	-	-	8,755,650	WPCLF/OWDA
Lateral Lining - 5th by Northw est, Phase 1	-	-	413,741	-	-	-	413,741	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - 5th by Northw est, Phase 1	-	-	2,758,275	-	-	-	2,758,275	WPCLF/OWDA
Lateral Lining - 5th by Northw est, Phase 2	-	-	413,741	-	-	-	413,741	Sanitary Sew er Enterprise (Unvoted)
Lateral Lining - 5th by Northw est, Phase 2	-	-	2,758,275	-	-	-	2,758,275	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 1	451,000	-	-	-	-	-	451,000	Voted 2016 Debt - Sanitary Sew er
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 1	-	3,005,000	-	-	-	-	3,005,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 2	-	451,000	-	-	-	-	451,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 2	-	3,005,000	-	-	-	-	3,005,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 3	-	451,000	-	-	-	-	451,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 3	-	3,005,000	-	-	-	-	3,005,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 4	-	451,000	-	-	-	-	451,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 4	-	3,005,000	-	-	-	-	3,005,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 5	-	-	452,000	-	-	-	452,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 5	-	-	3,015,000	-	-	-	3,015,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 6	-	-	452,000	-	-	-	452,000	Sanitary Sew er Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 6	-	-	3,015,000	-	-	-	3,015,000	WPCLF/OWDA

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 7	-	-	452,000	-	-	-	452,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 7	-	-	3,015,000	-	-	-	3,015,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 8	-	-	452,000	-	-	-	452,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 8	-	-	3,015,000	-	-	-	3,015,000	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 1	-	-	-	425,000	-	-	425,000	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 1	-	-	-	2,830,000	-	-	2,830,000	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 2	-	-	-	425,000	-	-	425,000	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 2	-	-	-	2,830,000	-	-	2,830,000	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 3	-	-	-	425,000	-	-	425,000	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 3	-	-	-	2,830,000	-	-	2,830,000	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 4	-	-	-	425,000	-	-	425,000	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 4	-	-	-	2,830,000	-	-	2,830,000	WPCLF/OWDA
Blueprint Miller-Kelton Newton / Bedford Lateral Lining Project 1	-	-	315,000	-	-	-	315,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Newton / Bedford Lateral Lining Project 1	-	-	2,100,000	-	-	-	2,100,000	WPCLF/OWDA
Blueprint Miller-Kelton Newton / Bedford Lateral Lining Project 2	-	-	315,000	-	-	-	315,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Newton / Bedford Lateral Lining Project 2	-	-	2,100,000	-	-	-	2,100,000	WPCLF/OWDA
Blueprint Miller-Kelton Fairwood / Kent Lateral Lining Project 3	-	-	525,000	-	-	-	525,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Fairwood / Kent Lateral Lining Project 3	-	-	3,500,000	-	-	-	3,500,000	WPCLF/OWDA
Blueprint Miller-Kelton Fairwood / Kent Lateral Lining Project 4	-	-	525,000	-	-	-	525,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Fairwood / Kent Lateral Lining Project 4	-	-	3,500,000	-	-	-	3,500,000	WPCLF/OWDA
BP Near South Lateral Lining 1	-	-	-	-	482,698	-	482,698	Sanitary Sewer Enterprise (Unvoted)
BP Near South Lateral Lining 1	-	-	-	-	-	3,217,988	3,217,988	WPCLF/OWDA
BP Near South Lateral Lining 2	-	-	-	-	-	482,698	482,698	Sanitary Sewer Enterprise (Unvoted)
BP Near South Lateral Lining 2	-	-	-	-	-	3,217,988	3,217,988	WPCLF/OWDA
BP Near South Lateral Lining 3	-	-	-	-	-	482,698	482,698	Sanitary Sewer Enterprise (Unvoted)
BP Near South Lateral Lining 3	-	-	-	-	-	3,217,988	3,217,988	WPCLF/OWDA
BP Near South Lateral Lining 4	-	-	-	-	-	482,698	482,698	Sanitary Sewer Enterprise (Unvoted)
BP Near South Lateral Lining 4	-	-	-	-	-	3,217,988	3,217,988	WPCLF/OWDA
Mainline Lining - Clintonville 2 Blueprint Area	-	-	675,000	675,000	-	-	1,350,000	Sanitary Sewer Enterprise (Unvoted)
Mainline Lining - Clintonville 2 Blueprint Area	-	-	7,600,000	-	-	-	7,600,000	WPCLF/OWDA
Mainline Lining - North Linden 2 Blueprint Area	-	-	-	-	-	1,250,000	1,250,000	Sanitary Sewer Enterprise (Unvoted)
Mainline Lining - North Linden 2 Blueprint Area	-	-	-	-	-	14,912,895	14,912,895	WPCLF/OWDA
Mainline Lining - Hilltop 2 Blueprint Area	-	-	-	1,145,250	-	-	1,145,250	Sanitary Sewer Enterprise (Unvoted)
Mainline Lining - Hilltop 2 Blueprint Area	-	-	-	-	7,635,302	-	7,635,302	WPCLF/OWDA
Mainline Lining - James Livingston 5 Blueprint Area	-	1,368,948	-	-	-	-	1,368,948	Sanitary Sewer Enterprise (Unvoted)
Mainline Lining - James Livingston 5 Blueprint Area	-	13,689,481	-	-	-	-	13,689,481	WPCLF/OWDA
Mainline Lining - Plum Ridge Blueprint Area	-	228,909	-	-	-	-	228,909	Sanitary Sewer Enterprise (Unvoted)
Mainline Lining - Plum Ridge Blueprint Area	-	2,289,096	-	-	-	-	2,289,096	WPCLF/OWDA
Volunteer Sump Pump Program - Clintonville 2 Blueprint Area	-	-	-	-	1,100,000	-	1,100,000	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint North Linden 1, Phase 3	1,388,625	-	-	-	-	-	1,388,625	Voted 2016 Debt - Sanitary Sewer
Volunteer Sump Pump Program - Blueprint North Linden 1, Phase 4	-	2,082,938	-	-	-	-	2,082,938	Voted 2019 Debt - Sanitary
Volunteer Sump Pump Program "2022"	1,150,000	1,150,000	-	-	-	-	2,300,000	Voted 2019 Debt - Sanitary
Volunteer Sump Pump Program - Blueprint Clintonville 3 Project 2	-	310,328	-	-	-	-	310,328	Voted 2019 Debt - Sanitary
Volunteer Sump Pump Program - Blueprint Clintonville 3 Project 3	-	-	-	-	310,328	-	310,328	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint Clintonville 3 Project 4	-	-	-	-	-	310,328	310,328	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint 5th by Northwest	-	-	-	462,875	-	-	462,875	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint Hilltop 4, Phase 2	925,750	-	-	-	-	-	925,750	Voted 2016 Debt - Sanitary Sewer
Blueprint Hilltop 1 Volunteer Sump Pump Program Project 4	-	-	1,851,500	2,249,573	-	-	4,101,073	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint West Franklinton, Phase 1	-	925,750	-	-	-	-	925,750	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint James Livingston 5, Phase 1	925,750	-	-	-	-	-	925,750	Voted 2016 Debt - Sanitary Sewer
Volunteer Sump Pump Program - Blueprint James Livingston 5, Phase 2	-	-	1,388,625	-	-	-	1,388,625	Sanitary Sewer Enterprise (Unvoted)

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Volunteer Sump Pump Program - Blueprint James Livingston 5, Phase 3	-	-	-	-	1,758,925	-	1,758,925	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller/Kelton Volunteer Sump Pump Program Project 2	-	-	-	1,444,170	-	-	1,444,170	Sanitary Sewer Enterprise (Unvoted)
BP Near South Volunteer Sump Pump 1	-	925,750	-	-	-	-	925,750	Sanitary Sewer Enterprise (Unvoted)
BP Near South Volunteer Sump Pump 2	-	-	-	462,875	-	1,851,500	2,314,375	Sanitary Sewer Enterprise (Unvoted)
Blueprint Professional Construction Management Services	-	2,700,000	2,700,000	1,900,000	1,100,000	-	8,400,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Professional Construction Management Services	1,600,000	-	-	-	-	-	1,600,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Professional Construction Management Services	1,200,000	-	-	-	-	-	1,200,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Hilltop/Miller Kelton Professional Construction Management Services	1,900,000	-	-	-	-	-	1,900,000	Voted 2016 Debt - Sanitary Sewer
Address Hydraulic Issues - Plum Ridge	-	-	-	-	-	43,600	43,600	Sanitary Sewer Enterprise (Unvoted)
Scioto Main Sanitary Pump Stations	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Sanitary Sewer
Scioto Main Sanitary Pump Stations	3,000,000	-	-	-	-	-	3,000,000	WPCLF/OWDA
Brooklyn / Cleveland HSTS Elimination Project	175,000	-	-	-	-	-	175,000	Voted 2016 Debt - Sanitary Sewer
Brooklyn / Cleveland HSTS Elimination Project	1,120,000	-	-	-	-	-	1,120,000	WPCLF/OWDA
Community Park / Maple Canyon HSTS Elimination Project	180,000	-	-	-	-	-	180,000	Voted 2016 Debt - Sanitary Sewer
Community Park / Maple Canyon HSTS Elimination Project	1,000,000	-	-	-	-	-	1,000,000	WPCLF/OWDA
Olentangy River Rd / Snouffer Rd HSTS Elimination Project	-	-	-	-	950,000	800,000	1,750,000	Sanitary Sewer Enterprise (Unvoted)
Sunbury Rd / Mock Rd HSTS Elimination Project	710,000	-	-	-	-	-	710,000	Voted 2016 Debt - Sanitary Sewer
Sunbury Rd / Mock Rd HSTS Elimination Project	4,000,000	-	-	-	-	-	4,000,000	WPCLF/OWDA
Spangler Rd / Williams Rd HSTS Elimination Project	-	-	-	-	-	1,750,000	1,750,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Affordability Update	600,000	-	-	-	-	-	600,000	Voted 2016 Debt - Sanitary Sewer
DOSD Surveillance Lab Equipment	650,000	-	-	-	-	-	650,000	WPCLF/OWDA
<b>Subtotal - SANITARY SEWERS</b>	<b>\$ 437,460,247</b>	<b>\$ 479,683,150</b>	<b>\$ 334,085,701</b>	<b>\$ 346,074,284</b>	<b>\$ 363,999,382</b>	<b>\$ 595,324,120</b>	<b>\$ 2,556,626,884</b>	
<b>ELECTRICITY</b>								
60 UIRF Funded Street Lighting Projects (Urban Infrastructure Recovery Fund)	\$ 505,000	\$ 505,000	\$ 505,000	\$ 505,000	\$ 505,000	\$ 505,000	\$ 3,030,000	Councilmanic SIT Supported
Freeway & Kingshill Street Lighting	1,516,956	-	-	-	-	-	1,516,956	Voted 2016 Debt - Electricity
Morningstar & North Forty Street Lighting	1,243,147	-	-	-	-	-	1,243,147	Voted 2016 Debt - Electricity
Smart Lighting Phase Two	2,239,897	-	-	-	-	-	2,239,897	Voted 2016 Debt - Electricity
<b>Subtotal - ELECTRICITY</b>	<b>\$ 5,505,000</b>	<b>\$ 505,000</b>	<b>\$ 505,000</b>	<b>\$ 505,000</b>	<b>\$ 505,000</b>	<b>\$ 505,000</b>	<b>\$ 8,030,000</b>	
<b>WATER</b>								
Misc. Erosion Control	\$ -	\$ 800,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 1,200,000	Voted 2019 Debt - Water
Misc. Erosion Control	-	-	-	500,000	1,400,000	1,400,000	3,300,000	Water Enterprise (Unvoted)
Misc. Erosion Control - Hoover (Weiss Road)	675,000	-	-	-	-	-	675,000	Voted 2016 Debt - Water
Miscellaneous Water Facilities	100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Water
Miscellaneous Water Facilities	-	100,000	100,000	-	-	-	200,000	Voted 2019 Debt - Water
Miscellaneous Water Facilities	-	-	-	100,000	100,000	100,000	300,000	Water Enterprise (Unvoted)
Distribution Maintenance Area Imp's	-	-	400,000	-	-	-	400,000	Voted 2019 Debt - Water
910 Dublin Road Garage Roof Replacement	-	1,500,000	-	-	-	-	1,500,000	Voted 2019 Debt - Water
Rinehart Public Utilities Complex Exterior Site Improvements - Ph. 2	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
Water Main Rehabilitation	-	1,000,000	-	-	-	-	1,000,000	Voted 2019 Debt - Water
Water Main Rehabilitation	-	-	300,000	300,000	11,000,000	23,000,000	34,600,000	WSRLA Loan
Water Main Rehabilitation	-	-	8,400,000	9,000,000	10,500,000	12,000,000	39,900,000	Water Enterprise (Unvoted)
Atwood Terrace Area WL Imp's	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Atwood Terrace Area WL Imp's	3,500,000	-	-	-	-	-	3,500,000	WSRLA Loan
Greenway Ave. Area WL Imp's	3,650,000	-	-	-	-	-	3,650,000	WSRLA Loan
Aragon Avenue Area Water Line Improvements	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Aragon Avenue Area Water Line Improvements	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Varsity Avenue Area Water Line Improvements (fka #60)	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Varsity Avenue Area Water Line Improvements (fka #60)	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Livingston Ave Phase B W.L. Imp's	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Water
Transite Pipe Replacement	4,650,000	-	-	-	-	-	4,650,000	Voted 2016 Debt - Water
Sunrise Glenn WL Imp's	600,000	-	-	-	-	-	600,000	Voted 2016 Debt - Water

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DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
New ton/Bedford WL Imp's	-	500,000	-	-	-	-	500,000	WSRLA Loan
Brixham Rd. WL Imp's	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Brixham Rd. WL Imp's	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Miller Ave. Area WL Imp's	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Water
Miller Ave. Area WL Imp's	4,200,000	-	-	-	-	-	4,200,000	WSRLA Loan
Roosevelt Ave. Area WL Imp's	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Roosevelt Ave. Area WL Imp's	3,500,000	-	-	-	-	-	3,500,000	WSRLA Loan
Norris Drive Area Water Line Imp's	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Water
Norris Drive Area Water Line Imp's	3,800,000	-	-	-	-	-	3,800,000	WSRLA Loan
Riverview Drive Area Water Line Imp's	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Riverview Drive Area Water Line Imp's	3,350,000	-	-	-	-	-	3,350,000	WSRLA Loan
Saw mill Place Blvd. Area WL Imp's	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Saw mill Place Blvd. Area WL Imp's	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Wellington Blvd Area Water Line Imp's	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Wellington Blvd Area Water Line Imp's	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Lee Ellen Place Area Water Line Imp's	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Water
Lee Ellen Place Area Water Line Imp's	3,500,000	-	-	-	-	-	3,500,000	WSRLA Loan
Bluefield Drive Area Water Line Imp's	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Bluefield Drive Area Water Line Imp's	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Clearview Avenue Area WL Imps (fka #71)	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Clearview Avenue Area WL Imps (fka #71)	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Atlanta Drive Area WL Imps (fka #72)	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Water
Atlanta Drive Area WL Imps (fka #72)	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Elizabeth Ave Area WL Imps (fka #73)	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Water
Elizabeth Ave Area WL Imps (fka #73)	3,500,000	-	-	-	-	-	3,500,000	WSRLA Loan
Lexington Ave. Area Water Line Imp's (fka #74)	-	450,000	-	-	-	-	450,000	Voted 2019 Debt - Water
Lexington Ave. Area Water Line Imp's (fka #74)	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Jermain Dr. Area Water Line Imp's (fka #75)	-	450,000	-	-	-	-	450,000	Voted 2019 Debt - Water
Jermain Dr. Area Water Line Imp's (fka #75)	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Heyl Ave. Area Water Line Imp's (fka #76)	-	500,000	-	-	-	-	500,000	Voted 2016 Debt - Water
Heyl Ave. Area Water Line Imp's (fka #76)	-	3,300,000	-	-	-	-	3,300,000	WSRLA Loan
Athens Ave. & Rumsey Rd. Area WL Imp's (fka #77)	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Athens Ave. & Rumsey Rd. Area WL Imp's (fka #77)	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Kenw ick Rd. Area WL Imp's (fka #78)	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Kenw ick Rd. Area WL Imp's (fka #78)	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Velma Ave. Area WL Imp's (fka #79)	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Velma Ave. Area WL Imp's (fka #79)	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Barnett Road Water Main Imp's	429,232	-	-	-	-	-	429,232	Voted 2016 Debt - Water
Eureka-Fremont Area Water Line Improvements	2,000,000	-	-	-	-	-	2,000,000	WSRLA Loan
Kent-Fairw ood Area Water Line Improvements	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Water
Kent-Fairw ood Area Water Line Improvements	800,000	-	-	-	-	-	800,000	WSRLA Loan
Palmetto/Westgate Water Line Improvements	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Palmetto/Westgate Water Line Improvements	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Cassady Ave. Water Line Improvements	-	28,768	-	-	-	-	28,768	Voted 2016 Debt - Water
Cassady Ave. Water Line Improvements	-	431,232	-	-	-	-	431,232	Voted 2019 Debt - Water
John Glenn Ave Area Water Main Extension	114,000	-	-	-	-	-	114,000	Voted 2016 Debt - Water
Moler St Area WL Improvements	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Water
English Way Water Line Imp's	156,000	-	-	-	-	-	156,000	WSRLA Loan
Project No. 80 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 80 W.M. Replacement	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Project No. 80 W.M. Replacement	-	-	3,500,000	-	-	-	3,500,000	WSRLA Loan

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Project No. 81 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 81 W.M. Replacement	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Project No. 81 W.M. Replacement	-	-	3,500,000	-	-	-	3,500,000	WSRLA Loan
Project No. 82 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 82 W.M. Replacement	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Project No. 82 W.M. Replacement	-	-	3,500,000	-	-	-	3,500,000	WSRLA Loan
5th Ave by North west - Edgehill / Meadow WL Imp's	-	150,000	-	-	-	-	150,000	Voted 2016 Debt - Water
5th Ave by North west - Edgehill / Meadow WL Imp's	-	1,000,000	-	-	-	-	1,000,000	WSRLA Loan
Old Beechwood Private Water Services & Water Line Abandonment	108,000	-	-	-	-	-	108,000	Voted 2016 Debt - Water
Project No.83 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No.83 W.M. Replacement	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Project No.83 W.M. Replacement	-	-	4,000,000	-	-	-	4,000,000	WSRLA Loan
Project No.84 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No.84 W.M. Replacement	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Project No.84 W.M. Replacement	-	-	4,000,000	-	-	-	4,000,000	WSRLA Loan
Project No.85 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No.85 W.M. Replacement	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Project No.85 W.M. Replacement	-	-	4,000,000	-	-	-	4,000,000	WSRLA Loan
Project No.86 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No.86 W.M. Replacement	-	-	-	4,000,000	-	-	4,000,000	WSRLA Loan
Project No.86 W.M. Replacement	-	-	-	500,000	-	-	500,000	Water Enterprise (Unvoted)
Project No.87 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No.87 W.M. Replacement	-	-	-	4,000,000	-	-	4,000,000	WSRLA Loan
Project No.87 W.M. Replacement	-	-	-	500,000	-	-	500,000	Water Enterprise (Unvoted)
Project No.88 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No.88 W.M. Replacement	-	-	-	4,000,000	-	-	4,000,000	WSRLA Loan
Project No.88 W.M. Replacement	-	-	-	500,000	-	-	500,000	Water Enterprise (Unvoted)
Project No.89 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2019 Debt - Water
Project No.89 W.M. Replacement	-	-	-	4,000,000	-	-	4,000,000	WSRLA Loan
Project No.89 W.M. Replacement	-	-	-	500,000	-	-	500,000	Water Enterprise (Unvoted)
Project No.90 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2019 Debt - Water
Project No.90 W.M. Replacement	-	-	-	4,000,000	-	-	4,000,000	WSRLA Loan
Project No.90 W.M. Replacement	-	-	-	500,000	-	-	500,000	Water Enterprise (Unvoted)
Project No.91 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2019 Debt - Water
Project No.91 W.M. Replacement	-	-	-	4,000,000	-	-	4,000,000	WSRLA Loan
Project No.91 W.M. Replacement	-	-	-	500,000	-	-	500,000	Water Enterprise (Unvoted)
Project No.92 W.M. Replacement	-	-	300,000	-	-	-	300,000	Voted 2019 Debt - Water
Project No.92 W.M. Replacement	-	-	-	-	4,000,000	-	4,000,000	WSRLA Loan
Project No.92 W.M. Replacement	-	-	-	-	500,000	-	500,000	Water Enterprise (Unvoted)
Project No.93 W.M. Replacement	-	-	300,000	-	-	-	300,000	Voted 2019 Debt - Water
Project No.93 W.M. Replacement	-	-	-	-	4,000,000	-	4,000,000	WSRLA Loan
Project No.93 W.M. Replacement	-	-	-	-	500,000	-	500,000	Water Enterprise (Unvoted)
Project No. 94 W.M. Replacement	-	-	300,000	-	-	-	300,000	Voted 2019 Debt - Water
Project No. 94 W.M. Replacement	-	-	-	-	4,000,000	-	4,000,000	WSRLA Loan
Project No. 94 W.M. Replacement	-	-	-	-	500,000	-	500,000	Water Enterprise (Unvoted)
Lead Service Line Replacement	650,000	-	-	-	-	-	650,000	Voted 2016 Debt - Water
Lead Service Line Replacement	5,000,000	-	-	-	-	-	5,000,000	WSRLA Loan
O'Shaughnessy Dam FERC Independent Consultant Review	1,500,000	-	-	-	-	-	1,500,000	Voted 2016 Debt - Water
O'Shaughnessy Dam 9th FERC Independent Consultant Review	-	100,000	-	-	-	-	100,000	Voted 2016 Debt - Water
O'Shaughnessy Dam 9th FERC Independent Consultant Review	-	-	100,000	-	-	-	100,000	Voted 2019 Debt - Water
DRWP Miscellaneous Improvements	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Water
DRWP Miscellaneous Improvements	-	125,000	150,000	-	-	-	275,000	Voted 2019 Debt - Water

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2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
DRWP Miscellaneous Improvements	-	-	-	150,000	150,000	150,000	450,000	Water Enterprise (Unvoted)
DRWP Misc. Imp's - Exterior Door and Window Replacement	-	-	-	1,600,000	-	-	1,600,000	Water Enterprise (Unvoted)
DRWP Misc. Imp's - Educational Signage & Displays	-	250,000	-	-	-	-	250,000	Voted 2019 Debt - Water
DRWP Lubricant Storage Building	-	200,000	-	-	-	-	200,000	Voted 2019 Debt - Water
HCWP Misc. Improvements	125,000	-	-	-	-	-	125,000	Voted 2016 Debt - Water
HCWP Misc. Improvements	-	125,000	150,000	-	-	-	275,000	Voted 2019 Debt - Water
HCWP Misc. Improvements	-	-	-	150,000	150,000	150,000	450,000	Water Enterprise (Unvoted)
HCWP Misc Imp's - Raw Water Screen Replacement	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
HCWP Misc Imp's - Raw Water Screen Replacement	-	-	-	-	6,000,000	-	6,000,000	WSRLA Loan
HCWP Misc Imp's - Raw Water Screen Replacement	-	-	-	750,000	600,000	-	1,350,000	Water Enterprise (Unvoted)
HCWP Misc Imp's - Restroom Imp's	-	350,000	-	-	-	-	350,000	Voted 2019 Debt - Water
HCWP Misc. Improvements - Misc. Concrete Improvements	-	-	350,000	-	-	-	350,000	Voted 2019 Debt - Water
HCWP Misc. Improvements - Plant Roadway Improvements	-	-	-	600,000	-	-	600,000	Water Enterprise (Unvoted)
HCWP Misc. Improvements - Roof Improvements	-	-	-	350,000	-	-	350,000	Water Enterprise (Unvoted)
HCWP Misc. Imp's - HCWP Door Lock Imp's	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
PAWP Facility Misc. Improvements	125,000	-	-	-	-	-	125,000	Voted 2016 Debt - Water
PAWP Facility Misc. Improvements	-	125,000	5,000,000	-	-	-	5,125,000	Voted 2019 Debt - Water
PAWP Facility Misc. Improvements	-	-	-	150,000	150,000	150,000	450,000	Water Enterprise (Unvoted)
PAWP Misc. Imp's - Lime Slaker and Soda Ash Feeder Replacement	12,400,000	-	-	-	-	-	12,400,000	WSRLA Loan
PAWP Misc. Imp's - Control Room Renovation	350,000	-	-	-	-	-	350,000	Voted 2016 Debt - Water
PAWP Misc. Imp's - Control Room Renovation	1,500,000	-	-	-	-	-	1,500,000	WSRLA Loan
PAWP Misc. Imp's - Chemical Storage Tank Imp's	-	-	750,000	-	-	-	750,000	Voted 2019 Debt - Water
PAWP Misc. Imp's - Laboratory Renovation	-	2,500,000	-	-	-	-	2,500,000	WSRLA Loan
PAWP Misc. Imp's - Roof Renovations - Part 1	2,250,000	-	-	-	-	-	2,250,000	Voted 2016 Debt - Water
PAWP Misc. Imp's - Roof Renovations - Part 2	-	-	-	-	-	800,000	800,000	Water Enterprise (Unvoted)
McKinley Avenue Quarry Misc. Improvements 2021	-	1,000,000	-	-	-	-	1,000,000	Voted 2016 Debt - Water
Automatic Meter Reading	1,900,000	1,900,000	-	-	-	-	3,800,000	Voted 2016 Debt - Water
Automatic Meter Reading	-	-	1,900,000	-	-	-	1,900,000	Voted 2019 Debt - Water
Automatic Meter Reading	-	-	-	1,900,000	-	-	1,900,000	Water Enterprise (Unvoted)
Watershed Roadway Improvements - Part 6	-	-	-	750,000	-	-	750,000	Water Enterprise (Unvoted)
HCWP Basin Concrete Rehab.	1,500,000	-	-	-	-	-	1,500,000	Voted 2016 Debt - Water
HCWP Pump Improvements	225,000	-	-	-	-	-	225,000	Voted 2016 Debt - Water
HCWP Pump Improvements	-	225,000	225,000	-	-	-	450,000	Voted 2019 Debt - Water
HCWP Pump Improvements	-	-	-	225,000	225,000	225,000	675,000	Water Enterprise (Unvoted)
Water Meter Renew al	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Water
Water Meter Renew al	-	300,000	300,000	-	-	-	600,000	Voted 2019 Debt - Water
Water Meter Renew al	-	-	-	2,500,000	3,000,000	3,000,000	8,500,000	Water Enterprise (Unvoted)
Valve Renew al Program	-	2,000,000	-	-	-	-	2,000,000	Voted 2016 Debt - Water
Valve Renew al Program	-	-	-	2,000,000	-	2,000,000	4,000,000	Water Enterprise (Unvoted)
Watershed Misc. Improv. Facilities	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Watershed Misc. Improv. Facilities	-	175,000	125,000	-	-	-	300,000	Voted 2019 Debt - Water
Watershed Misc. Improv. Facilities	-	-	-	125,000	150,000	150,000	425,000	Water Enterprise (Unvoted)
Griggs Dam - Spillway, Abutment and Scour Mitigation Imp's	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
Hoover Dam Imp's - Part 2	700,000	-	-	-	-	-	700,000	Voted 2016 Debt - Water
Hoover Dam Imp's - Part 2	-	7,850,000	-	-	-	-	7,850,000	Voted 2019 Debt - Water
Watershed Misc. Imp's - Hoover Maintenance Complex Fuel System	-	-	-	750,000	-	-	750,000	Water Enterprise (Unvoted)
Watershed Misc. Imps. - Griggs Dam Misc. Concrete Repair	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Watershed Protection Easements	50,000	50,000	-	-	-	-	100,000	Voted 2016 Debt - Water
Watershed Protection Easements	-	-	50,000	-	-	-	50,000	Voted 2019 Debt - Water
Watershed Protection Easements	-	-	-	50,000	50,000	50,000	150,000	Water Enterprise (Unvoted)
O'Shaughnessy Hydroelectric Imps	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Water



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DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Gen'l Eng Svcs - Supply Group 2021A	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Gen'l Eng Svcs - Supply Group 2021A	-	400,000	-	-	-	-	400,000	Voted 2019 Debt - Water
Gen'l Eng Svcs - Supply Group 2021B	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Gen'l Eng Svcs - Supply Group 2021B	-	400,000	-	-	-	-	400,000	Voted 2019 Debt - Water
Gen'l Eng Svcs - Supply Group 2024A	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Gen'l Eng Svcs - Supply Group 2024A	-	-	-	450,000	450,000	-	900,000	Water Enterprise (Unvoted)
Gen'l Eng Svcs - Supply Group 2024B	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Gen'l Eng Svcs - Supply Group 2024B	-	-	-	450,000	450,000	-	900,000	Water Enterprise (Unvoted)
O'Shaughnessy Gatehouse Misc. Imp's	1,500,000	-	-	-	-	-	1,500,000	Voted 2016 Debt - Water
Misc. Booster Station and Water Tank Imp's	-	1,500,000	1,500,000	-	-	-	3,000,000	Voted 2019 Debt - Water
Misc. Booster Station and Water Tank Imp's	-	-	-	1,500,000	1,500,000	1,500,000	4,500,000	Water Enterprise (Unvoted)
East Broad Tanks Valve Replacement	575,000	-	-	-	-	-	575,000	Voted 2016 Debt - Water
Indianola Booster Station Demolition	100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Water
Stelzer Road PRV	900,000	-	-	-	-	-	900,000	Voted 2016 Debt - Water
Water Storage Tank Painting	-	2,050,000	-	-	-	-	2,050,000	Voted 2016 Debt - Water
Water Storage Tank Painting	-	-	2,050,000	-	-	-	2,050,000	Voted 2019 Debt - Water
Water Storage Tank Painting	-	-	-	2,050,000	2,600,000	2,600,000	7,250,000	Water Enterprise (Unvoted)
HCWP Hypochlorite Disinfection Improvements	-	1,000,000	-	-	-	-	1,000,000	Voted 2016 Debt - Water
PAWP Hypochlorite Disinfection Improvements	23,200,000	-	-	-	-	-	23,200,000	WSRLA Loan
HCWP Window Replacement	-	-	-	-	-	550,000	550,000	Water Enterprise (Unvoted)
Fourth Water Plant Transmission Main	-	7,500,000	-	-	-	-	7,500,000	Voted 2019 Debt - Water
Fourth Water Plant Transmission Main	-	-	-	150,000,000	-	-	150,000,000	WSRLA Loan
Fourth Water Plant Transmission Main	-	-	-	22,500,000	-	-	22,500,000	Water Enterprise (Unvoted)
Broadview Road 30-Inch Transmission Main	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Broadview Road 30-Inch Transmission Main	-	300,000	500,000	-	-	-	800,000	Voted 2019 Debt - Water
Broadview Road 30-Inch Transmission Main	-	-	-	-	8,000,000	-	8,000,000	WSRLA Loan
Broadview Road 30-Inch Transmission Main	-	-	-	-	1,250,000	-	1,250,000	Water Enterprise (Unvoted)
Hudson Road / Arcadia Avenue 24-Inch Transmission Main	-	-	250,000	-	-	-	250,000	Voted 2019 Debt - Water
Hudson Road / Arcadia Avenue 24-Inch Transmission Main	-	-	-	-	4,500,000	-	4,500,000	WSRLA Loan
Hudson Road / Arcadia Avenue 24-Inch Transmission Main	-	-	-	500,000	700,000	-	1,200,000	Water Enterprise (Unvoted)
HCWP Sludge Line Replacement - Part 2	-	-	-	-	750,000	1,750,000	2,500,000	Water Enterprise (Unvoted)
Water Main Repair	1,250,000	-	-	-	-	-	1,250,000	Voted 2016 Debt - Water
Water Main Repair	-	-	1,250,000	-	-	-	1,250,000	Voted 2019 Debt - Water
Water Main Repair	-	-	-	-	1,250,000	-	1,250,000	Water Enterprise (Unvoted)
Water Distribution System SCADA Improvements	150,000	-	-	-	-	-	150,000	Voted 2016 Debt - Water
Water Distribution System SCADA Improvements	-	2,325,000	-	-	-	-	2,325,000	Voted 2019 Debt - Water
DRWP Laboratory Upgrades	2,000,000	-	-	-	-	-	2,000,000	WSRLA Loan
Fire Hydrant Repairs (non R & R)	1,250,000	-	-	-	-	-	1,250,000	Voted 2016 Debt - Water
Fire Hydrant Repairs (non R & R)	-	-	1,250,000	-	-	-	1,250,000	Voted 2019 Debt - Water
Fire Hydrant Repairs (non R & R)	-	-	-	-	1,250,000	-	1,250,000	Water Enterprise (Unvoted)
Gen'l Engineering Services - Distribution Group	-	-	-	600,000	600,000	600,000	1,800,000	Water Enterprise (Unvoted)
2023 - 2025 Gen'l Engineering Services - Distribution Group	600,000	-	-	-	-	-	600,000	Voted 2016 Debt - Water
2023 - 2025 Gen'l Engineering Services - Distribution Group	-	600,000	600,000	-	-	-	1,200,000	Voted 2019 Debt - Water
Morse District 2 MG Elevated Storage Tank	-	250,000	750,000	-	-	-	1,000,000	Voted 2019 Debt - Water
Morse District 2 MG Elevated Storage Tank	-	-	-	-	9,000,000	-	9,000,000	WSRLA Loan
Morse District 2 MG Elevated Storage Tank	-	-	-	-	1,000,000	-	1,000,000	Water Enterprise (Unvoted)
Parsons District 2 MG Elevated Water Storage Tank	-	-	-	250,000	750,000	-	1,000,000	Water Enterprise (Unvoted)
Condition Assessment Program	-	1,500,000	-	-	-	-	1,500,000	Voted 2019 Debt - Water
Condition Assessment Program	-	-	-	1,500,000	-	1,500,000	3,000,000	Water Enterprise (Unvoted)
Residuals Management Plan Update - Pt. 2	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Residuals Management Plan Update - Pt. 2	-	300,000	300,000	-	-	-	600,000	Voted 2019 Debt - Water
Water Treatment Residuals Turnkey Dewatering Services	46,000,000	-	-	-	-	-	46,000,000	WSRLA Loan

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
General Architectural Services - Division of Water 2021	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
General Architectural Services - Division of Water 2021	-	300,000	-	-	-	-	300,000	Voted 2019 Debt - Water
General Architectural Services - CT4	-	-	-	400,000	400,000	400,000	1,200,000	Water Enterprise (Unvoted)
General CA/CI for Water Projects	-	-	-	250,000	250,000	250,000	750,000	Water Enterprise (Unvoted)
General Construction (CA-CI) for 2023, 2024, 2025	250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Water
General Construction (CA-CI) for 2023, 2024, 2025	-	250,000	250,000	-	-	-	500,000	Voted 2019 Debt - Water
Plant Drain & Water System Imp's	750,000	-	-	-	-	-	750,000	Voted 2016 Debt - Water
Plant Drain & Water System Imp's	7,500,000	-	-	-	-	-	7,500,000	WSRLA Loan
PAWP Plant Drain & Water System Imp's	750,000	-	-	-	-	-	750,000	WSRLA Loan
Laboratory Upgrades	-	350,000	-	-	-	-	350,000	Voted 2019 Debt - Water
Dam Engineering Services (DES)	150,000	-	-	-	-	-	150,000	Voted 2016 Debt - Water
Dam Engineering Services (DES) CT2	-	150,000	150,000	-	-	-	300,000	Voted 2019 Debt - Water
Dam Engineering Services (DES) CT2	-	-	-	150,000	-	-	150,000	Water Enterprise (Unvoted)
Dam Engineering Services (DES) CT3	-	-	-	-	200,000	200,000	400,000	Water Enterprise (Unvoted)
DRWP Auxiliary Pump Station Imp's	-	800,000	-	-	-	-	800,000	Voted 2019 Debt - Water
DRWP Auxiliary Pump Station Imp's	-	-	-	5,500,000	-	-	5,500,000	Water Enterprise (Unvoted)
PAWP Building Improvements	-	-	-	-	250,000	450,000	700,000	Water Enterprise (Unvoted)
HCWP Clearwell Improvements	-	-	-	-	-	100,000	100,000	Water Enterprise (Unvoted)
PAWP Lagoon Sludge Removal	-	-	-	250,000	250,000	-	500,000	Water Enterprise (Unvoted)
DRWP Automation Upgrade	2,600,000	-	-	-	-	-	2,600,000	Voted 2016 Debt - Water
PAWP Remote Site Improvements	-	-	-	-	-	250,000	250,000	Water Enterprise (Unvoted)
Elevator Improvements	-	400,000	-	-	-	-	400,000	Voted 2019 Debt - Water
Watershed Signage Master Plan	250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Water
Watershed Signage Master Plan	-	100,000	150,000	-	-	-	250,000	Voted 2019 Debt - Water
DOW Risk Mitigation Measure Upgrades	-	-	-	600,000	1,000,000	1,000,000	2,600,000	Water Enterprise (Unvoted)
DOW LIMS Upgrade	600,000	-	-	-	-	-	600,000	Voted 2016 Debt - Water
Electrical Power System Studies	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Water
Electrical Power System Studies	-	300,000	-	-	-	-	300,000	Voted 2019 Debt - Water
DOW Safety Improvements	2,050,000	-	-	-	-	-	2,050,000	Voted 2016 Debt - Water
DRWP Intake Screen Replacement	-	-	-	-	-	300,000	300,000	Water Enterprise (Unvoted)
DRWP Caustic Feed Improvements	250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Water
DRWP Caustic Feed Improvements	800,000	-	-	-	-	-	800,000	WSRLA Loan
PAWP Treatment Residuals Disposal Improvements	2,250,000	-	-	-	-	-	2,250,000	Voted 2016 Debt - Water
PAWP Treatment Residuals Disposal Improvements	-	3,000,000	-	-	-	-	3,000,000	Voted 2019 Debt - Water
PAWP Treatment Residuals Disposal Improvements	45,000,000	-	-	-	-	-	45,000,000	WSRLA Loan
PAWP Wellfield Development	700,000	-	-	-	-	-	700,000	Voted 2016 Debt - Water
PAWP Wellfield Development	-	8,000,000	-	-	-	-	8,000,000	WSRLA Loan
DOW Perimeter Fence Improvements	-	750,000	-	-	-	-	750,000	Voted 2019 Debt - Water
Large Diameter Valve Replacement	-	-	-	-	3,000,000	-	3,000,000	WSRLA Loan
Large Diameter Valve Replacement	-	-	-	250,000	200,000	-	450,000	Water Enterprise (Unvoted)
Upground Reservoir Embankment Repairs	-	500,000	-	-	-	-	500,000	Voted 2016 Debt - Water
Watershed Boathouse Improvements	-	-	-	250,000	950,000	-	1,200,000	Water Enterprise (Unvoted)
Professional Construction Management (PCM) - 2018	3,000,000	1,000,000	-	-	-	-	4,000,000	Voted 2016 Debt - Water
Professional Construction Management (PCM) - 2020	-	7,500,000	6,000,000	-	-	-	13,500,000	Voted 2019 Debt - Water
Professional Construction Management (PCM) - 2020	-	-	-	3,000,000	-	-	3,000,000	Water Enterprise (Unvoted)
Professional Construction Management (PCM) - 2023	3,500,000	-	-	-	-	-	3,500,000	Voted 2016 Debt - Water
Professional Construction Management (PCM) - 2023	-	8,000,000	12,000,000	-	-	-	20,000,000	Voted 2019 Debt - Water
Professional Construction Management (PCM) - 2023	-	-	-	9,000,000	3,000,000	-	12,000,000	Water Enterprise (Unvoted)
Professional Construction Management (PCM) - 2026	-	-	-	12,000,000	12,000,000	9,000,000	33,000,000	Water Enterprise (Unvoted)
Large Diameter Valve Replacement Program	-	1,000,000	-	-	-	-	1,000,000	Voted 2016 Debt - Water
Large Diameter Valve Replacement Program	-	-	-	1,000,000	-	1,000,000	2,000,000	Water Enterprise (Unvoted)

## Capital Improvements Program

2023 - 2028 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2023	2024	2025	2026	2027	2028	Total Budget	Funding Source
Large Diameter Valve Replacement Part 3	4,150,000	-	-	-	-	-	4,150,000	Voted 2016 Debt - Water
PAWP Filter Console Replacement	-	-	-	-	400,000	250,000	650,000	Water Enterprise (Unvoted)
Pickaway County Wellfield Development	-	-	-	1,300,000	2,500,000	1,250,000	5,050,000	Water Enterprise (Unvoted)
PAWP Wellfield Development - Well #XXX	-	3,250,000	18,768	-	-	-	3,268,768	Voted 2019 Debt - Water
PAWP Wellfield Development - Well #XXX	-	-	-	10,000,000	-	-	10,000,000	WSRLA Loan
PAWP Wellfield Development - Well #XXX	-	-	1,481,232	1,500,000	-	-	2,981,232	Water Enterprise (Unvoted)
Fourth Water Plant	4,000,000	-	-	-	-	-	4,000,000	Voted 2016 Debt - Water
Fourth Water Plant	-	24,000,000	-	-	-	-	24,000,000	Voted 2019 Debt - Water
Fourth Water Plant	-	-	200,000,000	-	-	-	200,000,000	WSRLA Loan
Fourth Water Plant	-	-	24,000,000	-	6,000,000	500,000	30,500,000	Water Enterprise (Unvoted)
HCWP Polymer Feed Improvements	-	-	200,000	-	-	-	200,000	Voted 2019 Debt - Water
HCWP Polymer Feed Improvements	-	-	-	-	2,500,000	-	2,500,000	WSRLA Loan
HCWP Polymer Feed Improvements	-	-	-	350,000	250,000	-	600,000	Water Enterprise (Unvoted)
PAWP Electrical Improvements	-	-	-	-	-	250,000	250,000	Water Enterprise (Unvoted)
PAWP Pump Improvements	150,000	-	-	-	-	-	150,000	Voted 2016 Debt - Water
PAWP Pump Improvements	-	150,000	150,000	-	-	-	300,000	Voted 2019 Debt - Water
PAWP Pump Improvements	-	-	-	150,000	150,000	150,000	450,000	Water Enterprise (Unvoted)
Merchant Road Property Demolition	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Water
HCWP Caustic System Improvements	-	-	-	-	500,000	-	500,000	Water Enterprise (Unvoted)
HCWP Laboratory Improvements	-	-	-	-	900,000	-	900,000	Water Enterprise (Unvoted)
DRWP Pump Improvements	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Water
DRWP Pump Improvements	-	200,000	200,000	-	-	-	400,000	Voted 2019 Debt - Water
DRWP Pump Improvements	-	-	-	200,000	200,000	200,000	600,000	Water Enterprise (Unvoted)
DRWP Filter Flow Control Improvements	-	-	-	-	-	600,000	600,000	Water Enterprise (Unvoted)
HCWP Softening Basin Sludge Removal Improvements	-	-	300,000	-	-	-	300,000	Voted 2019 Debt - Water
HCWP Softening Basin Sludge Removal Improvements	-	-	-	-	6,500,000	-	6,500,000	WSRLA Loan
HCWP Softening Basin Sludge Removal Improvements	-	-	-	700,000	1,000,000	-	1,700,000	Water Enterprise (Unvoted)
HCWP LOX Piping Improvements	-	100,000	-	-	-	-	100,000	Voted 2019 Debt - Water
HCWP Filter Building Concrete Improvements	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
<b>Subtotal - WATER</b>	<b>\$ 264,232,232</b>	<b>\$ 113,510,000</b>	<b>\$ 310,650,000</b>	<b>\$ 275,600,000</b>	<b>\$ 123,425,000</b>	<b>\$ 69,325,000</b>	<b>\$ 1,156,742,232</b>	
<b>Grand Total</b>	<b>\$954,269,299</b>	<b>\$979,915,275</b>	<b>\$789,084,678</b>	<b>\$768,656,784</b>	<b>\$628,224,382</b>	<b>\$791,509,120</b>	<b>\$4,911,659,538</b>	

2023-2028 CAPITAL IMPROVEMENTS PROGRAM							
FUNDING SUMMARY BY DIVISION							
DIVISION	2023	2024	2025	2026	2027	2028	Total Budget
Dev Administration	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	\$ 15,600,000
Housing	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	10,800,000
Construction Management	8,690,000	178,690,000	8,690,000	8,690,000	8,690,000	8,690,000	222,140,000
Fleet Management	1,000,000	800,000	800,000	800,000	800,000	800,000	5,000,000
Police	29,680,000	1,680,000	1,680,000	1,680,000	1,680,000	1,680,000	38,080,000
Fire	22,320,000	7,320,000	7,320,000	7,320,000	7,320,000	7,320,000	58,920,000
Transportation	61,105,000	43,105,000	43,105,000	43,105,000	43,105,000	43,105,000	276,630,000
Refuse Collection	6,080,000	6,080,000	6,080,000	6,080,000	6,080,000	6,080,000	36,480,000
Storm Sewer	56,571,820	103,812,125	32,158,977	31,532,500	27,850,000	24,050,000	275,975,422
Sanitary Sewers	437,460,247	479,683,150	334,085,701	346,074,284	363,999,382	595,324,120	2,556,626,884
Electricity	5,505,000	505,000	505,000	505,000	505,000	505,000	8,030,000
Water	264,232,232	113,510,000	310,650,000	275,600,000	123,425,000	69,325,000	1,156,742,232
Recreation and Parks	52,780,000	32,780,000	32,780,000	32,780,000	32,780,000	22,780,000	206,680,000
DoT Administration	4,445,000	7,550,000	6,830,000	10,090,000	7,590,000	7,450,000	43,955,000
<b>Total</b>	<b>\$ 954,269,299</b>	<b>\$ 979,915,275</b>	<b>\$ 789,084,678</b>	<b>\$ 768,656,784</b>	<b>\$ 628,224,382</b>	<b>\$ 791,509,120</b>	<b>\$ 4,911,659,538</b>

## Capital Improvements Program

2023-2028 CAPITAL IMPROVEMENTS PROGRAM							
FUNDING SUMMARY BY SOURCE							
FUNDING SOURCE	2023	2024	2025	2026	2027	2028	Total Budget
WSRLA Loan	\$ 203,106,000	\$ 21,300,000	\$ 231,800,000	\$ 184,300,000	\$ 62,500,000	\$ 23,000,000	\$ 726,006,000
Voted 2016 Debt - Water	61,126,232	12,178,768	-	-	-	-	73,305,000
Voted 2019 SIT Supported	172,965,000	119,815,000	44,105,000	44,105,000	10,555,000	1,000,000	392,545,000
Information Services	4,445,000	7,550,000	6,830,000	10,090,000	7,590,000	7,450,000	43,955,000
Councilmanic SIT Supported	12,595,000	144,745,000	50,455,000	50,455,000	84,005,000	93,560,000	435,815,000
Voted 2016 Debt - Sanitary Sewer	91,890,000	-	-	-	-	-	91,890,000
Voted 2016 Debt - Electricity	5,000,000	-	-	-	-	-	5,000,000
Fleet Management (Unvoted)	1,000,000	800,000	800,000	800,000	800,000	800,000	5,000,000
Sanitary Sewer Enterprise (Unvoted)	-	44,778,130	143,441,325	79,593,294	106,175,080	93,708,173	467,696,002
Storm Sewer Enterprise (Unvoted)	5,989,820	18,242,125	8,358,977	6,550,000	8,000,000	7,800,000	54,940,922
Councilmanic (To Be Determined)	-	10,000,000	10,000,000	10,000,000	10,000,000	-	40,000,000
WPCLF/OWDA	341,969,690	449,987,577	214,444,376	291,463,490	277,674,302	517,865,947	2,093,405,382
Voted 2016 Debt - Storm	24,670,000	-	-	-	-	-	24,670,000
Water Enterprise (Unvoted)	-	-	33,881,232	91,300,000	60,925,000	46,325,000	232,431,232
Voted 2019 Debt - Water	-	80,031,232	44,968,768	-	-	-	125,000,000
Voted 2019 Debt - Sanitary	29,512,557	70,487,443	-	-	-	-	100,000,000
<b>Total</b>	<b>\$ 954,269,299</b>	<b>\$ 979,915,275</b>	<b>\$ 789,084,678</b>	<b>\$ 768,656,784</b>	<b>\$ 628,224,382</b>	<b>\$ 791,509,120</b>	<b>\$ 4,911,659,538</b>

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# PROPOSED 2023 CAPITAL IMPROVEMENT BUDGET

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## **Police**

**Project Name:** Police Facility Renovations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,680,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal  
**Project Description:** Continued renovation of existing facilities to maximize their use. When possible, funds are used to reduce the operating costs of the facility.

---

**Project Name:** Public Safety Technology  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$20,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Significant increase for personnel, utilities, technology and general maintenance.  
**Project Description:** This is funding for the Real Time Crime Center as well as the 911 Emergency Communications Center (911 ECC) and Emergency Operations Center (EOC).

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**Project Name:** Police Substation – Hilltop Area (Sullivant Ave.)  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$8,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal  
**Project Description:** This is funding for construction of new Substation 19.

**Police subtotal - \$29,680,000**

## **Fire**

**Project Name:** Fire Facility Renovation  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,320,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal  
**Project Description:** Continued renovation and improvements to existing fire facilities.

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**Project Name:** Fire Station #36  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$15,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Significant increase for personnel.  
**Project Description:** These are funds for a new Fire Station at College and Harlem Road in the far NE of Columbus, an area of substantial growth in both residential and commercial real estate.

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## Capital Improvements Program

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**Project Name:** Fire Apparatus Replacement  
**Type:** Recurring  
**Estimated 2023 Cost:** \$6,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal  
**Project Description:** Funds used to replace the aging fleet of heavy fire equipment. Apparatus eligible for capital replacement includes platform ladders, medic vehicles, and fire engines.

**Fire subtotal - \$22,320,000**

**Public Safety Total - \$52,000,000**



## **Development**

### **Development Administration**

**Project Name:** Economic & Community Development  
**Type:** Recurring  
**Estimated 2023 Cost:** \$250,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funds used for land acquisition and infrastructure redevelopment in various areas of the city to promote business growth and spur additional community investment.

---

**Project Name:** Housing Preservation  
**Type:** Recurring  
**Estimated 2023 Cost:** \$2,000,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funds used to aid in the prevention, acquisition, rehabilitation, and demolition components of the Housing Preservation programs.

---

**Project Name:** Emergency Shelter Repair  
**Type:** Recurring  
**Estimated 2023 Cost:** \$350,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funds granted to aid homeless shelters throughout the city with various capital repairs. Shelters are selected on an annual basis.

**Development Administration subtotal - \$2,600,000**

### **Housing**

**Project Name:** Affordable Housing Funds  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funds dedicated to community partnerships to increase the number of affordable housing units throughout the city.

---

**Project Name:** Critical Home Repair  
**Type:** Recurring  
**Estimated 2023 Cost:** \$800,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Grants to homeowners for repairs necessary to keep their houses safe, dry and sanitary.

**Housing subtotal - \$1,800,000**

**Development Total - \$4,400,000**

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## **Finance and Management**

### **Construction Management**

**Project Name:** Facility Renovations – Project Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$675,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to aid in the allocation of resources to various projects.

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**Project Name:** Facility Renovations – Various  
**Type:** Recurring  
**Estimated 2023 Cost:** \$3,515,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** Minimal to moderate reduction in preventative maintenance costs  
**Project Description:** Funding to provide for capital improvements on city owned buildings. Funds may be used for, but are not limited to, building infrastructure upgrades and interior and exterior facility renovations.

---

**Project Name:** Construction Management – Design and Project Management Services  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for architectural design services for current and future construction projects as well as additional project management needs.

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**Project Name:** Construction Management – General Contracting and Small Scale Renovation  
**Type:** Recurring  
**Estimated 2023 Cost:** \$500,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide for capital improvements on city owned buildings in a small scale capacity.

---

**Project Name:** Municipal Campus Renovations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$3,000,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide for various capital improvements to maintain the municipal campus buildings and facilities.

**Construction Management subtotal - \$8,690,000**

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**Fleet Management**

**Project Name:** Fleet Automated Fuel Location Upgrades  
**Type:** Recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Fleet Management G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Renovation, remediation, removal, and replacement of citywide fueling infrastructure, including fuel tanks, fuel storage, and dispensing units.

---

**Project Name:** Fleet Equipment Replacement  
**Type:** Recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Fleet Management G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Periodic replacement of aging equipment.

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**Project Name:** Fuel Tank Management  
**Type:** Recurring  
**Estimated 2023 Cost:** \$800,000  
**Funding Source:** Fleet Management G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Remediation, removal, and replacement of fuel tanks.

**Fleet Management subtotal - \$1,000,000**

**Finance and Management Total - \$9,690,000**

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## **Technology**

**Project Name:** Data Center Facility Upgrades  
**Type:** Recurring  
**Estimated 2023 Cost:** \$200,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funds to upgrade the city's data center infrastructures required to move from Tier I to Tier III service level status.

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**Project Name:** Connectivity Project Fiber/Wireless  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funds to continue installing fiber optic laterals which will connect city facilities to the fiber network backbone.

---

**Project Name:** Enterprise System Upgrades  
**Type:** Recurring  
**Estimated 2023 Cost:** \$650,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Replacement of the existing server architecture, storage, and backup solutions currently utilized.

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**Project Name:** E-Gov Initiatives  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$250,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** Minimal  
**Project Description:** System upgrades to the current content management systems and the public facing websites.

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**Project Name:** Media Services Equipment and Infrastructure  
**Type:** Recurring  
**Estimated 2023 Cost:** \$25,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Purchase of equipment and installation of video production equipment to increase the ability to provide coverage of public events.

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**Project Name:** Network Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$600,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** Minimal decrease  
**Project Description:** Replacement of end of life equipment related to network routers/switches, wireless controllers/access points, and the uninterruptable power supply.

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## Capital Improvements Program

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**Project Name:** Telephony and Interactive Voice Response (IVR) Infrastructure Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$830,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to continue the upgrades of the current IVR system to keep it within industry standards to provide optimum service and a more streamlined business process.

---

**Project Name:** Enterprise System Upgrades – Security Program  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide ongoing security controls protecting and maintaining the confidentiality, integrity, and availability of sensitive and protected information.

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**Project Name:** Enterprise System Upgrades – Applications & GIS  
**Type:** Recurring  
**Estimated 2023 Cost:** \$590,000  
**Funding Source:** Information Services G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to allow for continuous and multi-year assessments, reviews, and upgrades of the Enterprise GIS system and other Enterprise Applications.

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**Technology Total - \$4,445,000**

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## **Recreation and Parks**

**Project Name:** Urban Infrastructure Projects  
**Type:** Recurring  
**Estimated 2023 Cost:** \$753,200  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities and equipment. Improved efficiencies offset some increases  
**Project Description:** Funds used for park improvements and development in urban locations. Specific parks and projects are selected for funding on an annual basis via community requests.

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**Project Name:** Facility Renovations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$30,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities and equipment at existing sites; increase for operating funding at new aquatics center for staff, supplies, services, and equipment annually.  
**Project Description:** Funding to support the Community Sports Park Project and related improvements at various sites throughout the city, including a new indoor aquatics center.

---

**Project Name:** Renovations – Miscellaneous Improvements and Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$2,136,800  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities and equipment. Improved efficiencies offset some increases.  
**Project Description:** Improvements and renovations to existing parks, facilities, and amenities. An ongoing annual determination is made to allocate funding based on need and priorities.

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**Project Name:** Facility Assessment Implementation  
**Type:** Recurring  
**Estimated 2023 Cost:** \$4,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Significant decrease in utility payments expected for energy efficiency upgrades system-wide.  
**Project Description:** Necessary improvements based on a system-wide assessment done to identify issues impacting efficiency (HVAC, lighting, etc.), structural integrity, and programming within existing facilities.

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**Project Name:** Hard Surface Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Annual improvement and replacement of existing hard surface areas. Funding also is used to add new hard surface amenities including, but not limited to, sidewalks, parking lots, walking trails, tennis courts, and basketball courts.

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## Capital Improvements Program

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**Project Name:** Roof Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Replacement and renovation of roofs located at existing facilities.

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**Project Name:** Maintenance Equipment - Parks  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Purchase of new equipment to provide for the maintenance of existing parkland and facilities.

---

**Project Name:** Street Trees – Green Initiative  
**Type:** Recurring  
**Estimated 2023 Cost:** \$850,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Increase for maintenance of additional trees  
**Project Description:** Funds to increase the urban tree canopy and help reduce stormwater runoff.

---

**Project Name:** Safe Playgrounds  
**Type:** Recurring  
**Estimated 2023 Cost:** \$650,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new playground equipment  
**Project Description:** Funding to provide safe and accessible playgrounds throughout the city. Funds are used in the construction of new playgrounds and the replacement of older equipment.

---

**Project Name:** New Development – Miscellaneous Improvements and Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$5,467,200  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities, equipment, and parkland  
**Project Description:** Funding to provide for the development of new parks and the expansion of facilities and amenities.

---

**Project Name:** Acquisition – Miscellaneous Acquisition and Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,594,600  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new parkland  
**Project Description:** Purchase of land and property in underserved areas, for conservation, and to expand the existing park system.

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## Capital Improvements Program

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**Project Name:** Small Scale Capital Improvements – Golf, Sports, Permits & Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,594,600  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities and equipment. Improved efficiencies offset some increases.  
**Project Description:** Improvements to existing golf, sports, and permitted rental facilities to keep them safe, user friendly, and competitive in the marketplace.

---

**Project Name:** Large Scale Capital Investments and Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,139,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities, facilities, and equipment. Improved efficiencies offset some increases.  
**Project Description:** Large scale improvements to existing golf, sports, and permitted rental facilities. Funding is also used for the construction of new golf, sports, and permitted rental facilities.

---

**Project Name:** Emergency Improvements and Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$911,200  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities, facilities, and equipment. Improved efficiencies offset some increases.  
**Project Description:** Funding for unforeseen items such as replacing a major component, repairing a major structural part of an asset, updating design flaws, increasing the capacity or efficiency of an asset, or adapting something to a new use as a result of the improvements.

---

**Project Name:** Opportunity Projects and Cost Allocations  
**Type:** Recurring  
**Estimated 2023 Cost:** \$683,400  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase for maintenance of new amenities, facilities, and equipment. Improved efficiencies offset some increases.  
**Project Description:** Funding for high priority opportunities that are unanticipated and time-sensitive, aligning with strategic goals.

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**Recreation and Parks Total - \$52,780,000**

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## **Public Service**

### **Transportation**

**Project Name:** Urban Infrastructure Recovery  
**Type:** Recurring  
**Estimated 2023 Cost:** \$5,651,813  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding established for capital improvements targeted in the older commercial and residential areas of the city. Improvements may include street rehabilitation, alley improvements, curb installations, sidewalk installations and replacements, street lighting, and resurfacing.

---

**Project Name:** Vision Zero Action Plan Implementation and Roadway Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$5,581,794  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Implementation of the Vision Zero Action Plan to achieve Safe Streets, Safe Speeds, Safe People, and Safe Vehicles. Tasks may include traffic studies, data analysis, design, outreach, communications, and education strategies as part of the implementation of the Vision Zero Action Plan Strategies.

---

**Project Name:** Neighborhood Commercial Revitalization (NCR)  
**Type:** Recurring  
**Estimated 2023 Cost:** \$2,500,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The NCR Program, a redevelopment partnership between the city, local area merchants and developers, builds upon the economic base of these areas to create an environment conducive to business growth and expansion by offering financial incentives to business owners, constructing public improvements, and strengthening the business association. A variety of projects will be designed as part of this program, consisting of work that would be performed within the public right-of-way, most commonly streetscape improvement.

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**Project Name:** Resurfacing  
**Type:** Recurring  
**Estimated 2023 Cost:** \$20,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** To perform mill/resurface, partial/full-depth pavement repairs, ADA ramp upgrades, curb repair, and pavement marking and loop detector replacement. Preventive maintenance activities consist of crack sealing, slurry sealing, chip sealing, and micro-surfacing.

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## Capital Improvements Program

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**Project Name:** Bridge Rehabilitation  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,900,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** **Long Street (U) CSX & US-33 (U) NS Railroad** - Rehabilitate CSX railroad bridge over West Long Street and NS railroad bridge over US-33 by painting steel superstructure, patching and sealing concrete abutments, and other miscellaneous improvements.  
**Front Street and Nationwide Boulevard over Railroad Tunnel** - This project is for the rehabilitation of the Front Street and Nationwide Boulevard bridges over the railroad tunnel in downtown. The project will include deck replacements, conversion of the bridge abutments to semi-integral, painting of the superstructures, approach slab replacements, and joint replacements.

---

**Project Name:** Bridge Rehabilitation – Annual Rehabilitation and Review  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,471,393  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This work includes design and construction work such as replacement of expansion joints, full and partial depth deck replacement, deck patching, micro-silica concrete overlay, sidewalk and curb patching, patching of wingwalls, and other rehabilitation and reconstruction to city bridges.

---

**Project Name:** LinkUS – Northwest Corridor  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$18,000,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide a multi-modal vision for a major growth corridor in Central Ohio. The extent of the Northwest Corridor runs generally from Bethel Road to the north to West Broad Street to the south, including Olentangy River Road and the surrounding transportation network.

---

**Project Name:** Tussing Road Shared Use Path – Brice Road to Hines Road  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$3,110,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will add shared-use path along the south side of Tussing Road from Brice Road to Hines Road. Enhanced pedestrian crossings will be provided at Americana Parkway (west intersection) and at the Tussing Elementary School. Sidewalk will be added on the north side of Tussing Road between John Steven Way and Penobscot Boulevard to facilitate access to the enhanced pedestrian crossings.

---

**Project Name:** Pedestrian Safety Improvements  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$2,890,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for projects to improve the quality and connectivity of sidewalks in the city by providing infrastructure that encourages and enables citizens to walk. These projects will install sidewalk to fill in gaps along both sides of Courtright Road from Groves Road to Refugee Road, of Walford Street from Belcher Drive to Morse Road, of Sharbot Drive from west of Carahan Road to Carahan Road, and of Northtowne Boulevard from Morse Road to Jonathon Court. Curb and storm sewer to be installed as needed.

**Transportation subtotal - \$61,105,000**

## **Refuse**

**Project Name:** Mechanized Collection Equipment  
**Type:** Recurring  
**Estimated 2023 Cost:** \$4,930,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** Decrease in maintenance costs  
**Project Description:** Annual replacement of aging equipment for the Division of Refuse Collection.

---

**Project Name:** Alum Creek Remediation – Facility Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for the Facility Improvements at Alum Creek Refuse Station.

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**Project Name:** Mechanized Collection Equipment – Containers  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,050,000  
**Funding Source:** Voted 2019 SIT Supported G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Purchase of new refuse collection containers and parts.

**Refuse subtotal - \$6,080,000**

**Public Service Total - \$67,185,000**

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## **Public Utilities**

### **Storm Sewer**

**Project Name:** Fountain Square Stormwater System Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,000,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** Mitigation efforts for street flooding along the Morse Road service road in the Fountain Square area.

---

**Project Name:** Storm Sewer Large Diameter Condition Assessment Phase 1  
**Type:** Recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will allow for systematic inspection, condition assessment, cleaning and rehabilitation of the city's large diameter storm sewer infrastructure.

---

**Project Name:** Large Diameter Condition Assessment – Phase 2  
**Type:** Recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide incremental funding to allow for the systematic inspection, condition assessment, cleaning and rehabilitation of the City's large diameter storm sewer infrastructure.

---

**Project Name:** Large Diameter Condition Assessment – Phase 3  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide incremental funding to allow for the systematic inspection, condition assessment, cleaning and rehabilitation of the City's large diameter storm sewer infrastructure.

---

**Project Name:** General Construction Contract  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,500,000  
**Funding Source:** Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project makes improvements to existing storm infrastructure, including sewers, inlets, culverts, and associated appurtenances that may have failed unexpectedly, or require immediate action.

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## Capital Improvements Program

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**Project Name:** Petzinger Road Stormwater Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,200,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will construct storm system improvements along Petzinger Road from Glenbrook Drive east to Courtright Road and alleviate localized street and yard flooding.

---

**Project Name:** General Engineering Services – Storm 2022  
**Type:** Recurring  
**Estimated 2023 Cost:** \$400,000  
**Funding Source:** Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project provides for general engineering services on an as-needed basis.

---

**Project Name:** Linden Neighborhood Stormwater System Improvements Phase 2  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$2,612,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will mitigate street and yard flooding, and reduce roadside drainage problems at eight defined locations within or near the Linden Neighborhood of the City of Columbus. Areas include Coronet Drive, Ormond Avenue, Walmar Drive, Dawnlight Avenue, Framingham Circle, Northridge Road, Medina Avenue, and Oakland Park Avenue.

---

**Project Name:** Joint Projects with the Department of Public Service  
**Type:** Recurring  
**Estimated 2023 Cost:** \$250,000  
**Funding Source:** Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to allow the division to take advantage of collaboration opportunities that may arise during roadway improvement projects with the Department of Public Service.

---

**Project Name:** Franklinton Area Stormwater System Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$15,650,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for the design and construction of the storm system and flood protection improvements for the Franklinton Area.

---

**Project Name:** SMOC Facility Stormwater Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$3,600,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will provide stormwater treatment to prevent pollutants carried by non-point source runoff from entering the receiving stream.

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## Capital Improvements Program

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**Project Name:** Pump Stations, ST-21, ST-22, ST-23 Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$5,348,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will construct storm system improvements for the area southwest of the Arena District near the confluence of the Scioto and Olentangy Rivers

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**Project Name:** Krieger Court Stormwater Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$3,100,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will investigate drainage issues upstream and downstream of the Krieger Court Stormwater Basin, and provide detailed plans for alleviating drainage issues.

---

**Project Name:** Twin Lakes Upper Dam and Greenlawn Low Head Dam Improvements  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$7,220,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for the design and construction as it relates to the Twin Lakes Upper Dam and the Greenlawn Avenue Low Head Dam improvements.

---

**Project Name:** Barnett Road Stormwater Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,370,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will investigate drainage issues in the Barnett Road area and provide detailed plans for alleviating drainage issues.

---

**Project Name:** Pump Station Evaluations and Upgrades  
**Type:** Recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The purpose of this project is to perform an overall evaluation of the condition and function of each DOSD Stormwater Pump Station. That evaluation will assess equipment and components and identify and prioritize needs, necessary improvements, and upgrades to ensure that each pump station continues to be an integral part of DOSD's stormwater collection system.

---

**Project Name:** Pump Station ST-29 Evaluation and Upgrade  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$216,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The purpose of this project is to perform an overall evaluation of the condition and function of DOSD Stormwater Pump Station - 29, then provide a design to make renovations and improvements, and then provide engineering services during construction.

---

**Project Name:** Stormwater Remote Site Communication Network Upgrades  
**Type:** Recurring  
**Estimated 2023 Cost:** \$45,000  
**Funding Source:** Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The purpose of this project is to address the required needs and improvements at DOSD's Stormwater remote sites by providing design and construction to ensure that each remote site continues to be an integral part of DOSD's stormwater collection system.

---

**Project Name:** Cooke Road Culvert Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$510,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will obtain easements and allow for repairs of the Cooke Road Culvert to improve the capture of stormwater runoff in the area.

---

**Project Name:** Ohio State University Area Utility Easement Project  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$50,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will update, renew, or obtain new easements around the Ohio State University owned areas. These utility easements allow for maintenance and operation of existing city owned utilities.

---

**Project Name:** Second Avenue Sewer Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$50,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding will address flooding issues created by capacity limitations of the existing combined sewer system in the Second Avenue.

---

**Project Name:** Mound Street Floodwall and WCLPP Repairs  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will address safety concerns created by the exposed reinforcing steel along the deteriorating portions of the existng wall. This project will also improve flood protection throughout the area. In addition, this project will address the concrete sections of the Franklinton Floodwall where deficiencies such as spalling and cracking have occurred and which are in need of patch repairs.

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## Capital Improvements Program

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**Project Name:** Thurston Grimsby Storm Sewer Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$127,875  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will install new storm sewers, manholes, and inlets to alleviate yard and street flooding within the Thurston Grimsby area.

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**Project Name:** Astor Bernhard Storm Sewer Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$244,125  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will install new storm sewers, manholes, and inlets to alleviate yard and street flooding within the Astor Bernhard area.

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**Project Name:** Gertrude Lattimer Storm Sewer Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$616,125  
**Funding Source:** Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will install new storm sewers, manholes, and inlets to alleviate yard and street flooding within the Gertrude Lattimer area.

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**Project Name:** Plum Ridge Storm Sewer Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$174,375  
**Funding Source:** Limited Obligation G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will install new storm sewers, manholes, and inlets to alleviate yard and street flooding within the Plum Ridge area.

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**Project Name:** Major Stormwater Drainage Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$852,320  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide stormwater system improvements to address larger systemic capacity issues to reduce flooding and increase levels of service.

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**Project Name:** Storm Sewer Lining Projects  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,150,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for this project will allow for the rehabilitation of sewers that have outlived their useful service life throughout the City.

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**Project Name:** Livingston Noe-Bixby Culvert  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$286,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will remove an existing, unutilized culvert in the Livingston Avenue and Noe-Bixby Road area.

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**Project Name:** Postlewaite Road Stormwater System Improvements  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project is for the acquisition of easements and for the construction of storm sewer related to flooding on Postlewaite Road.

**Stormwater subtotal - \$56,571,820**

## **Sanitary Sewers**

**Project Name:** Blueprint Columbus Public Information Outreach 2023  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$350,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to ensure community input is received and utilized to design the best solutions for unique neighborhood needs for the Blueprint Columbus project.

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**Project Name:** Real Time Control – Sewer System Optimization, Part 2  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Development of additional functionality for the real time control decision supports.

---

**Project Name:** Alum Creek Area Subtrunk Sewer Upsizing and Rehabilitation  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,750,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project is a Consent Order project and will address a CSO and a DSR. It will reduce sewer overflows into Alum Creek, improve water quality and help the City comply with its sewer consent orders.

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## Capital Improvements Program

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**Project Name:** Engineering Consultants 2022-2024  
**Type:** Recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide a general Overall Engineering Consultant contract, whose tasks include assisting the City in the conceptualization and execution of a large capital improvements program for the sewer collection system, in regulatory and grants issues, in negotiations with regulatory agencies concerned with permit requirements, in preparation of the City's Integrated Plans and General Engineering Report, program planning and engineering coordination.

---

**Project Name:** Big Walnut Sanitary Trunk Extension, Phase 2  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$115,966,262  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project is an extension of the Big Walnut Sanitary Trunk Sewer north of Central College Road and east of Hoover Reservoir. The project will consist of a 72" finished diameter trunk constructed in the bedrock which continue in a north, north-easterly direction and stop near the intersection of Harlem Road and Smothers Road.

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**Project Name:** Central College Subtrunk Extension, Phase 3  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Extension of the Central College Subtrunk sanitary sewer along Harlem Road from Central College to Walnut Street.

---

**Project Name:** Blacklick Creek Interceptor Air Quality Facility Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$5,300,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will involve the construction of an active air quality system (biofilter) at the most downstream extent of the Blacklick Creek Sanitary Interceptor Sewer Part 6 B/C alignment. Based on the preliminary design study completed during the design of the subtrunk, this facility will be constructed at Shaft #1 and will be approximately 4,050 square feet.

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**Project Name:** Blacklick Creek Sanitary Interceptor Sewer – Shaft 1 Control Gate  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will install a gate at Shaft 1 of the BCSIS to control flows originating from the upstream tributary area in real time conditions in order to throttle flows to the hydraulically constrained downstream sewers in the Three Creeks area.

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## Capital Improvements Program

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**Project Name:** General Engineering Services – Sanitary 2022  
**Type:** Recurring  
**Estimated 2023 Cost:** \$400,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for additional engineering services on an as needed basis.

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**Project Name:** Roof Replacements for Department of Sewer and Drains Facilities  
**Type:** Recurring  
**Estimated 2023 Cost:** \$8,373,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will initially be funded to address buildings at various DOSD facilities. Many of the roofs at the various Division buildings are approaching the end of their useful life. Numerous leaks have been reported and repaired. A roof survey has been prepared for the Divisions various buildings, including the Wastewater Treatment Plants and Compost facility to determine the age and condition of the roofs. This report will be the guideline for the project to begin a program to schedule and replace the deteriorating roofs on a priority basis.

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**Project Name:** Jackson Pike A – Plant Secondary Clarifier Electrical Upgrades  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$825,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will upgrade electrical equipment and associated appurtenances responsible for the secondary treatment process. This project will also repair or replace existing components of the gravity thickening process. These improvements will help provide redundancy for the existing gravity thickeners, address corrosion and odor associated with the current process, and provide extra thickening capacity for the plant.

---

**Project Name:** Jackson Pike Waste Water Treatment Plant Power Systems Upgrades – Phase 1  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$250,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will mitigate arc flash hazards and resolve coordination issues identified during a recent evaluation within the electrical equipment which may pose a hazard to employees and/or risk to equipment reliability,

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**Project Name:** Short Circuit Coordination and Arc Flash Studies  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$350,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will reduce nuisance tripping of electrical equipment, update arc flash rating nameplates required by OSHA, and provide a safer working environment for plant personnel.

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## Capital Improvements Program

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**Project Name:** Department of Public Utilities General Engineering Consulting Services (GEC) #4 and #5  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Engineering and technical services to provide inspections and evaluations of existing conditions, architectural drawings, and specifications and bid documents for various sanitary projects throughout the city.

---

**Project Name:** Jackson Pike Wastewater Treatment Plant (JPWWTP) Small Capital Projects  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,100,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for JPWWTP projects submitted through the General Engineering Consultant Service contracts.

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**Project Name:** JPWWTP Incinerator Building Rehabilitation  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$853,738  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will replace the Incinerator Building roof, repair the building façade, repair any foundation cracking, and replace the fallen rubble stone and repair any other damages to the stone facade. Any protective coatings on the building will be replaced and the HVAC equipment and electrical systems will be rehabilitated or replaced to bring the building up to current codes.

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**Project Name:** JPWWTP Sludge Concentration Building Demolition  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,539,332  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The scope for this project includes the demolition of the SCC building over the sludge concentration tanks. The remaining control building will be rehabilitated with a new roof, tuck pointing of the rubble stone, and other structural improvements.

---

**Project Name:** Southerly Waste Water Treatment Plant (SWWTP) Small Capital Projects  
**Type:** Recurring  
**Estimated 2023 Cost:** \$590,408  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for SWWTP projects submitted through the General Engineering Consultant Service contracts.

---

**Project Name:** SWWTP Switching Station Switchgear Replacement  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$2,487,769  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** Replacement of the 15KV switch gear in the Southwest Switch Station at the SWWTP.

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## Capital Improvements Program

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**Project Name:** SWWTP Raw Sewage Pump Building Rehabilitation  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$509,592  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The old Raw Sewage Pump Building (PMP) has a failing brick façade due to years of sewer gas exposure. The building doors and windows are unusable as well and have allowed birds to nest in the building. This project will repair the building envelope and clean the interior of the building to provide a safe and healthy office space.

---

**Project Name:** SWWTP CFS Bridge and RFS Cooling Upgrade  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$433,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will build a small access bridge across the CFS, add a duplex strainer to the CEPT ferric chloride line, upsize the seal water piping to the raw sewage pumps, and upgrade the cooling in the RSP electrical room and glycooler.

---

**Project Name:** Dodge Park Pump Station Radio System Upgrade  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$462,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will upgrade the radio system equipment at the following pump stations:-SA-13 Dodge Park-ST-22 Long and Hocking-ST-1/1A Mound and Sandusky-ST-23 Long and Neil-Greenlawn Floodwall-Rich Street Floodwall-Bio Filter 6-Bio Filter 52. Upgrade the PLC's to accomodate the new radio system at each location. Install hardware for direct communication between Dodge Park pump station and SMOC

---

**Project Name:** Fairwood Building Facilities Small Capital Projects  
**Type:** Recurring  
**Estimated 2023 Cost:** \$350,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This contract is necessary to provide construction contract funding for the replacement and upgrade of equipment, materials, electrical or structural features and associated appurtenances as designed under the General Engineering Consultant (GEC) Services project.

---

**Project Name:** WWTF Professional Construction Management Services #3  
**Type:** Recurring  
**Estimated 2023 Cost:** \$750,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Professional construction management services are needed for various facilities projects for the Division of Sewerage and Drainage.

---

## Capital Improvements Program

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**Project Name:** Fairwood Facility HVAC Units 59 & 60 Replacement  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$907,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Improved efficiency of building HVAC units and potential change in utility bills.  
**Project Description:** Replacement of equipment that is currently at the end of its useful life.

---

**Project Name:** Division of Sewerage and Drainage (DOSD) HVAC and Air Purification Replacement  
**Type:** Recurring  
**Estimated 2023 Cost:** \$3,700,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Improved efficiency of building HVAC units and potential change in utility bills.  
**Project Description:** Replacement of equipment that is currently at the end of its useful life.

---

**Project Name:** JPWWTP Stormwater and Floodplain Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$500,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Creation of a phased development master plan to mitigate flooding.

---

**Project Name:** JPWWTP Plant Wide Control System Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,116,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Plant wide replacements of EIM Actuators, ABB Flow Meters, and obsolete PLCs to maintain and improve functionality of the SCADA system.

---

**Project Name:** Jackson Pike Waste Treatment Plant Audit  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$80,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Improved efficiency of building utility systems and potential change in utility bills.  
**Project Description:** The project will provide energy assessment and energy efficiency measure for two (2) City of Columbus plants owned and operated by the Department of Public Utilities. The project shall consist of up to two phases: 1) ASHRAE Level II Energy Audit & Energy Efficiency Measure report development; and 2) Energy Efficiency Measure implementation technical services.

---

**Project Name:** SWWTP VFD and Harmonic Filter Upgrades  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$9,459,300  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project includes installing several heavy duty, constant torque VFDs with new enclosures and required accessories such as a new communication network, circuit breakers, hand-switches, filters, etc and various buildings at the SWWTP.

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## Capital Improvements Program

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**Project Name:** DOSD Electrical Upgrades Program  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The purpose of this project is to identify and replace electrical infrastructure that is no longer supported or has commercially available spare parts. Equipment that is no longer supported represents increased risk of failure and permit violations at Jackson Pike WWTP, Southerly WWTP, Southwest Composting Facility and Collection System Pump Stations.

---

**Project Name:** WWTF Instrumentation and Control Integration and Programming Part 3  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,000,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Wastewater Treatment Facilities Instrumentation and Control (I&C) System upgrade.

---

**Project Name:** SWWTP Main Drain Alternative Pipe Route  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,984,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will construct a flow diversion structure and an alternative pipe to redirect Main Drain flows to the Raw Sewage Pump Building. This project will also investigate the bar rack gates as a means to control the plant's influent flows. This project is key to controlling flows into the plant and safeguarding the plant's processes, structures, and buildings from flood damage.

---

**Project Name:** SWWTP Biofilter Cold Weather Reliability Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$857,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide upgrades and improvements to the existing Odor Control Facility (OCF), the carbon Biotower and ventilation system serving the Sludge Loadout Building (SLB), and to the foul air fans at the Gravity Thickening Building (GTB) to improve odor control. These improvements will provide active ventilation, prevent corrosion, reduce foul air, and provide an Odor Improvement Report on the Interconnector Junction Chamber (IJC) regarding the probability of success using existing OCF equipment to improve odor reduction or design a separate odor control facility for the IJC under a future contract.

---

**Project Name:** SWWTP Digester Process Expansion, Phase 2  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$9,240,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project is to rehabilitate the three acid phase digesters (APDs) at the Southerly Wastewater Treatment Plant (SWWTP). In addition to the APD rehabilitation, this project will investigate the feasibility of fats, oils, and grease (FOG) receiving, organic food waste receiving, and nutrient removal prior to the digestion process.

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## Capital Improvements Program

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**Project Name:** SWWTP Post Aeration Diffuser Replacement  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$12,166,923  
**Funding Source:** Ohio Water Development Authority Loan, Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Replacement of the aeration diffuser that has reached the end of its useful life.

---

**Project Name:** SWWTP Power Systems Upgrades and Safety Improvements, Phase 1  
**Type:** Recurring  
**Estimated 2023 Cost:** \$400,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will mitigate arc flash hazards and resolve coordination issues identified during a recent evaluation within the electrical equipment which may pose a hazard to employees and/or risk to equipment reliability.

---

**Project Name:** Waste Water Treatment Facilities Upgrade – General Program #5  
**Type:** Recurring  
**Estimated 2023 Cost:** \$800,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Continuation of the general overall engineering consultant contract which provides assistance in the execution of large capital improvement projects for the division.

---

**Project Name:** SWWTP HVAC and Air Purification Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,554,062  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Improved efficiency of building HVAC units and potential change in utility bills.  
**Project Description:** Replacement of HVAC and Air Purification Systems at Southerly East Aeration Control Building.

---

**Project Name:** SWWTP Security Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$240,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None.  
**Project Description:** This project will provide security enhancements at Southerly Wastewater Treatment Plant.

---

**Project Name:** Compost Facility Odor Reduction Improvements – Part 2  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,347,500  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Odor reduction improvements at the Compost Facility consists of 3 planned upgrades. This is the second phase and will construct site and building improvements necessary to support the expanded process operations.

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## Capital Improvements Program

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**Project Name:** Southerly Stormwater and Floodplain Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$9,000,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Creation of a phased development master plan to mitigate flooding.

---

**Project Name:** SWWTP Plant Wide Control System Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,424,280  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Plant wide obsolete control and monitoring equipment replacement.

---

**Project Name:** 2023 Annual Lining Contract  
**Type:** Recurring  
**Estimated 2023 Cost:** \$5,000,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** Rehabilitation of existing sanitary sewers using cured-in-place pipe.

---

**Project Name:** Intermodal Sanitary Subtrunk Extension  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$2,520,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Extension of the Intermodal Sanitary Subtrunk along Rickenbacker Parkway and Airbase Road to extend sanitary sewer service.

---

**Project Name:** SMOC Inventory Control Consolidations  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,528,480  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Creation of a centralized inventory receiving area, consolidated inventory control room, as well as additional office space and shelving units for the DPU Archive Project.

---

**Project Name:** Ohio State University (OSU) Area Utility Easement Project  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$50,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to obtain easements in the OSU area.

---

## Capital Improvements Program

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**Project Name:** DOSD Sanitary Pump Stations Evaluation and Upgrade  
**Type:** Recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Condition assessment of DOSD sanitary pump stations

---

**Project Name:** Sanitary Remote Site Communication Network Upgrades  
**Type:** Recurring  
**Estimated 2023 Cost:** \$150,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The purpose of this project is to address the required needs and improvements at DOSD's Sanitary remote sites by providing design and construction to ensure that each remote site continues to be an integral part of DOSD's sanitary collection system.

---

**Project Name:** Big Walnut Outfall (South) Rehabilitation  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$5,152,995  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of the 108" Big Walnut Outfall sewer to address structural problems.

---

**Project Name:** Lower Olentangy Tunnel – Phase 1  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$7,500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will design and construct a relief sewer in the Olentangy corridor. DOSD's hydraulic model has identified the need for relief of the Olentangy CSOs and area Trunk Sewers.

---

**Project Name:** Large Diameter Sewer Rehabilitation – Alum Creek Trunk South Section/Deshler Tunnel  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$20,625,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will perform condition assessments of sanitary trunk line sewer through video inspection and perform repairs as necessary

---

**Project Name:** OSIS Large Diameter Sewer Rehabilitation  
**Type:** Recurring  
**Estimated 2023 Cost:** \$900,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Inspection and condition assessment of the sanitary trunk line sewer.

---

## Capital Improvements Program

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**Project Name:** Large Diameter – Blacklick Creek Main Trunk  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$7,969,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of the sanitary sewer infrastructure to extend its useful life.

---

**Project Name:** Near North & East Area Large Diameter Assessments – Phase 3  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of the current infrastructure to extend the useful life.

---

**Project Name:** Alum Creek Trunk (South) Rehabilitation – Phase 2  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$277,970  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of the current infrastructure to extend the useful life.

---

**Project Name:** Blacklick Creek Sanitary Subtrunk Extension  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$50,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of the 42" sanitary trunk sewer pipe.

---

**Project Name:** Scioto Main North Large Diameter Sewer Rehabilitation  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$150,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of sanitary sewers associated with the Scioto Main North Large Diameter Condition Assessment project.

---

**Project Name:** West Side Trunk Rehab – Phase 2  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$7,200,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of the sanitary trunk sewer pipe.

---

**Project Name:** Alum Creek Trunk (Middle) Rehabilitation – Phase D  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,380,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Rehabilitation of the current infrastructure to extend the useful life.

---

## Capital Improvements Program

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**Project Name:** 2023 General Construction Contract  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,150,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Construction and replacement of the older existing sewer infrastructure on an as needed basis.

---

**Project Name:** Moler Street Overflow Intercepting Sewer  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$24,400,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** This project will develop, design, and construct a connection of Shaft 3 of the OARS tunnel, mitigating CSO flows in the Moler sewershed. The proposed improvements will result in a reduction of CSO flow from the sewershed during a typical year.

---

**Project Name:** Inflow Redirection – Noble and 4<sup>th</sup> Street  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$550,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase  
**Project Description:** Redirection of the public inflow of six acres of area tributary in the Noble and 4<sup>th</sup> Street area to address combined sewer overflows.

---

**Project Name:** Inflow Redirection – Kerr and Russell  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,814,035  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase  
**Project Description:** Redirection of the public inflow of 19.7 acres of area in the Kerr/Russell sewer-shed combined sewer overflow area.

---

**Project Name:** Inflow Redirection – Markison  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$2,484,300  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project removes stormwater inflow from the sanitary sewer system and redirects it to a dedicated stormwater system. This prevents the sanitary sewer system from being overloaded during periods of heavy rainfall.

---

**Project Name:** Construction Administration Services 2023 to 2025  
**Type:** Recurring  
**Estimated 2023 Cost:** \$250,000  
**Funding Source:** Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Construction administration and inspection services during various storm and sanitary sewer projects.

---

## Capital Improvements Program

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**Project Name:** West Franklinton Area Sewer Reconfiguration  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$850,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Reconfiguration of sewers in the West Franklinton Area to reduce sewer overflows.

---

**Project Name:** Upsizing Sewer Pipes Project Near South – Project 2 and Project 3  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$3,245,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Upsizing existing sewer pipe from 10 to 15 inches in the Near South Blueprint Area

---

**Project Name:** Blueprint Integrated Solutions and Permeable Pavers  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$77,880,874  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds; Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** Maintenance requirements to maintain green infrastructure and periodically cleanout pavers.  
**Project Description:** Implementation of the consent order requirements to remove or reroute inflow infiltration from the sanitary sewers and install permeable pavers along multiple streets at the following locations:

- Eureka/Fremont Area
- Newton/Bedford
- Kelton/Fairwood Area
- Sunrise/Glenn Area
- Edgehill/Meadow Area
- Winthrop/Milton Area
- Doris/Weber Area
- Fredonia/Piedmont Area
- Tulane/Findley Area
- Milford/Summit Area
- Olde Beechwood Area
- Walhalla Ravine Stream Area
- Highland/Harris Area
- Morrill/Ann Area
- Champion/Roberts Area
- Palmetto/Westgate Area
- Astor/Bernhard Area
- Thurston/Grimsby Area
- Gertrude/Lattimer Area
- Plum Ridge Area
- Kent/Fairwood Area

---

**Project Name:** Blueprint Roof Redirection Program  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$14,818,304  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Redirection of downspouts from homes to the street in the following locations:

- Oakland Park Area
- Hudson/McGuffey Area
- Palmetto/Westgate Area

---

## Capital Improvements Program

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**Project Name:** Lateral Lining – Blueprint North Linden 1  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$10,071,998  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Lining sanitary laterals to prevent excess stormwater from entering the sanitary sewer system in the Linden area of Hudson and McGuffey.

---

**Project Name:** Lateral Lining – Blueprint Hilltop 1  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$451,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Lining sanitary laterals to prevent excess stormwater from entering the sanitary sewer system in the Hilltop area of Palmetto and Westgate.

---

**Project Name:** Volunteer Sump Pump Program  
**Type:** Recurring  
**Estimated 2023 Cost:** \$4,390,125  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Voted 2019 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Installation of sump pumps in residential basements to reduce excess stormwater entering the city's sanitary system in the following areas:

- North Linden 1, Phase 3
- Hilltop 4, Phase 2
- James Livingston 5, Phase 1

---

**Project Name:** Blueprint Professional Construction Management Services  
**Type:** Recurring  
**Estimated 2023 Cost:** \$4,700,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Construction management services for the installation of green infrastructure, sanitary lateral lining, and roof redirection in various Blueprint areas.

---

**Project Name:** Scioto Main Sanitary Pump Stations  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$3,300,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for improvements to the Scioto Main sanitary trunk.

---

**Project Name:** HSTS Elimination Projects  
**Type:** Recurring  
**Estimated 2023 Cost:** \$7,185,000  
**Funding Source:** Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase  
**Project Description:** Design and construction of a new sanitary sewer extension to provide sanitary services in areas currently served by home treatment systems located in the following:

- Brooklyn/Cleveland Area
- Community Park/Maple Canyon Area
- Sunbury Road/Mock Road Area

---

## Capital Improvements Program

**Project Name:** Blueprint Affordability Update  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$600,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Affordability analysis of sewer rates based on current Capital Improvement Program.

**Project Name:** Sanitary Sewer Surveillance Lab Equipment  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$650,000  
**Funding Source:** Ohio Water Development Authority Loan  
**Operating Impact:** None  
**Project Description:** Purchase of Liquid Chromatography with Tandem Mass Spectrometry (LC-MS-MS) equipment that will allow the Surveillance Lab to analyze wastewater samples for emerging contaminants, such as PFAS and azole compounds.

**Sanitary subtotal - \$437,460,247**

## **Electricity**

**Project Name:** Urban Infrastructure Recovery Fund Street Lighting Projects  
**Type:** Recurring  
**Estimated 2023 Cost:** \$505,000  
**Funding Source:** Councilmanic SIT Supported G.O. Bonds  
**Operating Impact:** Minimal increase  
**Project Description:** Design and construction of street lighting in urban areas of the city.

**Project Name:** Freeway & Kingshill Street Lighting  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,516,956  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide street lighting in response to the 2014 Street Lighting Prioritization Plan.

**Project Name:** Morningstar & North Forty Street Lighting  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$1,243,147  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide street lighting in response to the 2014 Street Lighting Prioritization Plan.

**Project Name:** Smart Lighting Phase Two  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$2,239,897  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The Division of Power began a goal of implementing Smart Lighting in the City of Columbus. This will be a multi-year goal that will ultimately connect all city streetlights to a central control system.

**Electricity subtotal - \$5,505,000**

## Capital Improvements Program

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### Water

**Project Name:** Miscellaneous Erosion Control  
**Type:** Recurring  
**Estimated 2023 Cost:** \$675,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase  
**Project Description:** Funding to provide continued erosion management and mitigation.

---

**Project Name:** Miscellaneous Water Facilities  
**Type:** Recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide for unanticipated projects that may arise.

---

**Project Name:** Area Waterline Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$67,356,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund  
**Operating Impact:** Minimal decrease in cost to maintain lines with frequent break history.  
**Project Description:** Rehabilitation of existing waterlines and construction of new waterlines to eliminate poor fire flow capabilities and improve water quality in the following areas:

- Atwood Terrace Area
- Greenway Avenue Area
- Aragon Avenue Area
- Varsity Avenue Area
- Livingston Avenue Area Phase B
- Sunrise Glenn Area
- Brixham Road Area
- Miller Avenue Area
- Roosevelt Avenue Area
- Norris Drive Area
- Riverview Drive Area
- Sawmill Place Boulevard Area
- Wellington Boulevard Area
- Lee Ellen Place Area
- Bluefield Drive Area
- Clearview Avenue Area
- Atlanta Drive Area
- Elizabeth Avenue Area
- Eureka-Fremont Area
- Kent-Fairwood Area
- Palmetto/Westgate Area
- Moler Street Area
- English Way Area

---

**Project Name:** Transit Pipe Replacement  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$4,650,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal decrease in cost to maintain lines with frequent break history.  
**Project Description:** General rehabilitation of the water distribution system.

---



## Capital Improvements Program

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**Project Name:** Barnett Road Water Main Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$429,232  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal decrease in cost to maintain lines with frequent break history.  
**Project Description:** Funding to construct necessary improvements to the water distribution system along Barnett Road.

---

**Project Name:** John Glenn Avenue Area Water Main Extension  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$114,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase in costs to maintain line extensions.  
**Project Description:** This project provides for the replacement of an existing 6" water main section with a new 8" DI water main on Judy Resnick St. north of Wright Brothers Ave, extending it further to the north to tie into the 24 inch water main along John Glenn Ave. There will be approximately 400 linear feet of water main replaced/extended.

---

**Project Name:** Water Main Replacement  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,800,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal decrease in cost to maintain lines with frequent break history.  
**Project Description:** Funding for general rehabilitation of water distribution lines to eliminate poor fire flow capabilities and poor water quality.

---

**Project Name:** Old Beechwold Private Water Services & Water Line Abandonment  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$108,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase in costs to maintain new lines.  
**Project Description:** This project will abandon an existing water main that is currently located under private properties. New private water services will be installed to the properties and connected to existing taps in the Old Beechwold Area.

---

**Project Name:** Lead Service Line Replacement  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$5,650,000  
**Funding Source:** Water Supply Revolving Loan Account Fund; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal decrease in cost to maintain lines with frequent break history.  
**Project Description:** Engineering services related to projects mandated by the Federal Energy Regulatory Committee.

---

**Project Name:** O'Shaughnessy Dam Federal Energy Regulatory Committee (FERC) Independent Consultant Review  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project provides for the FERC-mandated engineering independent consultant review of the O'Shaughnessy Hydroelectric facility and the subsequent design of construction of recommended improvements.

---

## Capital Improvements Program

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**Project Name:** Dublin Road Water Plant (DRWP) Miscellaneous Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$200,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Continuing small improvements of the existing water plant.

---

**Project Name:** Hap Cremean Water Plant (HCWP) Miscellaneous Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$125,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Continuing small improvements of the existing water plant.

---

**Project Name:** Hap Cremean Water Plant (HCWP) Misc. Improvements – Door Lock Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$400,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide for upgrades to the current door locks at Hap Cremean Water Plant.

---

**Project Name:** Parsons Avenue Water Plant (PAWP) Facility Miscellaneous Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$125,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Continuing small improvements of the existing water plant.

---

**Project Name:** Parsons Avenue Water Plant (PAWP) Lime Slaker and Soda Ash Feeder Replacement  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$12,400,000  
**Funding Source:** Water Supply Revolving Loan Account Fund  
**Operating Impact:** None  
**Project Description:** This project will design and construct improvements to replace the lime slaking and feeding equipment and the soda ash feeders at PAWP, which are original to the plant.

---

**Project Name:** Parsons Avenue Water Plant (PAWP) Control Room Renovation  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,850,000  
**Funding Source:** Water Supply Revolving Loan Account Fund; Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will design and construct renovations to the control room and related systems, including lighting, fire suppression, HVAC, and potentially UPS system.

---

## Capital Improvements Program

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**Project Name:** Parsons Avenue Water Plant (PAWP) Roof Renovations Part 1  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$2,250,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal decrease in maintenance and supply costs.  
**Project Description:** This project will renovate/repair PAWP Admin Building roof.

---

**Project Name:** Automatic Meter Reading  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,900,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Personnel and equipment reductions due to remote meter readings; increased costs for software and support costs.  
**Project Description:** Establishment of an automatic meter reading system to lower current meter reading costs, allow for more frequent readings, and enhance customer service capabilities.

---

**Project Name:** Hap Cremean Water Plant (HCWP) Basin Concrete Rehabilitation  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$1,500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** To provide engineering design and construction of rehabilitation of deteriorated concrete and the replacement of handrail and basin gates in the basin area of the Hap Cremean Water Plant.

---

**Project Name:** HCWP Pump Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$225,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding to provide for replacement of various pumps located at the water plant.

---

**Project Name:** Water Meter Renewal  
**Type:** Recurring  
**Estimated 2023 Cost:** \$200,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Removal and replacement of domestic water meters.

---

**Project Name:** Watershed Miscellaneous Improvements Facilities  
**Type:** Recurring  
**Estimated 2023 Cost:** \$400,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Ongoing funding for small capital improvements at the existing dams and reservoirs.

---

## Capital Improvements Program

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**Project Name:** Hoover Dam Improvements – Part 2  
**Type:** Non-Recurring  
**Estimated 2022 Cost:** \$700,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase  
**Project Description:** Funding to provide for the study of the environmental controls, equipment, and future demands of the Hoover Dam as it relates to the Hap Cremean Water Plant.

---

**Project Name:** Watershed Protection Easements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$50,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The establishment of buffer zones along tributaries and streams to the water supply that will minimize the amount of sediment and agrichemicals entering reservoirs and improve water quality.

---

**Project Name:** O'Shaughnessy Hydroelectric and Gatehouse Miscellaneous Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$2,000,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Improvements to the exterior of the O'Shaughnessy Gatehouse and Hydroelectric Plan that includes masonry rehabilitation and lighting upgrades.

---

**Project Name:** General Engineering Services – Supply Group 2021 A & B  
**Type:** Recurring  
**Estimated 2023 Cost:** \$800,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Funding for general engineering on various capital projects when needed.

---

**Project Name:** East Broad Tanks Valve Replacement  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$575,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project provides for the repair or replacement of valves isolating the East Broad Tanks.

---

**Project Name:** Indianola Booster Station Demolition  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$100,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** The project will provide for the demolition of the existing booster station.

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## Capital Improvements Program

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**Project Name:** Stelzer Road Pressure Reducing Valve (PRV)  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$900,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide a new pressure reducing valve (PRV) to increase operational flexibility of the water distribution system.

---

**Project Name:** PAWP Hypochlorite Disinfection Improvements  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$23,200,000  
**Funding Source:** Water Supply Revolving Loan Account Fund  
**Operating Impact:** Minimal increase  
**Project Description:** Engineering design and construction as it relates to the disinfection storage and feed facilities at the Parsons Avenue Water Plant.

---

**Project Name:** Broadview Road 30-Inch Transmission Main  
**Type:** Recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will provide a 30-inch diameter transmission main from the North pressure district to supply booster stations located near Morse Rd./Hamilton Rd. that supply the Morse pressure district.

---

**Project Name:** Water Main Repair  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,250,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project provides for emergency repairs of the water distribution system when the work load exceeds the ability or capacity of the maintenance section.

---

**Project Name:** Water Distribution System SCADA Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$150,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Repair and replacement of components of the supervisory control and data acquisition (SCADA) system for the Water distribution system.

---

**Project Name:** DRWP Laboratory Upgrades  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$2,000,000  
**Funding Source:** Water Supply Revolving Loan Account Fund  
**Operating Impact:** None  
**Project Description:** To construct upgrades to the Dublin Road Water Plant laboratory including new instrumentation & online analyzers.

---

## Capital Improvements Program

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**Project Name:** Fire Hydrant Repairs  
**Type:** Recurring  
**Estimated 2023 Cost:** \$1,250,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project provides for general rehabilitation of the water distribution system and includes the repair or replacement of existing fire hydrants.

---

**Project Name:** 2023-2025 General Engineering Services - Distribution Group  
**Type:** Recurring  
**Estimated 2023 Cost:** \$600,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** To provide general engineering services on an as needed basis.

---

**Project Name:** Residuals Management Plan Update- Part 2  
**Type:** Recurring  
**Estimated 2023 Cost:** \$400,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** To provide general engineering services to continue and complete the Residuals Management Plan Update.

---

**Project Name:** Water Treatment Residuals Turnkey Dewatering Services  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$46,000,000  
**Funding Source:** Water Supply Revolving Loan Account Fund  
**Operating Impact:** Will require an annual maintenance contract to process dewatering services.  
**Project Description:** Funding to provide turnkey residuals dewatering, beneficial reuse and disposal services as needed for some or all of the water treatment residuals produced by the DRWP and HCWP facilities, and already stored at the MAQ.

---

**Project Name:** General Architectural Services – Division of Water 2021  
**Type:** Recurring  
**Estimated 2023 Cost:** \$300,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Architectural and design services on an as needed basis for various capital improvement projects.

---

**Project Name:** General Construction Administration and Construction Inspection  
**Type:** Recurring  
**Estimated 2023 Cost:** \$250,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Construction management costs associated with the Division of Water capital improvement projects.

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## Capital Improvements Program

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<b>Project Name:</b>	Plant Drain and Water System Improvements
<b>Type:</b>	Non-recurring
<b>Estimated 2023 Cost:</b>	\$9,000,000
<b>Funding Source:</b>	Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
<b>Operating Impact:</b>	None
<b>Project Description:</b>	Funding to study the plant drainage systems and make recommendations for improvements to bring the systems into alignment with current best practices. This will also improve the plant water systems to reduce leakage, improve reliability, replace aging components, and improve the ease of maintenance.
<hr/>	
<b>Project Name:</b>	Dam Engineering Services
<b>Type:</b>	Recurring
<b>Estimated 2023 Cost:</b>	\$150,000
<b>Funding Source:</b>	Voted 2016 Public Utilities G.O. Bonds
<b>Operating Impact:</b>	None
<b>Project Description:</b>	To provide dam engineering and design services to be proactive and practice responsible dam safety by conducting recurring assessments and regulatory compliance activities for non-FERC dams.
<hr/>	
<b>Project Name:</b>	DRWP Automation Upgrade
<b>Type:</b>	Non-recurring
<b>Estimated 2023 Cost:</b>	\$2,600,000
<b>Funding Source:</b>	Voted 2016 Public Utilities G.O. Bonds
<b>Operating Impact:</b>	None
<b>Project Description:</b>	Funding to implement and start-up upgrades to the plant SCADA system hardware and software.
<hr/>	
<b>Project Name:</b>	Electrical Power Systems Studies
<b>Type:</b>	Recurring
<b>Estimated 2023 Cost:</b>	\$300,000
<b>Funding Source:</b>	Voted 2016 Public Utilities G.O. Bonds
<b>Operating Impact:</b>	None
<b>Project Description:</b>	To provide updates and maintenance to the electrical system information as well as conduct an electrical power system study for the Department of Water facilities in order to comply with OSHA and NFPA regulations and guidelines.
<hr/>	
<b>Project Name:</b>	Department of Water Safety Improvements
<b>Type:</b>	Non-recurring
<b>Estimated 2023 Cost:</b>	\$2,050,000
<b>Funding Source:</b>	Voted 2016 Public Utilities G.O. Bonds
<b>Operating Impact:</b>	None
<b>Project Description:</b>	This project will design and install safety improvements at various Department of Water facilities to comply with OSHA regulations and good safety practices.
<hr/>	
<b>Project Name:</b>	DRWP Caustic Feed Improvements
<b>Type:</b>	Non-recurring
<b>Estimated 2023 Cost:</b>	\$1,050,000
<b>Funding Source:</b>	Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
<b>Operating Impact:</b>	None
<b>Project Description:</b>	Engineering to modify the existing caustic storage and feed facilities within the DRWP.

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## Capital Improvements Program

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**Project Name:** PAWP Treatment Residuals Disposal Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$47,250,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund  
**Operating Impact:** Minimal increase  
**Project Description:** This project will design and construct PAWP residual disposal improvements to convey the plant's residuals streams to the Lockbourne Road Quarry for disposal.

---

**Project Name:** PAWP Wellfield Development  
**Type:** Recurring  
**Estimated 2023 Cost:** \$700,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Minimal increase  
**Project Description:** Design and construction improvements to develop a new wellfield and associated raw waterlines based on the PAWP concept plan update project recommendations.

---

**Project Name:** Professional Construction Management (PCM)  
**Type:** Recurring  
**Estimated 2023 Cost:** \$6,500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Professional management services to monitor the numerous current and future projects during construction.

---

**Project Name:** Large Diameter Valve Replacement Part 3  
**Type:** Non-Recurring  
**Estimated 2023 Cost:** \$4,150,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Repair or replacement of critical large diameter valves in the water distribution system.

---

**Project Name:** Fourth Water Plant  
**Type:** Recurring  
**Estimated 2023 Cost:** \$4,000,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** Significant impact to operating budget in the future (2028-2029) to run a new Water Plant.  
**Project Description:** This project will design and construct a new fourth water plant and associated finished water transmission mains to meet water supply needs and increase the resiliency and reliability of the water supply system.

---

**Project Name:** PAWP Pump Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$150,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Repair or replacement of various pumps at the PAWP facility.

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## Capital Improvements Program

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**Project Name:** Merchant Road Property Demolition  
**Type:** Non-recurring  
**Estimated 2023 Cost:** \$500,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** This project will demolish structures, remove equipment, and potentially add some fencing at the Merchant Road Quarry property and the Upground Reservoir R3 Property.

---

**Project Name:** DRWP Pump Improvements  
**Type:** Recurring  
**Estimated 2023 Cost:** \$200,000  
**Funding Source:** Voted 2016 Public Utilities G.O. Bonds  
**Operating Impact:** None  
**Project Description:** Repair or replacement of various pumps at the DRWP facility.

**Water subtotal - \$264,232,232**

**Public Utilities Total - \$763,769,299**

**2023 Capital Improvement Budget Total - \$954,269,299**

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## Significant Non-Recurring Projects

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### Public Safety Wellness Center

**Department:** Public Safety  
**Planning Area:** North Central  
**Start Date:** April 2020  
**Completion Date:** July 2022  
**Est. Cost:** \$3,200,000

Serving employees from police, fire and 911, the mission of the Public Safety Wellness Center is to promote opportunities for optimal wellness and resiliency for Columbus first responders to enable them to best serve the community. Peers, chaplains, and Employee Assistance Program staff are available to provide mental health and wellness resources to sworn personnel in a confidential, safe space. After consulting with national experts, the city believes the Public Safety Wellness Center is the first of its kind in the country, offering unified support for first responders.



*Public Safety Wellness Center Lobby*

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### Central City Sidewalks

**Department:** Development  
Public Service  
**Planning Area:** Various  
**Start Date:** Spring 2021  
**Est. Completion Date:** Fall 2025  
**Est. Cost:** \$11,450,457

The Urban Infrastructure Recovery Fund is providing over \$11 million to build 30 sidewalks in 12 central city neighborhoods. New sidewalks was the most requested improvement proposed by UIRF communities in the most recent 5-year Funding Round. In most cases, these sidewalks fill in the gaps between existing sidewalk sections. More than 42,000 linear feet, or 7.95 miles, of sidewalk have been built.



*Central City Sidewalks*

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## **Hilltop Early Learning Center**

**Department:** Construction Management  
**Planning Area:** Greater Hilltop  
**Design Start Date:** November 2019  
**Est. Completion Date:** October 2022  
**Est. Cost:** \$21,270,522

The new Hilltop Early Learning Center located in the heart of the Hilltop community will be a mixed-use facility serving as Pre-K for 4 year olds and providing services for the community. The center will provide education for as many as 240 students and includes a number of amenities. The facility has 20 classrooms, a large cafeteria with a full commercial kitchen, indoor and outdoor playgrounds, a recreation room, a library, an open courtyard for gardening, health center, consultation rooms, and a food pantry.



*Photo of Hilltop Early Learning Center*

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## **Glenwood and Windsor Pools Construction**

**Department:** Recreation and Parks  
**Planning Area:** Greater Hilltop and South Linden  
**Start Date:** Active late Summer 2022  
**Est. Completion Date:** Summer 2023  
**Est. Cost:** \$15,000,000

The Columbus Recreation and Parks Department is replacing and adding outdoor aquatic facilities at Glenwood and Windsor Parks. CRPD is actively demolishing the existing Glenwood and Windsor Pools constructed in 1972 and 1965, respectively. While each pool has seen renovations and major repairs in each of the past several decades, the expense of the ongoing repair and replacement of components to maintain each of these facilities has become cost-prohibitive. Robust community engagement informed the design of the new pools. New outdoor aquatic facilities will be built at the existing site and allow the department to continue serving the nearly 25,000 residents who visit these two pools each year. This will also expand CRPD's capacity to provide safe, quality, and inclusive aquatic programming for residents of all ages and abilities.



*Conceptual designs of new Glenwood and Windsor Pools*

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## Alkire Road Park Development

**Department:** Recreation and Parks  
**Planning Area:** Westland  
**Start Date:** Currently in Design,  
Construction June 2023  
**Est. Completion Date:** April 2024  
**Est. Cost:** \$1,200,000

The Alkire Road Park Development is currently in design and will begin construction next year. This community park will have vehicular access from Alkire Road and pedestrian access from the Camp Chase trail and Georgesville Road. Key park features will include a shelter, nature-themed playground, walking loop, wetlands, and meadows. CRPD has prioritized community feedback to feature elements in the park that are easily maintainable and will promote users' enjoyment of the park's existing natural beauty. This park will provide greenspace and recreational opportunities for nearby neighborhood residents, Camp Chase trail users, and residents throughout Columbus.

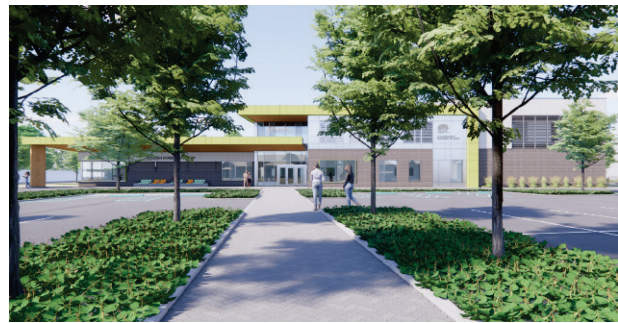


Conceptual design of Alkire Road Park

## Broad Street Arts and Senior Campus

**Department:** Recreation and Parks  
**Planning Area:** Near East  
**Start Date:** Currently in Design.  
Construction estimated in 2023  
**Est. Completion Date:** April 2025  
**Est. Cost:** \$27,000,000

The Broad Street Arts and Senior Campus will be located on a 3.76 acre parcel purchased from the Columbus Board of Education. CDBG funding was utilized for the purchase of the property. The existing school on the property is slated for demolition in late 2022/early 2023 and a new, approximately 44,000 sq. ft. facility will be constructed. A public park will be built on the east side of the parcel, creating additional greenspace for neighborhood residents. The facility will serve primarily older adults. The Broad Street Arts and Senior Campus will offer all of the programming that Recreation and Parks originally held at its Golden Hobby Shop and Martin Janis Senior Center as well as other Senior- and Adult-focused creativity and wellbeing oriented programs that can be accommodated in the consolidated site.



Conceptual designs of Broad Street Arts and Senior Campus

## **Dakota Park Development**

**Department:** Recreation and Parks  
**Planning Area:** Franklinton  
**Start Date:** Summer 2023  
**Est. Completion Date:** Fall 2023  
**Est. Cost:** \$700,000

The Columbus Recreation and Parks Department plans to start construction in June 2023 to create Dakota Park, a neighborhood park that will benefit those living within a 10-minute walkshed and the larger Franklinton community. Although Franklinton residents have access to the Dodge Park and Community Center at the neighborhood's far eastern border, Franklinton has very few neighborhood parks for active recreation, play, or socialization. The improvements planned for Dakota Park include walking paths, an open air shelter, fenced playground, and site furnishings such as picnic tables and benches. With this development, Columbus Recreation and Parks Department will serve the needs of Franklinton residents and foster more community around the outdoors and recreation.



*Conceptual designs of Dakota Park Development*

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## **Arterial Street Rehabilitation – SR161 – I-71 to Cleveland Avenue Phase 1 – Part 2 (Parkville/Spring Run)**

**Department:** Public Service  
**Planning Area:** Northland  
**Start Date:** Summer 2020  
**Completion Date:** Fall 2024  
**Est. Cost:** \$9,000,000

This project involves improvements to Parkville Street/Spring Run Drive north and south of SR 161. These improvements will include the addition of pedestrian and bike facilities from Maple Canyon to Cleveland Ave., new traffic signals, pavement widening and resurfacing, raised medians on the side streets, and the installation of mini-roundabouts on the side streets.



*Current overhead view of the intersection of SR161 and Parkville/Spring Run*

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## **Operation Safewalks – Grace Street – Orel Avenue to Eureka Avenue**

<b>Department:</b>	Public Service
<b>Planning Area:</b>	Greater Hilltop
<b>Start Date:</b>	Spring 2020
<b>Est. Completion Date:</b>	Fall 2024
<b>Est. Cost:</b>	\$3,200,000

This project will install sidewalks along Grace Street between Orel Avenue and Eureka Avenue. The sidewalks will be located as follows: from Orel Ave. to Warren Ave., the sidewalk will be installed on the south side of Grace Street; and from Warren Ave. to Eureka Ave., the sidewalk will be located along the north side of Grace Street. Drainage improvements will also be constructed.



*Section of Grace Street to receive sidewalks*

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## **Bikeway Development – Tussing Road Shared Use Path – Brice Road to Hines Road**

<b>Department:</b>	Public Service
<b>Planning Area:</b>	Far East
<b>Start Date:</b>	Summer 2021
<b>Est. Completion Date:</b>	Summer 2025
<b>Est. Cost:</b>	\$3,900,000

This project will add shared-use path along the south side of Tussing Road from Brice Road to Hines Road. Enhanced pedestrian crossings will be provided at Americana Parkway (west intersection) and at the Tussing Elementary School. Sidewalk will be added on the north side of Tussing Road between John Steven Way and Penobscot Boulevard to facilitate access to the enhanced pedestrian crossings.



*Section of Tussing Road that will receive a shared use path; Intersection with Tussing Elementary School that will receive enhanced pedestrian crossings*

## **Intersection Improvements - Georgesville Road at Hall Road**

**Department:** Public Service  
**Planning Area:** Greater Hilltop  
**Start Date:** Fall 2019  
**Est. Completion Date:** Late 2024  
**Est. Cost:** \$2,300,000

This project consists of the widening of Georgesville Road to provide a southbound right turn lane onto Hall Road, widening of Hall Road to provide an eastbound right turn lane onto Georgesville Road, and the full reconstruction of the traffic signal at the intersection. In addition, a shared use path will be installed along the south side of Hall Road from Durrow Drive (Private Street)/Georgesville Green Drive to Georgesville Road. Where needed to accommodate the shared use path, curb and gutter will be placed and a closed drainage system installed.



*View of Georgesville Road at the intersection with Hall Road*

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## **Hoover Dam Improvements - Phase 1**

**Department:** Public Utilities  
**Planning Area:** Citywide  
**Start Date:** 2020  
**Est. Completion Date:** 2022  
**Construction Budget:** \$15,381,250

This project will make improvements to the dam to maintain a reliable water supply and extend the life of this critical asset. Work will include replacing dam equipment (gates, valves, piping etc.) and other systems (electrical, dehumidification, etc.). Many of these elements are original to the dam, built in the 1950s, and are in need of replacement or repair due to age related deterioration. The project will be substantially complete in 2022.



*View of Hoover Dam spillway showing the temporary cascade aerators installed under this project*

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## **Parsons Avenue Water Plant (PAWP)**

### **Wellfield Development**

<b>Department:</b>	Public Utilities
<b>Planning Area:</b>	Parsons Avenue Water Plant
<b>Start Date:</b>	2022
<b>Est. Completion Date:</b>	2025
<b>Est. Cost:</b>	\$8,000,000

This project will design and construct a new radial collector well (CW-112) for the Parsons Avenue Water Plant. The new well will help the plant meet increasing finished water demands associated with development in the southern portions of the city's service area and will partially offset the potential future loss of existing wells. Design of the new collector well was started in 2022 and construction is anticipated to start in 2024.



*View of the PAWP Collector Well 112 test well being drilled*

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## **Parsons Avenue Water Plant (PAWP)**

### **Well Pump Replacement – CW's 101, 104 & 115**

<b>Department:</b>	Public Utilities
<b>Planning Area:</b>	Parsons Avenue Water Plant
<b>Start Date:</b>	2021
<b>Est. Completion Date:</b>	2023
<b>Est. Cost:</b>	\$5,896,050

The PAWP Well Pump Replacement – CW's 101, 104 & 115 project is replacing the vertical turbine pumps and motors on three of the existing radial collector wells. The project also includes improvements to the electrical and radio systems along with the upgrading the flow meters and water level sensors to a modern technology. Construction has been completed on CW104, CW101 is currently under construction, to be followed by work at CW115. Substantial completion is anticipated to occur summer 2023.



*View of the PAWP CW104 new motors for the three vertical turbine pumps*

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## **DRWP Misc. Improvements – Basin Clarifier Rehabilitation**

**Department:** Public Utilities  
**Planning Area:** Citywide  
**Start Date:** 2020  
**Est. Completion Date:** 2024  
**Est. Cost:** \$19,521,350

The DRWP Basin Clarifier Rehabilitation project will replace clarifier mechanisms and flocculator drives and make repairs to basin concrete and associated appurtenances. Most of these components are original plant assets from the 1970's and are now past their useful lives. Design of the improvements was completed in 2020, and construction is currently ongoing and expected to be completed May 2024.



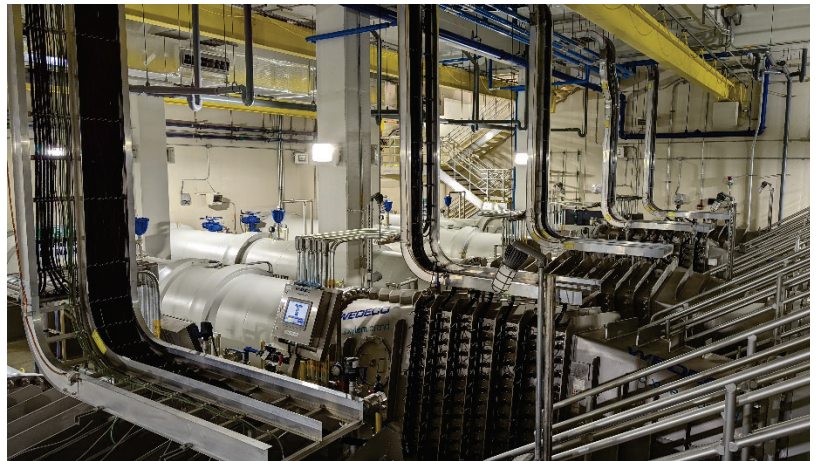
*Existing treatment basins and clarifier equipment will be replaced under this project*

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## **DRWP UV Disinfection Facility**

**Department:** Public Utilities  
**Planning Area:** Citywide  
**Start Date:** 2018  
**Est. Completion Date:** 2023  
**Est. Cost:** \$23,800,000

The DRWP UV Disinfection Facility project installed a new treatment process at the plant that uses ultraviolet (UV) light to disinfect the water. With UV disinfection in place, the plant will have a multi-barrier disinfection scheme (chlorine + UV) that enhances public health protection and helps the city comply with upcoming regulatory requirements. Construction was substantially completed and the facility placed into operation in mid-2022. Project final completion is expected to occur in early 2023.



*View of the lower level of the UV Disinfection Facility that houses the UV reactors*

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## **Capital Improvements Program**

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