

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 15th 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 15th 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.

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 \$28.9 million of the 2019 voted authority and \$559.8 million of the 2016 voted authority. In addition, the city also has \$79.7 million of remaining authority from the 2013 voted bond package. The tables below show the remaining voted authority, by purpose, as of October 31, 2020. Voted authority is updated after each new bond issuance. As of the date of publication, no new debt has been issued using the remaining voted authority.

Voted Bond Packages (000's omitted)						
Purpose	2013		2016		2019	
	Amount Authorized	Amount Remaining	Amount Authorized	Amount Remaining	Amount Authorized	Amount Remaining
Safety and Health	\$ 52,500	\$ -	\$ 70,000	\$ 7,750	\$ -	\$ -
Health, Safety, and Infrastructure	-	-	-	-	205,000	205,000
Recreation and Parks	123,910	-	110,000	35,895	100,000	100,000
Public Service	220,300	-	310,000	-	425,000	396,070
Public Utilities	445,295	79,725	460,000	346,605	250,000	250,000
Neighborhood Development	-	-	-	-	50,000	50,000
Total	\$ 842,005	\$ 79,725	\$ 950,000	\$ 390,250	\$ 1,030,000	\$ 1,001,070

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 (Standard & Poor's Corporation, Moody's Investors Service, and Fitch Ratings) rate the security of Columbus for investors. The 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.

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 2020, SIT income tax deposits are currently projected at approximately \$231.8 million, an estimated 1.5 percent decrease over 2019 deposits. This amount will be revised when the final 2020 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 as well as the tipping fees for solid waste disposal. Currently, tipping fees are budgeted at \$17.1 million for 2021.

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 2020 to 2029.

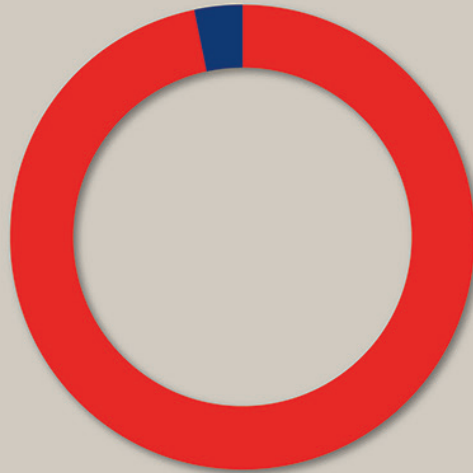
Capital projects for enterprise agencies are funded primarily through user fees. The determination of the ability to fund enterprise projects is done at the department level. These debt service projections are included in the individual department pro formas.

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.

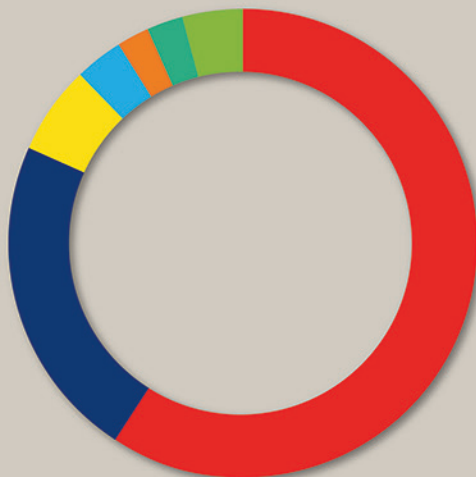
SPECIAL INCOME TAX ANALYSIS PROPOSED 2021 BUDGET

Revenues



Income Tax	96.88%
TIF & Misc. Reimbursements	3.12%

Expenditures



Existing Voted Debt	59.40%
Existing Unvoted Debt	22.34%
Tipping Fees	6.30%
RiverSouth Debt	3.27%
Misc. Development & Leases	2.27%
Other Expenses	2.54%
Proposed New Debt	3.88%

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, 2020, the direct debt limitation of 10.5 percent and 5.5 percent for the city are \$1.785 billion and \$935.1 million 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

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 December 31, 2019 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
Maximum Millage Permitted	10.0000	10.0000	10.0000
Direct			
City of Columbus	3.2285	4.3489	4.3490
Overlapping			
County	0.7471	1.3681	0.4039
School District	2.4917	-	0.2089
Joint Vocational School District	-	0.0389	-
Solid Waste Authority of Central Ohio	0.2476	0.2475	0.2512
Township	2.0029	-	-
Millage Required	8.7178	6.0034	5.2130
Total Remaining Millage Capacity	1.2822	3.9966	4.7870

Debt Service Payments

During fiscal year 2020, the city will have retired approximately \$264.2 million in principal of general obligation debt. As of the date of publication, no new debt has been issued by the city in 2020. Beginning with fiscal year 2021, approximately 75.72 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
2021	\$ 273,596,091	\$ 127,810,206	\$ 401,406,297
2022	264,296,091	116,158,216	380,454,307
2023	253,003,271	105,442,433	358,445,704
2024	251,373,271	93,309,843	344,683,114
2025	257,508,271	83,375,791	340,884,062
2026	230,883,271	72,377,637	303,260,908
2027	213,828,271	61,225,668	275,053,939
2028	185,678,270	52,519,243	238,197,513
2029	228,830,000	44,192,328	273,022,328
2030	218,765,000	34,598,667	253,363,667
2031	208,400,000	25,868,783	234,268,783
2032	188,080,000	18,589,302	206,669,302
2033	101,790,000	13,479,026	115,269,026
2034	79,685,000	9,744,028	89,429,028
2035	62,415,000	6,779,073	69,194,073
2036	44,495,000	4,570,816	49,065,816
2037	32,640,000	2,910,082	35,550,082
2038	21,205,000	1,626,444	22,831,444
2039	14,900,000	788,312	15,688,312
2040	8,700,000	211,104	8,911,104
Total	\$ 3,140,071,807	\$ 875,577,002	\$ 4,015,648,809
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	2021	2022	2023	2024	2025	Total
Non-Enterprise Fund						
SIT Fund Supported	\$ 220,956,882	\$ 208,520,379	\$ 188,079,677	\$ 175,440,599	\$ 163,712,788	\$ 956,710,325
Non-Enterprise Sub Total	220,956,882	208,520,379	188,079,677	175,440,599	163,712,788	956,710,325
Enterprise Funds						
Water	77,136,766	71,977,591	67,107,816	63,526,628	61,781,943	341,530,744
Sanitary Sewer	78,808,155	77,113,935	81,893,732	85,646,151	97,417,488	420,879,461
Storm	13,674,937	12,978,419	12,284,348	11,662,627	11,238,661	61,838,992
Electricity	1,349,700	1,313,868	1,277,787	1,233,330	1,194,623	6,369,308
Enterprise Sub Total	170,969,558	163,383,813	162,563,683	162,068,736	171,632,715	830,618,505
Internal Service Funds						
Fleet Management	4,533,465	4,414,701	4,283,936	4,135,398	3,263,843	20,631,343
Information Services	4,946,392	4,135,414	3,518,408	3,038,381	2,274,716	17,913,311
Internal Service Sub Total	9,479,857	8,550,115	7,802,344	7,173,779	5,538,559	38,544,654
Total	\$ 401,406,297	\$ 380,454,307	\$ 358,445,704	\$ 344,683,114	\$ 340,884,062	\$ 1,825,873,484
Note: Interest payments associated with variable rate debt are not included.						

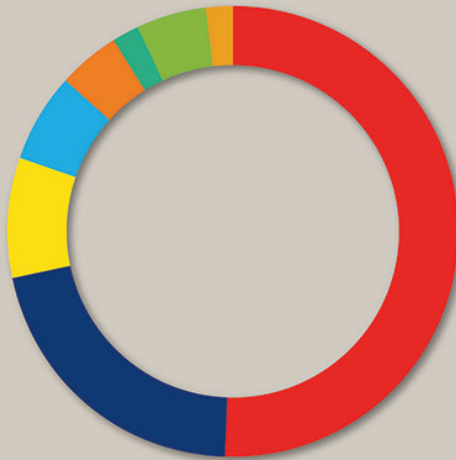
The Proposed 2021-2026 Capital Improvement Program

The proposed Capital Improvement Program provides approximately \$3.06 billion in funding for various capital improvements for the period of 2021-2026. Of this amount, \$567.4 million is to be supported by the SIT while \$2.44 billion will be supported by the enterprise agencies of the city. The proposed 2021-2026 CIP represents an 11.3 percent decrease from the proposed 2020-2025 CIP. As of the date of publication, the proposed 2020-2025 CIP has not been adopted. The proposed 2021 CIB totals approximately \$578.9 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.

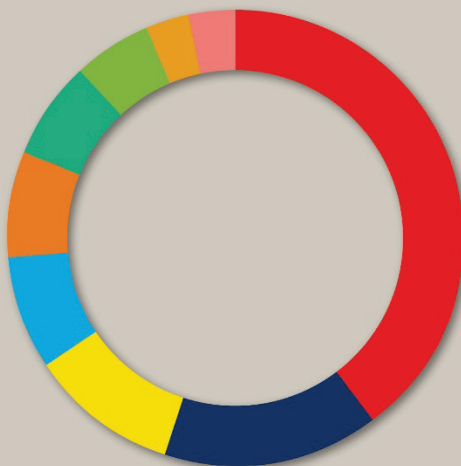
PROPOSED 2021-2026 CAPITAL IMPROVEMENTS PROGRAM

Percent by Division



Sanitary Sewers	50.47%
Water	21.29%
Transportation	8.62%
Storm Sewers	6.32%
Rec & Parks	4.47%
Electricity	2.00%
Other	5.06%
Safety	1.77%

Percent by Funding Source



OWDA/WPCLF	40.03%
Voted SIT Supported	15.29%
WSRLA Loans	10.54%
Sanitary Enterprise	7.78%
Voted Water	7.65%
Voted Sanitary	7.01%
Other	5.41%
Councilmanic	3.19%
Water Enterprise	3.10%

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM									
DEPARTMENT PROJECT		2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
<u>PUBLIC SAFETY</u>									
POLICE									
Police Facility Renovation	\$	1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 10,080,000	Voted 2019 SIT Supported
Subtotal - POLICE	\$	1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 1,680,000	\$ 10,080,000	
FIRE									
Fire Facility Renovation	\$	1,320,000	\$ 1,320,000	\$ 1,320,000	\$ 1,320,000	\$ 1,320,000	\$ 1,320,000	\$ 7,920,000	Voted 2019 SIT Supported
Fire Apparatus Replacement - Medics		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	Voted 2019 SIT Supported
Fire Apparatus Replacement - Platform Ladders		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	Voted 2019 SIT Supported
Fire Apparatus Replacement - Engines		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	Voted 2019 SIT Supported
Subtotal - FIRE	\$	7,320,000	\$ 7,320,000	\$ 7,320,000	\$ 7,320,000	\$ 7,320,000	\$ 7,320,000	\$ 43,920,000	
<u>DEVELOPMENT</u>									
DEVELOPMENT ADMINISTRATION									
Economic & Community Development	\$	250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,500,000	Councilmanic SIT Supported
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
Emergency Shelter Repair		350,000	350,000	350,000	350,000	350,000	350,000	2,100,000	Councilmanic SIT Supported
Affordable Housing Funds		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	Councilmanic SIT Supported
Subtotal - DEVELOPMENT ADMINISTRATION	\$	3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 21,600,000	
<u>FINANCE AND MANAGEMENT</u>									
CONSTRUCTION MANAGEMENT									
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
Subtotal - CONSTRUCTION MANAGEMENT	\$	8,690,000	\$ 8,690,000	\$ 8,690,000	\$ 8,690,000	\$ 8,690,000	\$ 8,690,000	\$ 52,140,000	
FLEET MANAGEMENT									
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		600,000	600,000	600,000	600,000	600,000	600,000	3,600,000	Fleet Management (Unvoted)
Subtotal - FLEET MANAGEMENT	\$	800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 4,800,000	
<u>TECHNOLOGY</u>									
TECHNOLOGY ADMINISTRATION									
Data Center Facility Upgrades	\$	1,825,000	\$ 240,000	\$ 200,000	\$ 250,000	\$ 1,500,000	\$ 5,000,000	\$ 9,015,000	Information Services
Connectivity Project Fiber/Wireless		1,000,000	1,000,000	1,000,000	1,000,000	1,500,000	1,500,000	7,000,000	Information Services
CTSS Fiber Purchase B,C,D		-	1,100,000	-	1,300,000	-	1,500,000	3,900,000	Information Services
Enterprise System Upgrades		375,000	1,000,000	650,000	1,300,000	2,000,000	650,000	5,975,000	Information Services
E-Gov Initiatives		-	250,000	250,000	-	-	-	500,000	Information Services
Media Services Equipment and Infrastructure		-	150,000	25,000	50,000	60,000	100,000	385,000	Information Services
Netw ork Improvements		1,400,000	630,000	600,000	1,700,000	1,000,000	1,000,000	6,330,000	Information Services
Data Management Services		-	-	-	500,000	180,000	250,000	930,000	Information Services
Telephony and IVR Infrastructure		300,000	500,000	830,000	1,200,000	500,000	-	3,330,000	Information Services
Security Program		200,000	100,000	300,000	-	-	-	600,000	Information Services
GIS		90,000	90,000	90,000	250,000	90,000	90,000	700,000	Information Services
Applications		-	550,000	500,000	-	-	-	1,050,000	Information Services
Subtotal - TECHNOLOGY ADMINISTRATION	\$	5,190,000	\$ 5,610,000	\$ 4,445,000	\$ 7,550,000	\$ 6,830,000	\$ 10,090,000	\$ 39,715,000	
<u>RECREATION AND PARKS</u>									
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Urban Infra.- Rec & Parks	\$	753,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 753,200	Voted 2016 Debt SIT Supported
Urban Infra.- Rec & Parks		-	753,200	753,200	753,200	753,200	753,200	3,766,000	Voted 2019 SIT Supported

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
REFUSE COLLECTION								
Mechanized Collection Equipment	\$ -	\$ -	\$ -	\$ 4,930,000	\$ 4,930,000	\$ 4,930,000	\$ 14,790,000	Councilmanic SIT Supported
Mechanized Collection Equipment	5,230,000	4,930,000	4,930,000	-	-	-	15,090,000	Voted 2019 SIT Supported
Alum Creek Remediation - Facility Improvements	-	-	-	100,000	100,000	100,000	300,000	Councilmanic SIT Supported
Alum Creek Remediation - Facility Improvements	-	100,000	100,000	-	-	-	200,000	Voted 2019 SIT Supported
Mechanized Collection Equipment - Containers	-	-	-	50,000	1,050,000	1,050,000	2,150,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Containers	850,000	1,050,000	1,050,000	1,000,000	-	-	3,950,000	Voted 2019 SIT Supported
Subtotal - REFUSE COLLECTION	\$ 6,080,000	\$ 6,080,000	\$ 6,080,000	\$ 6,080,000	\$ 6,080,000	\$ 6,080,000	\$ 36,480,000	
Public Utilities								
STORM SEWER								
Fountain Square Stormwater System Improvements	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	Voted 2016 Debt - Storm
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	-	-	-	2,000,000	-	-	2,000,000	WPCLF/OWDA
General Construction Contract (Storm)	-	-	1,150,000	1,150,000	1,150,000	1,150,000	4,600,000	Storm Sewer Enterprise (Unvoted)
General Construction Contract (Storm)	1,150,000	1,150,000	-	-	-	-	2,300,000	Voted 2016 Debt - Storm
Storm Sewer Large Diameter Condition Assessment Phase 2	-	-	151,000	-	200,000	-	351,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Large Diameter Condition Assessment Phase 2	1,500,000	-	149,000	-	-	-	1,649,000	Voted 2016 Debt - Storm
Storm Sewer Large Diameter Condition Assessment Phase 2	-	-	-	-	2,000,000	-	2,000,000	WPCLF/OWDA
Storm Sewer Large Diameter Condition Assessment Phase 3	-	-	-	300,000	-	200,000	500,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Large Diameter Condition Assessment Phase 3	-	1,500,000	-	-	-	-	1,500,000	Voted 2016 Debt - Storm
Storm Sewer Large Diameter Condition Assessment Phase 3	-	-	-	-	-	2,000,000	2,000,000	WPCLF/OWDA
Storm Sewer Large Diameter Condition Assessment Phase 4	-	-	1,500,000	-	300,000	-	1,800,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Large Diameter Condition Assessment Phase 5	-	-	-	1,500,000	-	300,000	1,800,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Large Diameter Condition Assessment Phase 6	-	-	-	-	1,500,000	-	1,500,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Large Diameter Condition Assessment Phase 7	-	-	-	-	-	1,500,000	1,500,000	Storm Sewer Enterprise (Unvoted)
General Engineering Services - Storm - 2019	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Storm
General Engineering Services - Storm - 2022	-	-	-	400,000	-	-	400,000	Storm Sewer Enterprise (Unvoted)
General Engineering Services - Storm - 2022	-	400,000	400,000	-	-	-	800,000	Voted 2016 Debt - Storm
General Engineering Services - Storm - 2025	-	-	-	-	400,000	400,000	800,000	Storm Sewer Enterprise (Unvoted)
60-15 Linworth Rd/Meeklynn Dr Storm Sewer	150,000	-	-	-	-	-	150,000	Voted 2016 Debt - Storm
60-15 Linworth Rd/Meeklynn Dr Storm Sewer	1,000,000	-	-	-	-	-	1,000,000	WPCLF/OWDA
Linden Neighborhood Stormwater System Improvements Phase 2	900,000	-	-	-	-	-	900,000	WPCLF/OWDA
Detention Basin Modifications IV	-	-	-	-	100,000	100,000	200,000	Storm Sewer Enterprise (Unvoted)
Detention Basin Modifications IV	-	-	-	-	-	650,000	650,000	WPCLF/OWDA
Detention Basin Modifications V	-	-	-	-	-	100,000	100,000	Storm Sewer Enterprise (Unvoted)
Old Beechwood Area Stormwater System Improvements	504,000	-	-	-	-	-	504,000	Voted 2016 Debt - Storm
Old Beechwood Area Stormwater System Improvements	1,700,000	-	-	-	-	-	1,700,000	WPCLF/OWDA
Joint Storm Sewer Projects with DPS	-	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000	Storm Sewer Enterprise (Unvoted)
Joint Storm Sewer Projects with DPS	1,000,000	1,000,000	-	-	-	-	2,000,000	Voted 2016 Debt - Storm
Franklinton Area Stormwater System Improvements	-	-	2,000,000	-	-	-	2,000,000	Storm Sewer Enterprise (Unvoted)
Franklinton Area Stormwater System Improvements	5,000,000	-	-	-	-	-	5,000,000	Voted 2016 Debt - Storm
Franklinton Area Stormwater System Improvements	-	-	15,000,000	-	-	-	15,000,000	WPCLF/OWDA
SMOC Facility Stormwater Improvements	480,000	-	-	-	-	-	480,000	Voted 2016 Debt - Storm
SMOC Facility Stormwater Improvements	3,200,000	-	-	-	-	-	3,200,000	WPCLF/OWDA
ST-21, ST-22, ST-23 Improvements	1,650,000	-	3,000,000	-	-	-	4,650,000	Voted 2016 Debt - Storm
ST-21, ST-22, ST-23 Improvements	-	-	28,200,000	-	-	-	28,200,000	WPCLF/OWDA
SMOC SCADA Modernization at Remote Stormwater Facilities	-	-	1,850,000	-	540,000	-	2,390,000	Storm Sewer Enterprise (Unvoted)
SMOC SCADA Modernization at Remote Stormwater Facilities	-	-	-	-	3,600,000	-	3,600,000	WPCLF/OWDA
Krieger Court Stormwater Improvements	200,000	375,000	-	-	-	-	575,000	Voted 2016 Debt - Storm
Krieger Court Stormwater Improvements	-	2,500,000	-	-	-	-	2,500,000	WPCLF/OWDA
Tw in Lakes Upper Dam and Greenlaw n Low Head Dam Improvements	1,350,000	-	-	-	-	-	1,350,000	Voted 2016 Debt - Storm
Tw in Lakes Upper Dam and Greenlaw n Low Head Dam Improvements	1,500,000	7,000,000	-	-	-	-	8,500,000	WPCLF/OWDA
Barnett Road Stormwater Improvements Project	-	255,000	-	-	-	-	255,000	Voted 2016 Debt - Storm
Barnett Road Stormwater Improvements Project	-	1,700,000	-	-	-	-	1,700,000	WPCLF/OWDA

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM									
DEPARTMENT PROJECT		2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Storm Sewer Assessment - Hilltop 2 Blueprint Area		-	-	-	-	-	2,000,000	2,000,000	Storm Sewer Enterprise (Unvoted)
Cooke Rd. Culvert Improvements Project		-	97,500	-	-	-	-	97,500	Voted 2016 Debt - Storm
Cooke Rd. Culvert Improvements Project		-	650,000	-	-	-	-	650,000	WPCLF/OWDA
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		-	4,000,000	-	-	-	-	4,000,000	WPCLF/OWDA
Mound Street Floodwall and WCLPP Repairs		500,000	50,000	-	-	-	-	550,000	Voted 2016 Debt - Storm
Mound Street Floodwall and WCLPP Repairs		-	2,200,000	-	-	-	-	2,200,000	WPCLF/OWDA
Floodwall Closure Evaluations		750,000	400,000	-	-	-	-	1,150,000	Voted 2016 Debt - Storm
Floodwall Closure Evaluations		-	4,000,000	-	-	-	-	4,000,000	WPCLF/OWDA
Thurston Grimsby Storm Sewer Improvements Project		-	127,875	127,875	-	-	-	255,750	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	-	-	-	488,250	Voted 2016 Debt - Storm
Astor Bernhard Storm Sewer Improvements		-	-	-	1,627,500	-	-	1,627,500	WPCLF/OWDA
Gertrude Lattimer Storm Sewer Improvements		-	-	-	616,125	-	-	616,125	Storm Sewer Enterprise (Unvoted)
Gertrude Lattimer Storm Sewer Improvements		-	616,125	-	-	-	-	616,125	Voted 2016 Debt - Storm
Gertrude Lattimer Storm Sewer Improvements		-	-	-	-	4,107,500	-	4,107,500	WPCLF/OWDA
Plum Ridge Storm Improvements		-	-	-	174,375	-	-	174,375	Storm Sewer Enterprise (Unvoted)
Plum Ridge Storm Improvements		-	174,375	-	-	-	-	174,375	Voted 2016 Debt - Storm
Plum Ridge Storm Improvements		-	-	-	-	1,162,500	-	1,162,500	WPCLF/OWDA
Minor Stormwater Drainage Improvements		-	-	-	300,000	300,000	300,000	900,000	Storm Sewer Enterprise (Unvoted)
Minor Stormwater Drainage Improvements		-	130,000	130,000	-	-	-	260,000	Voted 2016 Debt - Storm
Minor Stormwater Drainage Improvements		-	-	-	1,700,000	1,700,000	1,700,000	5,100,000	WPCLF/OWDA
Major Stormwater Drainage Improvements		-	-	780,000	1,400,000	1,400,000	1,400,000	4,980,000	Storm Sewer Enterprise (Unvoted)
Major Stormwater Drainage Improvements		620,000	620,000	620,000	-	-	-	1,860,000	Voted 2016 Debt - Storm
Major Stormwater Drainage Improvements		-	-	7,850,000	7,850,000	7,850,000	7,850,000	31,400,000	WPCLF/OWDA
Storm Sewer Lining Projects		-	-	-	150,000	150,000	150,000	450,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Lining Projects		-	150,000	150,000	-	-	-	300,000	Voted 2016 Debt - Storm
Storm Sewer Lining Projects		-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	WPCLF/OWDA
Northwest Stormwater Study		600,000	-	-	-	-	-	600,000	Voted 2016 Debt - Storm
Subtotal - STORM SEWER		\$ 25,154,000	\$ 30,340,000	\$ 65,302,000	\$ 22,220,500	\$ 28,460,000	\$ 21,800,000	\$ 193,276,500	
SANITARY SEWERS									
Real Time Control Sewer System Optimization, Part 2		\$ -	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,000,000	Sanitary Sewer Enterprise (Unvoted)
Real Time Control Sewer System Optimization, Part 2		500,000	500,000	-	-	-	-	1,000,000	Voted 2016 Debt - Sanitary Sewer
SSES Overall Engineering Consultant (OEC) Services		300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Sanitary Sewer
Overall Engineering Consultants (OEC) 2022-2026		-	-	300,000	300,000	300,000	300,000	1,200,000	Sanitary Sewer Enterprise (Unvoted)
Overall Engineering Consultants (OEC) 2022-2026		-	300,000	-	-	-	-	300,000	Voted 2019 Debt - Sanitary
Big Walnut Sanitary Trunk Extension, Phase 2		1,000,000	997,366	-	-	-	-	1,997,366	Voted 2016 Debt - Sanitary Sewer
Big Walnut Sanitary Trunk Extension, Phase 2		-	3,802,634	-	-	-	-	3,802,634	Voted 2019 Debt - Sanitary
Big Walnut Sanitary Trunk Extension, Phase 2		88,750,000	-	-	-	-	-	88,750,000	WPCLF/OWDA
Central College Subtrunk Extension Phase 3		-	1,300,000	-	-	-	-	1,300,000	Voted 2019 Debt - Sanitary
60-05 Rocky Fork-Blacklick Connector Sewer		-	-	-	3,600,000	500,000	3,600,000	7,700,000	Sanitary Sewer Enterprise (Unvoted)
General Engineering Services - Sanitary - 2019		400,000	400,000	-	-	-	-	800,000	Voted 2016 Debt - Sanitary Sewer
General Engineering Services - Sanitary - 2022		-	-	400,000	400,000	-	-	800,000	Sanitary Sewer Enterprise (Unvoted)
General Engineering Services - Sanitary - 2025		-	-	-	-	400,000	400,000	800,000	Sanitary Sewer Enterprise (Unvoted)
Williams and Castle Interceptor		-	-	-	-	7,500,000	1,000,000	8,500,000	Sanitary Sewer Enterprise (Unvoted)
Williams and Castle Interceptor		2,000,000	-	-	-	-	-	2,000,000	Voted 2016 Debt - Sanitary Sewer
Williams and Castle Interceptor		-	-	3,000,000	-	-	-	3,000,000	Voted 2019 Debt - Sanitary
Williams and Castle Interceptor		-	-	-	-	80,000,000	-	80,000,000	WPCLF/OWDA
DOSD Roof Replacements, No. 2		2,875,000	-	-	-	-	-	2,875,000	Voted 2016 Debt - Sanitary Sewer
DOSD Roof Replacements, No. 2		-	2,380,000	-	-	-	-	2,380,000	Voted 2019 Debt - Sanitary
DOSD Roof Replacements, No. 3		-	-	2,634	3,150,000	3,150,000	2,350,000	8,652,634	Sanitary Sewer Enterprise (Unvoted)
DOSD Roof Replacements, No. 3		-	250,000	3,147,366	-	-	-	3,397,366	Voted 2019 Debt - Sanitary
DOSD Roof Replacements, No. 4		-	-	-	-	-	195,000	195,000	Sanitary Sewer Enterprise (Unvoted)

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
JPWWTP Digester Improvements	3,311,000	-	-	-	-	-	3,311,000	Voted 2016 Debt - Sanitary Sewer
JPWWTP Digester Improvements	-	7,740,000	-	-	-	-	7,740,000	Voted 2019 Debt - Sanitary
JPWWTP Digester Improvements	-	43,000,000	-	-	-	-	43,000,000	WPCLF/OWDA
JPWWTP, Support Facilities	-	-	-	-	-	284,000	284,000	Sanitary Sewer Enterprise (Unvoted)
Jackson Pike WWTP Aeration Optimization	-	-	-	2,640,000	3,760,000	-	6,400,000	Sanitary Sewer Enterprise (Unvoted)
Jackson Pike WWTP Aeration Optimization	-	-	-	-	20,000,000	-	20,000,000	WPCLF/OWDA
Jackson Pike A-Plant Secondary Clarifier Electrical Upgrades & Miscellaneous Imp	-	-	825,000	1,155,000	2,820,000	-	4,800,000	Sanitary Sewer Enterprise (Unvoted)
Jackson Pike A-Plant Secondary Clarifier Electrical Upgrades & Miscellaneous Imp	-	-	-	-	15,000,000	-	15,000,000	WPCLF/OWDA
JPWWTP Sludge Dewatering Improvements	-	-	-	-	-	1,045,000	1,045,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Cogeneration Facility	2,595,560	-	-	-	-	-	2,595,560	Voted 2016 Debt - Sanitary Sewer
JPWWTP Cogeneration Facility	25,911,854	-	-	-	-	-	25,911,854	WPCLF/OWDA
JPWWTP Screening Improvements	-	1,880,000	-	-	-	-	1,880,000	Voted 2019 Debt - Sanitary
JPWWTP Screening Improvements	-	10,000,000	-	-	-	-	10,000,000	WPCLF/OWDA
JPWWTP Power Monitoring System	-	-	128,000	180,000	-	-	308,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Power Monitoring System	-	-	-	1,000,000	-	-	1,000,000	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	-	-	-	-	700,000	Voted 2016 Debt - Sanitary Sewer
DFU General Engineering Consultant Services (GEC) #4	500,000	500,000	-	-	-	-	1,000,000	Voted 2016 Debt - Sanitary Sewer
DFU General Engineering Consultant Services (GEC) #5	-	-	500,000	500,000	-	-	1,000,000	Sanitary Sewer Enterprise (Unvoted)
DFU General Engineering Consultant Services (GEC) #5	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Sanitary Sewer
DFU General Engineering Consultant Services (GEC) #5	-	500,000	-	-	-	-	500,000	Voted 2019 Debt - Sanitary
DFU General Engineering Consultant Services (GEC) #6	-	-	500,000	500,000	500,000	500,000	2,000,000	Sanitary Sewer Enterprise (Unvoted)
DFU General Engineering Consultant Services (GEC) #7	-	-	-	-	500,000	500,000	1,000,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Small Capital Projects	-	-	-	1,100,000	1,100,000	1,100,000	3,300,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Small Capital Projects	1,450,000	-	-	-	-	-	1,450,000	Voted 2016 Debt - Sanitary Sewer
JPWWTP Small Capital Projects	-	1,100,000	1,100,000	-	-	-	2,200,000	Voted 2019 Debt - Sanitary
JPWWTP Incinerator Building Rehabilitation	-	2,300,000	-	-	-	-	2,300,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Small Capital Projects	-	-	-	1,100,000	1,100,000	1,100,000	3,300,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Small Capital Projects	600,000	1,600,000	-	-	-	-	2,200,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Small Capital Projects	-	-	1,100,000	-	-	-	1,100,000	Voted 2019 Debt - Sanitary
SWWTP Incinerator Building - South Rehabilitation	-	-	-	-	-	600,000	600,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP ERC/FRC MCC Replacement	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Sanitary Sewer
Compost Facility Small Capital Projects	-	-	-	-	-	400,000	400,000	Sanitary Sewer Enterprise (Unvoted)
Fairwood Building Facilities Small Capital Projects	-	-	350,000	350,000	350,000	350,000	1,400,000	Sanitary Sewer Enterprise (Unvoted)
Fairwood Building Facilities Small Capital Projects	-	350,000	-	-	-	-	350,000	Voted 2019 Debt - Sanitary
SMOC Vehicle Maintenance Fluid System Replacement	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Sanitary Sewer
WWTFs Professional Construction Management Services #2	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Sanitary Sewer
WWTFs Professional Construction Management Services - HVAC Replacement	264,000	-	-	-	-	-	264,000	Voted 2016 Debt - Sanitary Sewer
WWTFs Professional Construction Management Services - Roof Replacement	250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Sanitary Sewer
WWTFs Professional Construction Management Services #3	-	-	485,000	485,000	485,000	485,000	1,940,000	Sanitary Sewer Enterprise (Unvoted)
WWTFs Professional Construction Management Services #3	-	485,000	-	-	-	-	485,000	Voted 2019 Debt - Sanitary
DOSD HVAC and Air Purification System Replacements, No. 1	2,336,000	2,400,000	-	-	-	-	4,736,000	Voted 2016 Debt - Sanitary Sewer
DOSD HVAC and Air Purification System Replacements, No. 2	-	-	-	1,300,000	1,300,000	2,400,000	5,000,000	Sanitary Sewer Enterprise (Unvoted)
DOSD HVAC and Air Purification System Replacements, No. 2	-	300,000	1,300,000	-	-	-	1,600,000	Voted 2019 Debt - Sanitary
DOSD HVAC and Air Purification System Replacements, No. 3	-	-	-	-	-	300,000	300,000	Sanitary Sewer Enterprise (Unvoted)
Jackson Pike WWTP Stormwater and Floodplain Improvements	890,000	800,000	-	-	-	-	1,690,000	Voted 2016 Debt - Sanitary Sewer
Jackson Pike WWTP Stormwater and Floodplain Improvements	-	5,000,000	-	-	-	-	5,000,000	WPCLF/OWDA
Land Acquisition	-	-	-	-	-	7,500,000	7,500,000	Sanitary Sewer Enterprise (Unvoted)
DOSD Electrical Upgrades Program	-	-	-	12,000,000	12,000,000	900,000	24,900,000	Sanitary Sewer Enterprise (Unvoted)
DOSD Electrical Upgrades Program	11,200,000	6,000,000	-	-	-	-	17,200,000	Voted 2016 Debt - Sanitary Sewer
DOSD Electrical Upgrades Program	-	-	6,000,000	-	-	-	6,000,000	Voted 2019 Debt - Sanitary
WWTFs Instrumentation and Control (I&C) Integration and Programming Part 2	500,000	500,000	-	-	-	-	1,000,000	Voted 2016 Debt - Sanitary Sewer
WWTFs Instrumentation and Control (I&C) Integration and Programming Part 2	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Sanitary
WWTFs Instrumentation and Control (I&C) Integration and Programming #3	-	-	500,000	500,000	500,000	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
WWTFs Instrumentation And Control (I&C) Integration and Programming Team Part 4	-	-	-	-	-	500,000	500,000	Sanitary Sewer Enterprise (Unvoted)

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
SWWTP Sludge Dewatering Improvements	-	-	-	3,363,000	-	1,520,000	4,883,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Sludge Dewatering Improvements	-	-	1,045,000	-	-	-	1,045,000	Voted 2019 Debt - Sanitary
SWWTP Sludge Dewatering Improvements	-	-	-	-	-	19,000,000	19,000,000	WPCLF/OWDA
SWWTP Main Drain Pump Station	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Main Drain Pump Station	2,500,000	-	-	-	-	-	2,500,000	WPCLF/OWDA
SWWTP Digestion Process Expansion	1,504,000	-	-	-	-	-	1,504,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Digestion Process Expansion	1,370,109	-	-	-	-	-	1,370,109	WPCLF/OWDA
SWWTP Cogeneration Revised Capacity	-	-	-	-	1,300,000	2,858,000	4,158,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Digester Process Expansion, Phase II	1,375,000	1,925,000	-	-	-	-	3,300,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Digester Process Expansion, Phase II	-	-	4,700,000	-	-	-	4,700,000	Voted 2019 Debt - Sanitary
SWWTP Digester Process Expansion, Phase II	-	-	24,955,000	-	-	-	24,955,000	WPCLF/OWDA
SWWTP Post Aeration Diffuser Replacement	670,000	-	-	-	-	-	670,000	Voted 2016 Debt - Sanitary Sewer
SWWTP Post Aeration Diffuser Replacement	8,695,000	-	-	-	-	-	8,695,000	WPCLF/OWDA
SWWTP Effluent Sample Pump Station	-	-	110,000	154,000	360,000	-	624,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Effluent Sample Pump Station	-	-	-	-	2,000,000	-	2,000,000	WPCLF/OWDA
SWWTP Power Monitoring System	-	-	160,000	260,000	-	-	420,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Power Monitoring System	-	-	-	1,250,000	-	-	1,250,000	WPCLF/OWDA
Power Quality Analysis	-	-	-	-	500,000	500,000	1,000,000	Sanitary Sewer Enterprise (Unvoted)
WWTFs Phosphorus Removal & Recovery	-	-	-	-	-	1,667,800	1,667,800	Sanitary Sewer Enterprise (Unvoted)
WWTF Upgrade - General Program #4	1,000,000	800,000	-	-	-	-	1,800,000	Voted 2016 Debt - Sanitary Sewer
WWTF Upgrade - General Program #5	-	-	800,000	800,000	800,000	800,000	3,200,000	Sanitary Sewer Enterprise (Unvoted)
East and Far East Return Activated Sludge Sludge Control Bldg Electrical Imp	-	-	220,000	308,000	752,000	-	1,280,000	Sanitary Sewer Enterprise (Unvoted)
East and Far East Return Activated Sludge Sludge Control Bldg Electrical Imp	-	-	-	-	4,000,000	-	4,000,000	WPCLF/OWDA
SWWTP Aeration Optimization	-	-	-	-	3,960,000	5,640,000	9,600,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Aeration Optimization	-	-	-	-	-	30,000,000	30,000,000	WPCLF/OWDA
SWWTP EAC HVAC and Air Purification	300,000	3,240,000	-	-	-	-	3,540,000	Voted 2016 Debt - Sanitary Sewer
Compost Facility Odor Reduction Improvements - Part 2	-	-	-	-	7,835,000	7,835,000	15,670,000	Sanitary Sewer Enterprise (Unvoted)
Compost Facility Odor Reduction Improvements - Part 2	-	-	-	-	-	43,350,000	43,350,000	WPCLF/OWDA
Southerly Stormwater and Floodplain Improvements	1,300,000	800,000	-	-	-	-	2,100,000	Voted 2016 Debt - Sanitary Sewer
Southerly Stormwater and Floodplain Improvements	-	5,000,000	-	-	-	-	5,000,000	WPCLF/OWDA
Sanitary Sewer Lining Project	-	-	-	1,170,000	-	-	1,170,000	Sanitary Sewer Enterprise (Unvoted)
Sanitary Sewer Lining Project	1,170,000	-	-	-	-	-	1,170,000	Voted 2016 Debt - Sanitary Sewer
2021 Annual Lining Contract	850,000	-	-	-	-	-	850,000	Voted 2016 Debt - Sanitary Sewer
2021 Annual Lining Contract	5,000,000	-	-	-	-	-	5,000,000	WPCLF/OWDA
2022 Annual Lining Contract	-	850,000	-	-	-	-	850,000	Voted 2016 Debt - Sanitary Sewer
2022 Annual Lining Contract	-	5,000,000	-	-	-	-	5,000,000	WPCLF/OWDA
2023 Annual Lining Contract	-	-	404,534	-	-	-	404,534	Sanitary Sewer Enterprise (Unvoted)
2023 Annual Lining Contract	-	-	445,466	-	-	-	445,466	Voted 2019 Debt - Sanitary
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
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
Sewer System Capacity Model update 2020	-	-	-	2,000,000	-	-	2,000,000	Sanitary Sewer Enterprise (Unvoted)
Sewer System Capacity Model update 2020	-	2,000,000	-	-	-	-	2,000,000	Voted 2019 Debt - Sanitary
Big Walnut Interceptor Lockbourne Subtrunk Canal Road Area	-	200,000	-	-	-	-	200,000	Voted 2016 Debt - Sanitary Sewer
Big Walnut Interceptor Lockbourne Subtrunk Canal Road Area	-	-	2,000,000	-	-	-	2,000,000	WPCLF/OWDA
Intermodal Sanitary Subtrunk Extension	-	1,000,000	-	-	-	-	1,000,000	Voted 2016 Debt - Sanitary Sewer
Rickenbacker Intermodal Sanitary Extension	1,100,000	-	-	-	-	-	1,100,000	WPCLF/OWDA
Intermodal Sanitary Subtrunk Extension - Phase 2	-	-	550,000	-	-	-	550,000	Voted 2019 Debt - Sanitary
Intermodal Sanitary Subtrunk Extension - Phase 2	-	-	3,500,000	-	-	-	3,500,000	WPCLF/OWDA
DFU Archive / Records Storage and SMOC Locker Room Renovations	429,500	-	-	-	-	-	429,500	Voted 2016 Debt - Sanitary Sewer

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
SMOC Inventory Control Consolidations	250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Sanitary Sewer
SMOC Inventory Control Consolidations	-	3,845,000	-	-	-	-	3,845,000	Voted 2019 Debt - Sanitary
Ohio State University Area Utility Easement Project	50,000	-	-	-	-	-	50,000	Voted 2016 Debt - Sanitary Sewer
Big Walnut Outfall (South) Rehabilitation	652,994	-	-	-	-	-	652,994	Voted 2016 Debt - Sanitary Sewer
Big Walnut Outfall (South) Rehabilitation	-	3,000,000	-	-	-	-	3,000,000	Voted 2019 Debt - Sanitary
Big Walnut Outfall (South) Rehabilitation	-	30,000,000	-	-	-	-	30,000,000	WPCLF/OWDA
Big Walnut Outfall (North) Rehabilitation	-	-	-	300,000	-	-	300,000	Sanitary Sewer Enterprise (Unvoted)
Big Walnut Outfall (North) Rehabilitation	-	1,600,000	-	-	-	-	1,600,000	Voted 2016 Debt - Sanitary Sewer
Big Walnut Outfall (North) Rehabilitation	-	-	-	20,000,000	-	-	20,000,000	WPCLF/OWDA
Lower Olentangy Tunnel - Phase 1	-	-	-	6,000,000	3,000,000	-	9,000,000	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	-	6,000,000	6,000,000	-	-	-	12,000,000	Voted 2019 Debt - Sanitary
Lower Olentangy Tunnel - Phase 1	26,000,000	-	-	-	-	-	26,000,000	WPCLF/OWDA
Large Diameter Sewer Rehabilitation - Alum Creek Trunk South Section/Deshler Tunnel-								
Alum Creek Interceptor Sewer/Truro Sewers	260,000	-	-	-	-	-	260,000	Voted 2016 Debt - Sanitary Sewer
Large Diameter Sewer Rehabilitation - Alum Creek Trunk South Section/Deshler Tunnel-								
Alum Creek Interceptor Sewer/Truro Sewers	14,500,000	-	-	-	-	-	14,500,000	WPCLF/OWDA
OSIS Large Diameter Sewer Rehabilitation	900,000	-	-	-	-	-	900,000	Voted 2016 Debt - Sanitary Sewer
OSIS Large Diameter Sewer Rehabilitation	-	500,000	-	-	-	-	500,000	Voted 2019 Debt - Sanitary
OSIS Large Diameter Sewer Rehabilitation	-	-	6,000,000	-	-	-	6,000,000	WPCLF/OWDA
Center Large Diameter Rehabilitation	2,000,000	-	-	-	-	-	2,000,000	WPCLF/OWDA
West Side Trunk Rehabilitation	100,000	750,000	-	-	-	-	850,000	Voted 2016 Debt - Sanitary Sewer
West Side Trunk Rehabilitation	-	5,000,000	-	-	-	-	5,000,000	WPCLF/OWDA
Large Diameter - Blacklick Creek Main Trunk	675,000	-	-	-	-	-	675,000	Voted 2016 Debt - Sanitary Sewer
Large Diameter - Blacklick Creek Main Trunk	6,250,000	-	-	-	-	-	6,250,000	WPCLF/OWDA
Large Diameter - Scioto Main Trunk	2,435,000	-	-	-	-	-	2,435,000	Voted 2016 Debt - Sanitary Sewer
Large Diameter - Scioto Main Trunk	6,600,000	-	3,800,000	-	-	-	10,400,000	WPCLF/OWDA
Near North & East Area Large Diameter Assessment - Phase 2	375,000	-	-	-	-	-	375,000	Voted 2016 Debt - Sanitary Sewer
Near North & East Area Large Diameter Assessment - Phase 2	-	2,500,000	-	-	-	-	2,500,000	WPCLF/OWDA
Near North & East Area Large Diameter Assessment - Phase 3	-	-	675,000	-	-	-	675,000	Voted 2019 Debt - Sanitary
Near North & East Area Large Diameter Assessment - Phase 3	-	-	4,750,000	-	-	-	4,750,000	WPCLF/OWDA
Near North & East Area Large Diameter Assessment - Phase 4	-	-	-	675,000	-	-	675,000	Sanitary Sewer Enterprise (Unvoted)
Near North & East Area Large Diameter Assessment - Phase 4	-	-	-	4,750,000	-	-	4,750,000	WPCLF/OWDA
Alum Creek Trunk (South) - Phase 2	-	-	50,000	975,000	-	-	1,025,000	Sanitary Sewer Enterprise (Unvoted)
Alum Creek Trunk (South) - Phase 2	600,000	-	-	-	-	-	600,000	Voted 2016 Debt - Sanitary Sewer
Alum Creek Trunk (South) - Phase 2	-	-	-	13,000,000	-	-	13,000,000	WPCLF/OWDA
Alum Creek Trunk (South) - Phase 3	-	-	-	800,000	-	-	800,000	Sanitary Sewer Enterprise (Unvoted)
Alum Creek Trunk (South) - Phase 3	-	600,000	-	-	-	-	600,000	Voted 2016 Debt - Sanitary Sewer
Alum Creek Trunk (South) - Phase 3	-	-	-	-	10,000,000	-	10,000,000	WPCLF/OWDA
Blacklick Creek Sanitary Subtrunk Rehabilitation	-	-	50,000	512,000	-	-	562,000	Sanitary Sewer Enterprise (Unvoted)
Blacklick Creek Sanitary Subtrunk Rehabilitation	512,000	-	-	-	-	-	512,000	Voted 2016 Debt - Sanitary Sewer
Blacklick Creek Sanitary Subtrunk Rehabilitation	-	-	-	6,400,000	-	-	6,400,000	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	-	3,000,000	3,000,000	-	-	-	6,000,000	Voted 2019 Debt - Sanitary
Annual Large Diameter Sewer Assessment	-	-	-	10,312,000	10,312,000	10,312,000	30,936,000	WPCLF/OWDA
Big Walnut Trunk South Rehabilitation	-	-	-	2,000,000	-	900,000	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)
Blacklick Creek Main Trunk (South) Rehabilitation - Phase 2	-	-	-	-	3,000,000	-	3,000,000	WPCLF/OWDA
2021 General Construction Contract	1,150,000	-	-	-	-	-	1,150,000	Voted 2016 Debt - Sanitary Sewer
2022 General Construction Contract	-	1,150,000	-	-	-	-	1,150,000	Voted 2019 Debt - Sanitary
2023 General Construction Contract	-	-	1,150,000	-	-	-	1,150,000	Voted 2019 Debt - Sanitary
2024 General Construction Contract	-	-	-	1,150,000	-	-	1,150,000	Sanitary Sewer Enterprise (Unvoted)
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)
Third Avenue CSO Increased Capture and Green Infrastructure	2,600,000	-	-	-	-	-	2,600,000	WPCLF/OWDA
Moler Street Overflow Intercepting Sewer	2,092,722	-	-	-	-	-	2,092,722	Voted 2016 Debt - Sanitary Sewer
Moler Street Overflow Intercepting Sewer	15,650,159	-	-	-	-	-	15,650,159	WPCLF/OWDA

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
SMOC SCADA Modernization at Remote Sanitary Facilities	-	-	-	-	485,000	-	485,000	Sanitary Sewer Enterprise (Unvoted)
SMOC SCADA Modernization at Remote Sanitary Facilities	-	-	1,800,000	-	-	-	1,800,000	Voted 2019 Debt - Sanitary
SMOC SCADA Modernization at Remote Sanitary Facilities	-	-	-	-	3,200,000	-	3,200,000	WPCLF/OWDA
SMOC SCADA Communication Network Modernization	-	-	-	-	720,000	-	720,000	Sanitary Sewer Enterprise (Unvoted)
SMOC SCADA Communication Network Modernization	-	-	2,400,000	-	-	-	2,400,000	Voted 2019 Debt - Sanitary
SMOC SCADA Communication Network Modernization	-	-	-	-	4,800,000	-	4,800,000	WPCLF/OWDA
Inflow Redirection - Noble & 4th St	50,000	-	-	-	-	-	50,000	Voted 2016 Debt - Sanitary Sewer
Inflow Redirection - Noble & 4th St	450,000	-	-	-	-	-	450,000	WPCLF/OWDA
Inflow Redirection - Kerr / Russell	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Sanitary Sewer
Inflow Redirection - Kerr / Russell	3,000,000	-	-	-	-	-	3,000,000	WPCLF/OWDA
3rd Ave. Blocked Sewer	83,400	-	-	-	-	-	83,400	Voted 2016 Debt - Sanitary Sewer
Inflow Redirection - Markison	68,659	6,342	-	-	-	-	75,001	Voted 2016 Debt - Sanitary Sewer
Inflow Redirection - Markison	-	1,792,958	-	-	-	-	1,792,958	Voted 2019 Debt - Sanitary
Inflow Redirection - Markison	-	19,000,000	-	-	-	-	19,000,000	WPCLF/OWDA
Construction Administration Services 2020 to 2022	100,000	100,000	-	-	-	-	200,000	Voted 2016 Debt - Sanitary Sewer
Construction Administration Services 2023 to 2025	-	-	250,000	100,000	100,000	-	450,000	Sanitary Sewer Enterprise (Unvoted)
Construction Administration Services 2026 to 2028	-	-	-	-	-	250,000	250,000	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	-	-	-	-	-	23,351	23,351	Sanitary Sewer Enterprise (Unvoted)
Second Barrel Interconnector Augmentation	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Sanitary Sewer
Second Barrel Interconnector Augmentation	4,000,000	-	-	-	-	-	4,000,000	WPCLF/OWDA
DSR 177 Closure - Miller Kelton Blueprint Area	-	-	-	-	-	95,251	95,251	Sanitary Sewer Enterprise (Unvoted)
Upsizing Sewer Pipes Project ID 2 Near South	-	1,200,000	-	-	-	-	1,200,000	WPCLF/OWDA
Upsizing Sewer Pipes Project ID 3 Near South	-	440,000	-	-	-	-	440,000	WPCLF/OWDA
Blueprint Linden - Linview Park	487,500	-	-	-	-	-	487,500	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden - Linview Park	3,350,000	-	-	-	-	-	3,350,000	WPCLF/OWDA
Blueprint Hilltop - Palmetto/Westgate	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton - Newton/Bedford	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton - Newton/Bedford	1,000,000	-	-	-	-	-	1,000,000	WPCLF/OWDA
Blueprint Miller Kelton - Kelton/Fairwood	825,000	-	-	-	-	-	825,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton - Kelton/Fairwood	5,500,000	-	-	-	-	-	5,500,000	WPCLF/OWDA
Blueprint 5th Ave by Northwest - Northwest - Sunrise / Glenn	545,000	555,000	-	-	-	-	1,100,000	Voted 2016 Debt - Sanitary Sewer
Blueprint 5th Ave by Northwest - Northwest - Sunrise / Glenn	-	3,700,000	-	-	-	-	3,700,000	WPCLF/OWDA
Blueprint 5th Ave by Northwest - Edgehill / Meadow	350,000	420,000	-	-	-	-	770,000	Voted 2016 Debt - Sanitary Sewer
Blueprint 5th Ave by Northwest - Edgehill / Meadow	-	4,776,000	-	-	-	-	4,776,000	WPCLF/OWDA
Blueprint Winthrop / Milton Area Integrated Solutions	542,412	150,000	-	-	-	-	692,412	Voted 2016 Debt - Sanitary Sewer
Blueprint Winthrop / Milton Area Integrated Solutions	-	-	700,000	-	-	-	700,000	Voted 2019 Debt - Sanitary
Blueprint Winthrop / Milton Area Integrated Solutions	-	-	3,700,000	-	-	-	3,700,000	WPCLF/OWDA
Blueprint Dorris / Weber Area Integrated Solutions	340,000	-	-	-	-	-	340,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Dorris / Weber Area Integrated Solutions	-	-	860,000	-	-	-	860,000	Voted 2019 Debt - Sanitary
Blueprint Dorris / Weber Area Integrated Solutions	-	-	6,600,000	-	-	-	6,600,000	WPCLF/OWDA
Blueprint Fredonia / Piedmont Area Integrated Solutions	700,000	160,000	-	-	-	-	860,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Fredonia / Piedmont Area Integrated Solutions	-	-	815,000	-	-	-	815,000	Voted 2019 Debt - Sanitary
Blueprint Fredonia / Piedmont Area Integrated Solutions	-	-	4,100,000	-	-	-	4,100,000	WPCLF/OWDA
Blueprint Tulane / Findley Area Integrated Solutions	900,000	-	-	-	-	-	900,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Tulane / Findley Area Integrated Solutions	-	-	900,000	-	-	-	900,000	Voted 2019 Debt - Sanitary
Blueprint Tulane / Findley Area Integrated Solutions	-	-	-	6,000,000	-	-	6,000,000	WPCLF/OWDA
Blueprint Milford / Summit Area Integrated Solutions	-	-	200,000	637,500	-	-	837,500	Sanitary Sewer Enterprise (Unvoted)
Blueprint Milford / Summit Area Integrated Solutions	330,000	25,000	-	-	-	-	355,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Milford / Summit Area Integrated Solutions	-	-	-	4,250,000	-	-	4,250,000	WPCLF/OWDA
Blueprint Old Beechwood Area - Integrated Solutions	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Sanitary Sewer
Leland / Highland Area Integrated Solutions	-	-	-	-	873,000	-	873,000	Sanitary Sewer Enterprise (Unvoted)
Charleston / Kanawha Area Integrated Solutions	-	-	-	-	537,605	-	537,605	Sanitary Sewer Enterprise (Unvoted)
Croswell / Beaumont Area Integrated Solutions	-	-	-	-	1,109,674	-	1,109,674	Sanitary Sewer Enterprise (Unvoted)
Jeffrey / Sellers Area Integrated Solutions	-	-	-	-	1,327,418	-	1,327,418	Sanitary Sewer Enterprise (Unvoted)

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Blueprint Hilltop 4 - Highland / Harris	200,000	795,000	-	-	-	-	995,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Hilltop 4 - Highland / Harris	-	-	5,300,000	-	-	-	5,300,000	WPCLF/OWDA
Blueprint W. Franklinton - Yale / Edwin	-	-	-	500,000	-	250,000	750,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint W. Franklinton - Green / Glenwood	-	-	-	675,000	-	200,000	875,000	Sanitary Sewer Enterprise (Unvoted)
Green Infrastructure - James Livingston 4	-	-	-	-	-	100,000	100,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Near South - Morrill/Ann Area Integrated Solutions	-	-	-	-	200,000	50,000	250,000	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	-	-	-	-	200,000	1,308,375	1,508,375	Sanitary Sewer Enterprise (Unvoted)
Blueprint Near South - Champion/Roberts Area Integrated Solutions	-	699,140	-	-	-	-	699,140	Voted 2016 Debt - Sanitary Sewer
Blueprint Near South - Champion/Roberts Area Integrated Solutions	-	-	-	-	-	4,033,500	4,033,500	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Permeable Pavers	736,000	543,541	-	-	-	-	1,279,541	Voted 2016 Debt - Sanitary Sewer
Blueprint Hilltop 1 Eureka / Fremont Permeable Pavers	4,720,000	-	-	-	-	-	4,720,000	WPCLF/OWDA
Astor / Bernhard Integrated Solutions	-	-	279,015	150,000	-	-	429,015	Sanitary Sewer Enterprise (Unvoted)
Astor / Bernhard Integrated Solutions	-	543,541	-	-	-	-	543,541	Voted 2016 Debt - Sanitary Sewer
Astor / Bernhard Integrated Solutions	-	-	-	2,790,150	-	-	2,790,150	WPCLF/OWDA
Thurston / Grimsby Integrated Solutions	-	-	140,610	150,000	-	-	290,610	Sanitary Sewer Enterprise (Unvoted)
Thurston / Grimsby Integrated Solutions	-	290,529	-	-	-	-	290,529	Voted 2016 Debt - Sanitary Sewer
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 2016 Debt - Sanitary Sewer
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 2016 Debt - Sanitary Sewer
Plum Ridge Integrated Solutions	-	-	-	-	2,046,450	-	2,046,450	WPCLF/OWDA
Blueprint Miller Kelton - Kent/Fairwood Permeable Pavers	525,000	-	-	-	-	-	525,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Miller Kelton - Kent/Fairwood Permeable Pavers	3,500,000	-	-	-	-	-	3,500,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 1	-	-	-	-	-	540,000	540,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 1	-	-	-	-	-	3,600,000	3,600,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 2	-	-	-	-	-	540,000	540,000	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Blueprint Clintonville 3 Project 2	-	-	-	-	-	3,500,000	3,500,000	WPCLF/OWDA
Roof Redirection - Blueprint Clintonville 3 Project 3	-	-	-	-	-	540,000	540,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Linden 1 Downspout Redirection Project 1	529,942	-	-	-	-	-	529,942	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Downspout Redirection Project 1	3,532,944	-	-	-	-	-	3,532,944	WPCLF/OWDA
Blueprint Linden 1 Downspout Redirection Project 2	-	529,942	-	-	-	-	529,942	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Downspout Redirection Project 2	-	3,532,944	-	-	-	-	3,532,944	WPCLF/OWDA
Blueprint Linden 1 Downspout Redirection Project 3	-	529,942	-	-	-	-	529,942	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Downspout Redirection Project 3	-	3,532,944	-	-	-	-	3,532,944	WPCLF/OWDA
Blueprint Linden 1 Downspout Redirection Project 4	-	529,942	-	-	-	-	529,942	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Downspout Redirection Project 4	-	3,532,944	-	-	-	-	3,532,944	WPCLF/OWDA
Blueprint Linden 1 Downspout Redirection Project 5	-	529,942	-	-	-	-	529,942	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Downspout Redirection Project 5	-	3,532,944	-	-	-	-	3,532,944	WPCLF/OWDA
Blueprint Linden 1 Downspout Redirection Project 6	-	-	529,942	-	-	-	529,942	Voted 2019 Debt - Sanitary
Blueprint Linden 1 Downspout Redirection Project 6	-	-	3,532,944	-	-	-	3,532,944	WPCLF/OWDA
Blueprint Linden 1 Downspout Redirection Project 7	-	-	529,942	-	-	-	529,942	Voted 2019 Debt - Sanitary
Blueprint Linden 1 Downspout Redirection Project 7	-	-	3,532,944	-	-	-	3,532,944	WPCLF/OWDA
Blueprint Linden 1 Downspout Redirection Project 8	-	-	529,942	-	-	-	529,942	Voted 2019 Debt - Sanitary
Blueprint Linden 1 Downspout Redirection Project 8	-	-	3,532,944	-	-	-	3,532,944	WPCLF/OWDA
Roof Redirection - 5th by Northwest, Phase 1	-	-	-	-	445,568	-	445,568	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - 5th by Northwest, Phase 1	-	-	-	-	2,970,450	-	2,970,450	WPCLF/OWDA
Roof Redirection - 5th by Northwest, Phase 2	-	-	-	-	445,568	-	445,568	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - 5th by Northwest, Phase 2	-	-	-	-	2,970,450	-	2,970,450	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 1	-	-	607,500	-	-	-	607,500	Voted 2019 Debt - Sanitary
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 1	-	-	4,050,000	-	-	-	4,050,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 2	-	-	607,500	-	-	-	607,500	Voted 2019 Debt - Sanitary
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 2	-	-	4,050,000	-	-	-	4,050,000	WPCLF/OWDA

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 3	-	-	607,500	-	-	-	607,500	Voted 2019 Debt - Sanitary
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 3	-	-	4,050,000	-	-	-	4,050,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 4	-	-	607,500	-	-	-	607,500	Voted 2019 Debt - Sanitary
Blueprint Hilltop 1 Palmetto / Westgate Roof Redirection Project 4	-	-	4,050,000	-	-	-	4,050,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 5	-	-	607,500	-	-	-	607,500	Voted 2019 Debt - Sanitary
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 5	-	-	-	4,050,000	-	-	4,050,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 6	-	-	-	607,500	-	-	607,500	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 6	-	-	-	4,050,000	-	-	4,050,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 7	-	-	-	607,500	-	-	607,500	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 7	-	-	-	4,050,000	-	-	4,050,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 8	-	-	-	607,500	-	-	607,500	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Roof Redirection Project 8	-	-	-	4,050,000	-	-	4,050,000	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 1	-	-	-	-	-	494,773	494,773	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 1	-	-	-	-	-	3,298,488	3,298,488	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 2	-	-	-	-	-	494,773	494,773	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 2	-	-	-	-	-	3,298,488	3,298,488	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 3	-	-	-	-	-	494,773	494,773	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 3	-	-	-	-	-	3,298,488	3,298,488	WPCLF/OWDA
Roof Redirection - Hilltop 4, Phase 4	-	-	-	-	-	494,773	494,773	Sanitary Sewer Enterprise (Unvoted)
Roof Redirection - Hilltop 4, Phase 4	-	-	-	-	-	3,298,488	3,298,488	WPCLF/OWDA
Blueprint Miller-Kelton Newton / Bedford Roof Redirection Project 1	-	-	-	525,000	-	-	525,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Newton / Bedford Roof Redirection Project 1	-	-	-	3,500,000	-	-	3,500,000	WPCLF/OWDA
Blueprint Miller-Kelton Newton / Bedford Roof Redirection Project 2	-	-	-	525,000	-	-	525,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Newton / Bedford Roof Redirection Project 2	-	-	-	3,500,000	-	-	3,500,000	WPCLF/OWDA
Blueprint Miller-Kelton Fairwood / Kent Roof Redirection Project 3	-	-	-	-	525,000	-	525,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Fairwood / Kent Roof Redirection Project 3	-	-	-	-	3,500,000	-	3,500,000	WPCLF/OWDA
Blueprint Miller-Kelton Fairwood / Kent Roof Redirection Project 4	-	-	-	-	525,000	-	525,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Fairwood / Kent Roof Redirection Project 4	-	-	-	-	3,500,000	-	3,500,000	WPCLF/OWDA
Lateral Lining - Hilltop 2 Blueprint area	-	-	-	-	-	12,852,135	12,852,135	WPCLF/OWDA
Lateral Lining - Blueprint Clintonville 3 Project 1	-	-	-	-	-	502,000	502,000	Sanitary Sewer 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 Sewer 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 Sewer Enterprise (Unvoted)
Blueprint Linden 1 Lateral Lining Project 1	492,089	-	-	-	-	-	492,089	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Lateral Lining Project 1	3,280,591	-	-	-	-	-	3,280,591	WPCLF/OWDA
Blueprint Linden 1 Lateral Lining Project 2	-	3,280,591	-	-	-	-	3,280,591	WPCLF/OWDA
Blueprint Linden 1 Lateral Lining Project 3	-	492,089	-	-	-	-	492,089	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Lateral Lining Project 3	-	3,280,591	-	-	-	-	3,280,591	WPCLF/OWDA
Blueprint Linden 1 Lateral Lining Project 4	-	492,089	-	-	-	-	492,089	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Lateral Lining Project 4	-	3,280,591	-	-	-	-	3,280,591	WPCLF/OWDA
Blueprint Linden 1 Lateral Lining Project 5	-	492,089	-	-	-	-	492,089	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Lateral Lining Project 5	-	3,280,591	-	-	-	-	3,280,591	WPCLF/OWDA
Blueprint Linden 1 Lateral Lining Project 6	-	-	492,089	-	-	-	492,089	Sanitary Sewer Enterprise (Unvoted)
Blueprint Linden 1 Lateral Lining Project 6	-	-	3,280,591	-	-	-	3,280,591	WPCLF/OWDA
Blueprint Linden 1 Lateral Lining Project 7	-	-	492,089	-	-	-	492,089	Sanitary Sewer Enterprise (Unvoted)
Blueprint Linden 1 Lateral Lining Project 7	-	-	3,280,591	-	-	-	3,280,591	WPCLF/OWDA
Blueprint Linden 1 Lateral Lining Project 8	-	-	492,089	-	-	-	492,089	Sanitary Sewer Enterprise (Unvoted)
Blueprint Linden 1 Lateral Lining Project 8	-	-	3,280,591	-	-	-	3,280,591	WPCLF/OWDA
Lateral Lining - 5th by Northwest, Phase 1	-	-	-	-	413,741	-	413,741	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - 5th by Northwest, Phase 1	-	-	-	-	2,758,275	-	2,758,275	WPCLF/OWDA
Lateral Lining - 5th by Northwest, Phase 2	-	-	-	-	413,741	-	413,741	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - 5th by Northwest, Phase 2	-	-	-	-	2,758,275	-	2,758,275	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 1	-	-	570,000	-	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 1	-	-	3,800,000	-	-	-	3,800,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 2	-	-	570,000	-	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 2	-	-	3,800,000	-	-	-	3,800,000	WPCLF/OWDA

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 3	-	-	570,000	-	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 3	-	-	3,800,000	-	-	-	3,800,000	WPCLF/OWDA
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 4	-	-	570,000	-	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Palmetto / Westgate Lateral Lining Project 4	-	-	3,800,000	-	-	-	3,800,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 5	-	-	570,000	-	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 5	-	-	-	3,800,000	-	-	3,800,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 6	-	-	-	570,000	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 6	-	-	-	3,800,000	-	-	3,800,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 7	-	-	-	570,000	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 7	-	-	-	3,800,000	-	-	3,800,000	WPCLF/OWDA
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 8	-	-	-	570,000	-	-	570,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Hilltop 1 Eureka / Fremont Lateral Lining Project 8	-	-	-	3,800,000	-	-	3,800,000	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 1	-	-	-	-	-	459,432	459,432	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 1	-	-	-	-	-	3,062,881	3,062,881	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 2	-	-	-	-	-	459,432	459,432	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 2	-	-	-	-	-	3,062,881	3,062,881	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 3	-	-	-	-	-	459,432	459,432	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 3	-	-	-	-	-	3,062,881	3,062,881	WPCLF/OWDA
Lateral Lining - Hilltop 4, Phase 4	-	-	-	-	-	459,432	459,432	Sanitary Sewer Enterprise (Unvoted)
Lateral Lining - Hilltop 4, Phase 4	-	-	-	-	-	3,062,881	3,062,881	WPCLF/OWDA
Blueprint Miller-Kelton Newton / Bedford Lateral Lining Project 1	-	-	-	487,500	-	-	487,500	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Newton / Bedford Lateral Lining Project 1	-	-	-	3,250,000	-	-	3,250,000	WPCLF/OWDA
Blueprint Miller-Kelton Newton / Bedford Lateral Lining Project 2	-	-	-	487,500	-	-	487,500	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Fairwood / Kent Lateral Lining Project 3	-	-	-	-	487,500	-	487,500	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller-Kelton Fairwood / Kent Lateral Lining Project 3	-	-	-	-	3,250,000	-	3,250,000	WPCLF/OWDA
BP Near South Lateral Lining 2	-	-	-	3,250,000	-	-	3,250,000	WPCLF/OWDA
BP Near South Lateral Lining 4	-	-	-	-	487,500	-	487,500	Sanitary Sewer Enterprise (Unvoted)
BP Near South Lateral Lining 4	-	-	-	-	3,250,000	-	3,250,000	WPCLF/OWDA
Mainline Lining - Clintonville 2 Blueprint Area	-	-	-	-	440,000	540,000	980,000	Sanitary Sewer Enterprise (Unvoted)
Mainline Lining - Clintonville 2 Blueprint Area	-	-	-	-	5,788,486	-	5,788,486	WPCLF/OWDA
Mainline Lining - Hilltop 2 Blueprint Area	-	-	-	-	-	1,145,250	1,145,250	Sanitary Sewer Enterprise (Unvoted)
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 - Blueprint Clintonville 1, Project 3	1,055,355	-	-	-	-	-	1,055,355	Voted 2016 Debt - Sanitary Sewer
Volunteer Sump Pump Program - Blueprint North Linden 1, Phase 3	-	-	1,388,625	-	-	-	1,388,625	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint North Linden 1, Phase 4	-	-	-	2,082,938	-	-	2,082,938	Sanitary Sewer Enterprise (Unvoted)
Volunteer Sump Pump Program - Blueprint Clintonville 3 Project 1	-	907,750	-	-	-	-	907,750	Voted 2019 Debt - Sanitary
Volunteer Sump Pump Program - Blueprint Clintonville 3 Project 2	-	-	-	2,379,178	-	-	2,379,178	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 5th by Northwest	462,875	-	-	-	-	-	462,875	Voted 2016 Debt - Sanitary Sewer
Volunteer Sump Pump Program - Blueprint Hilltop 4, Phase 1	452,875	-	-	-	-	-	452,875	Voted 2016 Debt - Sanitary Sewer
Volunteer Sump Pump Program - Blueprint Hilltop 4, Phase 2	-	-	925,750	-	-	-	925,750	Voted 2019 Debt - Sanitary
Blueprint Hilltop 1 Volunteer Sump Pump Program Project 3	-	-	-	1,851,500	-	-	1,851,500	Sanitary Sewer Enterprise (Unvoted)
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 2019 Debt - Sanitary
Volunteer Sump Pump Program - Blueprint James Livingston 5, Phase 2	-	-	-	-	1,388,625	-	1,388,625	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	462,875	Sanitary Sewer Enterprise (Unvoted)
Blueprint Professional Construction Management Services	-	-	-	1,900,000	1,100,000	1,500,000	4,500,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Professional Construction Management Services	800,000	-	-	-	-	-	800,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Professional Construction Management Services	-	1,900,000	1,600,000	-	-	-	3,500,000	Voted 2019 Debt - Sanitary

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Blueprint Linden 1 Professional Construction Management Services	700,000	-	-	-	-	-	700,000	Voted 2016 Debt - Sanitary Sewer
Blueprint Linden 1 Professional Construction Management Services	-	1,200,000	-	-	-	-	1,200,000	Voted 2019 Debt - Sanitary
Scioto Main Sanitary Pump Stations	-	4,500,000	-	-	-	-	4,500,000	Voted 2019 Debt - Sanitary
Scioto Main Sanitary Pump Stations	-	12,500,000	-	-	-	-	12,500,000	WPCLF/OWDA
Scioto Main Sanitary Trunk Sewer Rehabilitation	1,300,000	-	-	-	-	-	1,300,000	Voted 2016 Debt - Sanitary Sewer
Scioto Main Sanitary Trunk Sewer Rehabilitation	-	15,000,000	-	-	-	-	15,000,000	WPCLF/OWDA
Meeklynn Drive Area Sanitary Sewer	450,000	-	-	-	-	-	450,000	Voted 2016 Debt - Sanitary Sewer
Meeklynn Drive Area Sanitary Sewer	3,000,000	-	-	-	-	-	3,000,000	WPCLF/OWDA
HSTS Elimination Program	-	-	-	200,000	200,000	200,000	600,000	Sanitary Sewer Enterprise (Unvoted)
HSTS Elimination Program	-	-	-	-	-	1,450,000	1,450,000	WPCLF/OWDA
Williams / Behm HSTS Elimination Project	66,723	-	-	-	-	-	66,723	WPCLF/OWDA
Dyer / Lazar HSTS Elimination Project	220,000	-	-	-	-	-	220,000	Voted 2016 Debt - Sanitary Sewer
Dyer / Lazar HSTS Elimination Project	1,560,000	-	-	-	-	-	1,560,000	WPCLF/OWDA
Brooklyn / Cleveland HSTS Elimination Project	275,000	-	-	-	-	-	275,000	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	100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Sanitary Sewer
Community Park / Maple Canyon HSTS Elimination Project	-	-	200,000	-	-	-	200,000	Voted 2019 Debt - Sanitary
Community Park / Maple Canyon HSTS Elimination Project	-	1,800,000	-	-	-	-	1,800,000	WPCLF/OWDA
Barnett / E Deshler HSTS Elimination Project	100,000	136,959	-	-	-	-	236,959	Voted 2016 Debt - Sanitary Sewer
Barnett / E Deshler HSTS Elimination Project	-	750,000	-	-	-	-	750,000	WPCLF/OWDA
Olentangy River Rd / Snouffer Rd HSTS Elimination Project	-	-	100,000	120,000	-	-	220,000	Sanitary Sewer Enterprise (Unvoted)
Olentangy River Rd / Snouffer Rd HSTS Elimination Project	-	200,000	-	-	-	-	200,000	Voted 2016 Debt - Sanitary Sewer
Olentangy River Rd / Snouffer Rd HSTS Elimination Project	-	-	-	850,000	-	-	850,000	WPCLF/OWDA
Sunbury Rd / Mock Rd HSTS Elimination Project	100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Sanitary Sewer
Sunbury Rd / Mock Rd HSTS Elimination Project	-	-	350,000	-	-	-	350,000	Voted 2019 Debt - Sanitary
Sunbury Rd / Mock Rd HSTS Elimination Project	-	-	2,500,000	-	-	-	2,500,000	WPCLF/OWDA
Spangler Rd / Williams Rd HSTS Elimination Project	-	-	270,000	100,000	270,000	-	640,000	Sanitary Sewer Enterprise (Unvoted)
Spangler Rd / Williams Rd HSTS Elimination Project	-	-	-	-	2,000,000	-	2,000,000	WPCLF/OWDA
Lockbourne Rd / Williams Rd HSTS Elimination Project	-	-	-	200,000	100,000	200,000	500,000	Sanitary Sewer Enterprise (Unvoted)
Lockbourne Rd / Williams Rd HSTS Elimination Project	-	-	-	-	-	1,500,000	1,500,000	WPCLF/OWDA
Blueprint Affordability Update	-	500,000	-	-	-	-	500,000	Voted 2016 Debt - Sanitary Sewer
Subtotal - SANITARY SEWERS	\$ 320,151,263	\$ 281,349,599	\$ 188,151,948	\$ 214,515,232	\$ 276,493,227	\$ 261,744,101	\$ 1,542,405,370	
ELECTRICITY								
UIRF Funded Street Lighting Projects (Urban Infrastructure Recovery Fund)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 505,000	\$ 505,000	Councilmanic SIT Supported
UIRF Funded Street Lighting Projects (Urban Infrastructure Recovery Fund)	505,000	-	-	-	-	-	505,000	Voted 2016 Debt - Electricity
UIRF Funded Street Lighting Projects (Urban Infrastructure Recovery Fund)	-	505,000	505,000	505,000	505,000	-	2,020,000	Voted 2019 Debt - Electricity
Conversion to 3 Wire	-	-	-	-	300,000	-	300,000	Electricity Enterprise (Unvoted)
Conversion to 3 Wire	300,000	-	-	-	-	-	300,000	Voted 2016 Debt - Electricity
Conversion to 3 Wire	-	300,000	300,000	300,000	-	-	900,000	Voted 2019 Debt - Electricity
Jackson Pike Substation DT-1E Transformer Repl. (2013)	-	-	-	1,500,000	-	-	1,500,000	Voted 2019 Debt - Electricity
Jackson Pike Substation DT-2M Transformer	-	-	-	-	1,495,000	1,500,000	2,995,000	Electricity Enterprise (Unvoted)
Jackson Pike Substation DT-2M Transformer	-	-	-	-	5,000	-	5,000	Voted 2019 Debt - Electricity
Furnace St. Substation DT-1 Transformer Replacement	-	-	1,500,000	-	-	-	1,500,000	Voted 2019 Debt - Electricity
Circuit 14054 Reliability Improvements	3,250,000	-	-	-	-	-	3,250,000	Voted 2016 Debt - Electricity
Circuit 14043 Reliability Improvements - Phase 1	-	2,300,000	2,300,000	-	-	-	4,600,000	Voted 2019 Debt - Electricity
Circuit 7221 Reliability Improvements	-	-	-	2,500,000	-	-	2,500,000	Voted 2019 Debt - Electricity
Fitzroy & Morse Rd Street Lighting	-	-	-	-	-	116,800	116,800	Electricity Enterprise (Unvoted)
Cline Rd. Street Lighting	-	-	150,000	635,000	-	-	785,000	Voted 2019 Debt - Electricity
Sawmill Road Streetlighting	-	100,000	700,000	-	-	-	800,000	Voted 2019 Debt - Electricity
Westerville Road Street Lighting	-	-	-	-	-	444,000	444,000	Electricity Enterprise (Unvoted)
Smoky Row Street Lighting	-	-	-	-	-	1,323,620	1,323,620	Electricity Enterprise (Unvoted)
GENERAL ENGINEERING CONTRACT 2019 - 2022	150,000	-	-	-	-	-	150,000	Voted 2016 Debt - Electricity
GENERAL ENGINEERING CONTRACT 2022-2025	-	-	-	-	150,000	100,000	250,000	Electricity Enterprise (Unvoted)
GENERAL ENGINEERING CONTRACT 2022-2025	-	150,000	150,000	150,000	-	-	450,000	Voted 2019 Debt - Electricity

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
2020 - 2022 - General CA/CI - Power	-	-	-	-	100,000	100,000	200,000	Electricity Enterprise (Unvoted)
2020 - 2022 - General CA/CI - Power	100,000	-	-	-	-	-	100,000	Voted 2016 Debt - Electricity
2020 - 2022 - General CA/CI - Power	-	100,000	100,000	100,000	-	-	300,000	Voted 2019 Debt - Electricity
Circuit 237 Street Lighting Improvement Upgrade	-	-	-	-	-	1,785,171	1,785,171	Electricity Enterprise (Unvoted)
SMART Streetlighting	-	-	-	-	3,500,000	3,500,000	7,000,000	Electricity Enterprise (Unvoted)
SMART Streetlighting	3,500,000	3,500,000	-	-	-	-	7,000,000	Voted 2016 Debt - Electricity
SMART Streetlighting	-	-	3,500,000	3,500,000	-	-	7,000,000	Voted 2019 Debt - Electricity
Substation Relay Upgrades	200,000	165,000	-	-	-	-	365,000	Voted 2016 Debt - Electricity
Substation Relay Upgrades	-	35,000	200,000	-	-	-	235,000	Voted 2019 Debt - Electricity
Voltage Conversions and Reconductoring	-	-	-	-	1,000,000	1,000,000	2,000,000	Electricity Enterprise (Unvoted)
Circuit 576 Street Lighting Improvements	-	-	-	-	120,000	1,000,000	1,120,000	Electricity Enterprise (Unvoted)
Circuit 577 Street Lighting Improvements	-	-	-	-	900,000	-	900,000	Electricity Enterprise (Unvoted)
Circuit 577 Street Lighting Improvements	-	-	-	180,000	-	-	180,000	Voted 2019 Debt - Electricity
Circuit 23 Street Lighting Improvements	-	-	-	-	85,000	30,000	115,000	Electricity Enterprise (Unvoted)
McNaughton Road Street Lights	-	-	-	-	745,000	-	745,000	Electricity Enterprise (Unvoted)
McNaughton Road Street Lights	-	-	-	100,000	-	-	100,000	Voted 2019 Debt - Electricity
Noe Bixby Road Street Lights	75,000	490,000	-	-	-	-	565,000	Voted 2016 Debt - Electricity
Refugee Road Street Lights	550,000	-	-	-	-	-	550,000	Voted 2016 Debt - Electricity
Circuit 79 Street Lighting Improvements	-	90,000	640,000	-	-	-	730,000	Voted 2019 Debt - Electricity
Circuit 157 Street Lighting Improvements	850,000	-	-	-	-	-	850,000	Voted 2016 Debt - Electricity
Circuits 128 and 80 Street Lighting Improvements	65,000	425,000	-	-	-	-	490,000	Voted 2016 Debt - Electricity
Circuits 574 and 772 Street Lighting Improvements	-	-	135,000	1,035,000	-	-	1,170,000	Voted 2019 Debt - Electricity
Jackson Pke Substation Modernization	-	2,200,000	-	-	-	-	2,200,000	Voted 2016 Debt - Electricity
Small Circuit Streetlight Replacement	-	-	225,000	-	-	-	225,000	Voted 2019 Debt - Electricity
Subtotal - ELECTRICITY	\$ 9,545,000	\$ 10,360,000	\$ 10,405,000	\$ 10,505,000	\$ 8,905,000	\$ 11,404,591	\$ 61,124,591	
WATER								
Misc. Erosion Control	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	Voted 2016 Debt - Water
Misc. Erosion Control	-	-	100,000	100,000	-	-	200,000	Voted 2019 Debt - Water
Misc. Erosion Control	-	-	-	-	100,000	100,000	200,000	Water Enterprise (Unvoted)
Miscellaneous Water Facilities	90,000	-	-	-	-	-	90,000	Voted 2013 Debt - Water
Miscellaneous Water Facilities	10,000	100,000	100,000	-	-	-	210,000	Voted 2016 Debt - Water
Miscellaneous Water Facilities	-	-	-	100,000	-	-	100,000	Voted 2019 Debt - Water
Miscellaneous Water Facilities	-	-	-	-	100,000	100,000	200,000	Water Enterprise (Unvoted)
Indianola Facility Improvements	-	-	21,200,000	-	-	-	21,200,000	Voted 2019 Debt - Water
Rinehart Public Utilities Complex Exterior Site Improvements	-	-	-	-	500,000	-	500,000	Water Enterprise (Unvoted)
Distribution Maintenance Area Imp's	-	-	400,000	-	-	-	400,000	Voted 2019 Debt - Water
910 Dublin Road Garage Roof Replacement	-	-	694,119	-	-	-	694,119	Voted 2016 Debt - Water
910 Dublin Road Garage Roof Replacement	-	-	805,881	-	-	-	805,881	Voted 2019 Debt - Water
Water Main Rehabilitation	3,425,000	6,000,000	4,000,000	-	-	-	13,425,000	Voted 2016 Debt - Water
Water Main Rehabilitation	-	-	400,000	4,000,000	10,174,119	-	14,574,119	Voted 2019 Debt - Water
Water Main Rehabilitation	-	-	-	-	23,000,000	23,000,000	46,000,000	WSRLA Loan
Water Main Rehabilitation	-	-	-	-	1,825,881	12,000,000	13,825,881	Water Enterprise (Unvoted)
Ziegler Ave. Area WL Imp's	140,000	-	-	-	-	-	140,000	Voted 2013 Debt - Water
Ziegler Ave. Area WL Imp's	400,000	-	-	-	-	-	400,000	WSRLA Loan
Atwood Terrace Area WL Imp's	-	400,000	-	-	-	-	400,000	Voted 2016 Debt - Water
Atwood Terrace Area WL Imp's	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Greenway Ave. Area WL Imp's	-	400,000	-	-	-	-	400,000	Voted 2016 Debt - Water
Greenway Ave. Area WL Imp's	-	3,000,000	-	-	-	-	3,000,000	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
Mock Road Area Water Line Improvements	400,000	-	-	-	-	-	400,000	Voted 2013 Debt - Water
Mock Road Area Water Line Improvements	3,000,000	-	-	-	-	-	3,000,000	WSRLA Loan
Edsel Avenue Area Water Line Improvements	450,000	-	-	-	-	-	450,000	Voted 2013 Debt - Water
Edsel Avenue Area Water Line Improvements	3,500,000	-	-	-	-	-	3,500,000	WSRLA Loan

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Homestead Drive Area Water Line Improvements (fka #59)	-	400,000	-	-	-	-	400,000	Voted 2016 Debt - Water
Homestead Drive Area Water Line Improvements (fka #59)	-	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
Roswell Drive Area Water Line Imp's (fka #61)	-	400,000	-	-	-	-	400,000	Voted 2016 Debt - Water
Roswell Drive Area Water Line Imp's (fka #61)	-	3,200,000	-	-	-	-	3,200,000	WSRLA Loan
Livingston Ave Phase B W.L. Imp's	100,000	-	-	-	-	-	100,000	Voted 2013 Debt - Water
Transit Pipe Replacement	400,000	-	-	-	-	-	400,000	Voted 2013 Debt - Water
Transit Pipe Replacement	3,500,000	-	-	-	-	-	3,500,000	WSRLA Loan
Sunrise Glenn WL Imp's	-	50,000	-	-	-	-	50,000	Voted 2016 Debt - Water
Sunrise Glenn WL Imp's	-	400,000	-	-	-	-	400,000	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	-	450,000	-	-	-	-	450,000	Voted 2016 Debt - Water
Miller Ave. Area WL Imp's	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Roosevelt Ave. Area WL Imp's	-	450,000	-	-	-	-	450,000	Voted 2016 Debt - Water
Roosevelt Ave. Area WL Imp's	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Project No. 65 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Project No. 65 W.M. Replacement	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Project No. 65 W.M. Replacement	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 66 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Project No. 66 W.M. Replacement	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Project No. 66 W.M. Replacement	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 67 W.M. Replacement	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Project No. 67 W.M. Replacement	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Project No. 67 W.M. Replacement	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 68 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 68 W.M. Replacement	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Project No. 68 W.M. Replacement	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 69 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 69 W.M. Replacement	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Project No. 69 W.M. Replacement	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 70 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 70 W.M. Replacement	-	-	450,000	-	-	-	450,000	Voted 2019 Debt - Water
Project No. 70 W.M. Replacement	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 71 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 71 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 71 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 72 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 72 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 72 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 73 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 73 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 73 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 74 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 74 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 74 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 75 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 75 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 75 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 76 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 76 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 76 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 77 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 77 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 77 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Project No. 78 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 78 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 78 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 79 W.M. Replacement	-	300,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Project No. 79 W.M. Replacement	-	-	-	450,000	-	-	450,000	Voted 2019 Debt - Water
Project No. 79 W.M. Replacement	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Barnett Road Water Main Imp's	-	450,000	-	-	-	-	450,000	Voted 2016 Debt - Water
Olde Beechwood Area Water Line Imp's	400,000	-	-	-	-	-	400,000	Voted 2013 Debt - Water
Eureka-Fremont Area Water Line Improvements	200,000	-	-	-	-	-	200,000	Voted 2013 Debt - Water
Kent-Fairwood Area Water Line Improvements	200,000	-	-	-	-	-	200,000	Voted 2013 Debt - Water
Palmetto/Westgate Water Line Improvements	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Palmetto/Westgate Water Line Improvements	1,000,000	-	-	-	-	-	1,000,000	WSRLA Loan
Cassady Ave. Water Line Improvements	-	-	460,000	-	-	-	460,000	Voted 2019 Debt - Water
New World Drive WL Imp's	575,000	-	-	-	-	-	575,000	Voted 2013 Debt - Water
O'Shaughnessy Dam FERC Independent Consultant Review	450,000	-	-	-	-	-	450,000	Voted 2013 Debt - Water
DRWP Miscellaneous Improvements	175,000	-	-	-	-	-	175,000	Voted 2013 Debt - Water
DRWP Miscellaneous Improvements	-	150,000	-	-	-	-	150,000	Voted 2016 Debt - Water
DRWP Miscellaneous Improvements	-	-	125,000	125,000	-	-	250,000	Voted 2019 Debt - Water
DRWP Miscellaneous Improvements	-	-	-	-	125,000	125,000	250,000	Water Enterprise (Unvoted)
DRWP Misc. Imp's - Exterior Door and Window Replacement	-	-	-	1,500,000	-	-	1,500,000	Voted 2019 Debt - Water
DRWP Misc. Imp's - Educational Signage & Displays	-	150,000	-	-	-	-	150,000	Voted 2016 Debt - Water
DRWP Alum Feed Improvements	-	-	-	250,000	-	-	250,000	Voted 2019 Debt - Water
HCWP Misc. Improvements	350,000	-	-	-	-	-	350,000	Voted 2013 Debt - Water
HCWP Misc. Improvements	-	115,000	-	-	-	-	115,000	Voted 2016 Debt - Water
HCWP Misc. Improvements	-	-	120,000	120,000	-	-	240,000	Voted 2019 Debt - Water
HCWP Misc. Improvements	-	-	-	-	125,000	125,000	250,000	Water Enterprise (Unvoted)
HCWP Misc Imp's - Raw Water Screen Replacement	-	-	-	-	-	3,500,000	3,500,000	WSRLA Loan
HCWP Misc Imp's - Raw Water Screen Replacement	-	-	-	-	500,000	400,000	900,000	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	-	-	-	300,000	-	-	300,000	Voted 2019 Debt - Water
PAWP Facility Misc. Improvements	125,000	-	-	-	-	-	125,000	Voted 2013 Debt - Water
PAWP Facility Misc. Improvements	-	125,000	-	-	-	-	125,000	Voted 2016 Debt - Water
PAWP Facility Misc. Improvements	-	-	125,000	125,000	-	-	250,000	Voted 2019 Debt - Water
PAWP Facility Misc. Improvements	-	-	-	-	5,000,000	125,000	5,125,000	Water Enterprise (Unvoted)
PAWP Misc. Imp's - Lime Slaker and Soda Ash Feeder Replacement	100,000	-	-	-	-	-	100,000	Voted 2013 Debt - Water
PAWP Misc. Imp's - Lime Slaker and Soda Ash Feeder Replacement	924,000	-	-	-	-	-	924,000	WSRLA Loan
PAWP Misc. Imp's - Control Room Renovation	-	350,000	-	-	-	-	350,000	Voted 2016 Debt - Water
PAWP Misc. Imp's - Control Room Renovation	-	2,500,000	-	-	-	-	2,500,000	WSRLA Loan
PAWP Misc. Imp's - Chemical Storage Tank Imp's	-	-	-	500,000	-	-	500,000	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	-	-	800,000	-	-	-	800,000	Voted 2019 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	1,150,000	-	-	-	-	-	1,150,000	Voted 2013 Debt - Water
Automatic Meter Reading	-	1,900,000	-	-	-	-	1,900,000	Voted 2016 Debt - Water
Automatic Meter Reading	-	-	1,900,000	1,900,000	-	-	3,800,000	Voted 2019 Debt - Water
Automatic Meter Reading - Equipment 2019	20,000,000	-	-	-	-	-	20,000,000	WSRLA Loan
Watershed Roadway Improvements - Part 5	175,000	-	-	-	-	-	175,000	Voted 2013 Debt - Water
Watershed Roadway Improvements - Part 5	-	250,000	50,000	-	-	-	300,000	Voted 2016 Debt - Water
Watershed Roadway Improvements - Part 6	-	-	-	-	500,000	-	500,000	Water Enterprise (Unvoted)
HCWP Basin Concrete Rehab.	230,000	-	-	-	-	-	230,000	Voted 2013 Debt - Water
HCWP Basin Concrete Rehab.	1,270,000	-	-	-	-	-	1,270,000	Voted 2016 Debt - Water
HCWP Basin Concrete Rehabilitation Part 2	32,000,000	-	-	-	-	-	32,000,000	WSRLA Loan

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
HCWP Pump Improvements	200,000	200,000	225,000	-	-	-	625,000	Voted 2016 Debt - Water
HCWP Pump Improvements	-	-	-	225,000	-	-	225,000	Voted 2019 Debt - Water
HCWP Pump Improvements	-	-	-	-	225,000	-	225,000	Water Enterprise (Unvoted)
Water Meter Renewal	200,000	200,000	200,000	-	-	-	600,000	Voted 2016 Debt - Water
Water Meter Renewal	-	-	-	2,500,000	-	-	2,500,000	Voted 2019 Debt - Water
Water Meter Renewal	-	-	-	-	2,500,000	-	2,500,000	Water Enterprise (Unvoted)
Valve Renewal Program	2,000,000	-	-	-	-	-	2,000,000	Voted 2016 Debt - Water
Valve Renewal Program	-	-	2,000,000	-	-	-	2,000,000	Voted 2019 Debt - Water
Valve Renewal Program	-	-	-	-	2,000,000	-	2,000,000	Water Enterprise (Unvoted)
Watershed Misc. Improv. Facilities	115,000	115,000	120,000	-	-	-	350,000	Voted 2016 Debt - Water
Watershed Misc. Improv. Facilities	-	-	-	120,000	-	-	120,000	Voted 2019 Debt - Water
Watershed Misc. Improv. Facilities	-	-	-	-	125,000	-	125,000	Water Enterprise (Unvoted)
Griggs Dam - Spillway, Abutment and Scour Mitigation Imp's	-	-	-	400,000	-	-	400,000	Voted 2019 Debt - Water
Griggs Dam - Spillway, Abutment and Scour Mitigation Imp's	-	-	-	-	3,550,000	-	3,550,000	Water Enterprise (Unvoted)
Hoover Dam Imp's - Part 1	500,000	300,000	-	-	-	-	800,000	Voted 2016 Debt - Water
Hoover Dam Imp's - Part 2	-	-	700,000	7,800,000	-	-	8,500,000	Voted 2019 Debt - Water
Watershed Misc. Imp's - Hoover Maintenance Complex Fuel System	-	-	-	-	750,000	-	750,000	Water Enterprise (Unvoted)
Watershed Protection Easements	50,000	50,000	-	-	-	-	100,000	Voted 2016 Debt - Water
Watershed Protection Easements	-	-	50,000	50,000	-	-	100,000	Voted 2019 Debt - Water
Watershed Protection Easements	-	-	-	-	50,000	-	50,000	Water Enterprise (Unvoted)
Gen'l Eng Svcs - Supply Group 2018A	400,000	400,000	-	-	-	-	800,000	Voted 2016 Debt - Water
Gen'l Eng Svcs - Supply Group 2018B	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Gen'l Eng Svcs - Supply Group 2021A	-	-	400,000	400,000	-	-	800,000	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	-	-	800,000	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	1,000,000	-	-	-	-	-	1,000,000	Voted 2016 Debt - Water
Misc. Booster Station and Water Tank Imp's	1,000,000	1,000,000	-	-	-	-	2,000,000	Voted 2016 Debt - Water
Misc. Booster Station and Water Tank Imp's	-	-	1,000,000	1,000,000	-	-	2,000,000	Voted 2019 Debt - Water
Misc. Booster Station and Water Tank Imp's	-	-	-	-	1,000,000	1,000,000	2,000,000	Water Enterprise (Unvoted)
Water Storage Tank Painting	-	3,500,000	-	-	-	-	3,500,000	Voted 2016 Debt - Water
Water Storage Tank Painting	-	-	3,500,000	1,500,000	-	-	5,000,000	Voted 2019 Debt - Water
Water Storage Tank Painting	-	-	-	-	1,000,000	2,000,000	3,000,000	Water Enterprise (Unvoted)
Security Enhancements - HCWP	-	-	-	-	5,000,000	-	5,000,000	Water Enterprise (Unvoted)
Security Enhancements - DRWP	-	-	-	-	-	5,000,000	5,000,000	Water Enterprise (Unvoted)
Security Enhancements - PAWP	-	-	-	5,000,000	-	-	5,000,000	Voted 2019 Debt - Water
PAWP Hypochlorite Disinfection Improvements	1,700,000	-	-	-	-	-	1,700,000	WSRLA Loan
HCWP Window Replacement	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
Dublin Road 30" Water Line	900,000	-	-	-	-	-	900,000	Voted 2016 Debt - Water
Dublin Road 30" Water Line	10,000,000	-	-	-	-	-	10,000,000	WSRLA Loan
Water Quality Assurance Lab Renovations	1,300,000	-	-	-	-	-	1,300,000	WSRLA Loan
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	-	250,000	-	-	-	-	250,000	Voted 2016 Debt - Water
Water Distribution System SCADA Improvements	-	-	-	2,250,000	-	-	2,250,000	Voted 2019 Debt - Water
DRWP Laboratory Upgrades	-	2,000,000	-	-	-	-	2,000,000	WSRLA Loan
DRWP Central Maintenance Shop	-	-	-	500,000	-	-	500,000	Voted 2019 Debt - Water
DRWP Central Maintenance Shop	-	-	-	-	200,000	-	200,000	Water Enterprise (Unvoted)
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)

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
Gen'l Engineering Services - Distribution Group	-	600,000	-	-	-	-	600,000	Voted 2016 Debt - Water
Gen'l Engineering Services - Distribution Group	-	-	600,000	600,000	-	-	1,200,000	Voted 2019 Debt - Water
Gen'l Engineering Services - Distribution Group	-	-	-	-	600,000	600,000	1,200,000	Water Enterprise (Unvoted)
2020 - 2022 Gen'l Engineering Services - Distribution Group	600,000	-	-	-	-	-	600,000	Voted 2016 Debt - Water
Karl Road Water Tank	-	500,000	-	-	-	-	500,000	Voted 2016 Debt - Water
Karl Road Water Tank	-	-	-	6,000,000	-	-	6,000,000	Voted 2019 Debt - Water
Condition Assessment Program	-	-	1,500,000	-	-	-	1,500,000	Voted 2019 Debt - Water
Condition Assessment Program	-	-	-	-	1,500,000	-	1,500,000	Water Enterprise (Unvoted)
Residuals Management Plan Update - Pt. 2	400,000	250,000	-	-	-	-	650,000	Voted 2016 Debt - Water
Residuals Management Plan Update - Pt. 2	-	-	250,000	-	-	-	250,000	Voted 2019 Debt - Water
General Architectural Services - Division of Water 2018	300,000	300,000	-	-	-	-	600,000	Voted 2016 Debt - Water
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	-	-	600,000	Voted 2019 Debt - Water
HCWP Lime and Soda Ash Dust Collection System Improvements	200,000	-	-	-	-	-	200,000	Voted 2016 Debt - Water
HCWP Lime and Soda Ash Dust Collection System Improvements	750,000	-	-	-	-	-	750,000	WSRLA Loan
General CA/CI for Water Projects	-	-	-	-	-	250,000	250,000	Water Enterprise (Unvoted)
General Construction (CA-CI) for 2020, 2021, 2022	250,000	250,000	-	-	-	-	500,000	Voted 2016 Debt - Water
General Construction (CA-CI) for 2023, 2024, 2025	-	-	250,000	250,000	-	-	500,000	Voted 2019 Debt - Water
General Construction (CA-CI) for 2023, 2024, 2025	-	-	-	-	250,000	-	250,000	Water Enterprise (Unvoted)
Plant Drain & Water System Imp's	650,000	-	-	-	-	-	650,000	Voted 2016 Debt - Water
Plant Drain & Water System Imp's	4,000,000	-	-	-	-	-	4,000,000	WSRLA Loan
Professional Construction Management (PCM) - Part II	250,000	-	-	-	-	-	250,000	Voted 2016 Debt - Water
Laboratory Upgrades	675,000	225,000	-	-	-	-	900,000	Voted 2016 Debt - Water
Dam Engineering Services (DES)	150,000	150,000	-	-	-	-	300,000	Voted 2016 Debt - Water
Dam Engineering Services (DES)	-	-	150,000	150,000	-	-	300,000	Voted 2019 Debt - Water
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	-	-	-	-	500,000	-	500,000	Water Enterprise (Unvoted)
HCWP Clearwell Improvements	-	-	250,000	-	-	-	250,000	Voted 2019 Debt - Water
PAWP Lagoon Sludge Removal	-	-	250,000	-	-	-	250,000	Voted 2019 Debt - Water
PAWP Lagoon Sludge Removal	-	-	-	-	-	250,000	250,000	Water Enterprise (Unvoted)
DRWP Automation Upgrade	-	2,600,000	-	-	-	-	2,600,000	Voted 2016 Debt - Water
PAWP Remote Site Improvements	-	200,000	-	-	-	-	200,000	Voted 2016 Debt - Water
PAWP Remote Site Improvements	-	-	400,000	400,000	-	-	800,000	Voted 2019 Debt - Water
PAWP Remote Site Improvements	-	-	-	3,200,000	-	-	3,200,000	WSRLA Loan
Elevator Improvements	-	400,000	-	-	-	-	400,000	Voted 2016 Debt - Water
Watershed Signage Master Plan	-	250,000	-	-	-	-	250,000	Voted 2016 Debt - Water
Watershed Signage Master Plan	-	-	250,000	-	-	-	250,000	Voted 2019 Debt - Water
DOW Risk Mitigation Measure Upgrades	-	-	-	-	-	600,000	600,000	Water Enterprise (Unvoted)
DOW LIMS Upgrade	-	-	600,000	-	-	-	600,000	Voted 2019 Debt - Water
Electrical Power System Studies	400,000	300,000	-	-	-	-	700,000	Voted 2016 Debt - Water
Electrical Power System Studies	-	-	300,000	-	-	-	300,000	Voted 2019 Debt - Water
DOW Safety Improvements	500,000	-	-	-	-	-	500,000	Voted 2016 Debt - Water
DOW Safety Improvements	-	-	2,050,000	-	-	-	2,050,000	Voted 2019 Debt - Water
DRWP Caustic Feed Improvements	50,000	250,000	-	-	-	-	300,000	Voted 2016 Debt - Water
DRWP Caustic Feed Improvements	-	600,000	-	-	-	-	600,000	WSRLA Loan
PAWP Treatment Residuals Disposal Improvements	-	3,000,000	-	-	-	-	3,000,000	Voted 2016 Debt - Water
PAWP Treatment Residuals Disposal Improvements	-	21,400,000	-	-	-	-	21,400,000	WSRLA Loan
PAWP Wellfield Development	400,000	1,050,000	-	-	-	-	1,450,000	Voted 2016 Debt - Water
PAWP Wellfield Development	-	-	700,000	-	-	-	700,000	Voted 2019 Debt - Water
PAWP Wellfield Development	-	-	6,000,000	-	-	-	6,000,000	WSRLA Loan
DOW Perimeter Fence Improvements	-	750,000	-	-	-	-	750,000	Voted 2016 Debt - Water
Large Diameter Valve Replacement	-	-	-	200,000	-	-	200,000	Voted 2019 Debt - Water
Large Diameter Valve Replacement	-	-	-	-	-	3,000,000	3,000,000	WSRLA Loan
Large Diameter Valve Replacement	-	-	-	-	200,000	-	200,000	Water Enterprise (Unvoted)

Capital Improvements Program

2021 - 2026 CAPITAL IMPROVEMENTS PROGRAM								
DEPARTMENT PROJECT	2021	2022	2023	2024	2025	2026	Total Budget	Funding Source
PAWP Backwash Pump Replacement	-	-	350,000	-	-	-	350,000	Voted 2019 Debt - Water
PAWP Backwash Pump Replacement	-	-	-	-	1,250,000	-	1,250,000	WSRLA Loan
PAWP Backwash Pump Replacement	-	-	-	-	250,000	-	250,000	Water Enterprise (Unvoted)
Upground Reservoir Embankment Repairs - 2023	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
Watershed Boathouse Improvements	-	-	225,000	-	-	-	225,000	Voted 2019 Debt - Water
Watershed Boathouse Improvements	-	-	-	-	600,000	-	600,000	Water Enterprise (Unvoted)
Professional Construction Management (PCM) - 2018	1,750,000	4,000,000	-	-	-	-	5,750,000	Voted 2016 Debt - Water
Professional Construction Management (PCM) - 2020	9,000,000	9,000,000	6,000,000	-	-	-	24,000,000	Voted 2016 Debt - Water
Professional Construction Management (PCM) - 2020	-	-	-	2,000,000	-	-	2,000,000	Voted 2019 Debt - Water
Professional Construction Management (PCM) - 2023	-	-	2,000,000	5,000,000	-	-	7,000,000	Voted 2019 Debt - Water
Professional Construction Management (PCM) - 2023	-	-	-	-	4,500,000	3,500,000	8,000,000	Water Enterprise (Unvoted)
Professional Construction Management (PCM) - 2026	-	-	-	-	1,500,000	5,000,000	6,500,000	Water Enterprise (Unvoted)
Olentangy River Road 24-Inch Water Main (Phase 2)	400,000	-	-	-	-	-	400,000	Voted 2016 Debt - Water
Large Diameter Valve Replacement Program	-	-	-	1,000,000	-	-	1,000,000	Voted 2019 Debt - Water
Large Diameter Valve Replacement Program	-	-	-	-	-	1,000,000	1,000,000	Water Enterprise (Unvoted)
Large Diameter Valve Replacement Part 2	1,120,000	-	-	-	-	-	1,120,000	Voted 2016 Debt - Water
Large Diameter Valve Replacement Part 3	-	1,150,000	-	-	-	-	1,150,000	Voted 2016 Debt - Water
PAWP Filter Console Replacement	-	-	-	200,000	-	-	200,000	Voted 2019 Debt - Water
PAWP Filter Console Replacement	-	-	-	-	-	600,000	600,000	WSRLA Loan
PAWP Filter Console Replacement	-	-	-	-	100,000	-	100,000	Water Enterprise (Unvoted)
McKinley Avenue Quarry Dewatering Facility	-	1,100,000	4,000,000	-	-	-	5,100,000	Voted 2016 Debt - Water
McKinley Avenue Quarry Dewatering Facility	-	-	-	-	-	34,000,000	34,000,000	WSRLA Loan
McKinley Avenue Quarry Dewatering Facility	-	-	-	-	3,100,000	-	3,100,000	Water Enterprise (Unvoted)
DRWP Residuals Handling Improvements	-	-	2,750,000	-	-	-	2,750,000	Voted 2019 Debt - Water
DRWP Residuals Handling Improvements	-	-	-	-	25,000,000	-	25,000,000	WSRLA Loan
DRWP Residuals Handling Improvements	-	-	-	-	1,750,000	-	1,750,000	Water Enterprise (Unvoted)
HOWP Residuals Handling Improvements	-	-	750,000	1,650,000	-	-	2,400,000	Voted 2019 Debt - Water
HOWP Residuals Handling Improvements	-	-	-	-	16,000,000	-	16,000,000	WSRLA Loan
HOWP Residuals Handling Improvements	-	-	-	-	1,500,000	900,000	2,400,000	Water Enterprise (Unvoted)
Hudson Street 24" Water Line Improvements	750,000	-	-	-	-	-	750,000	Voted 2016 Debt - Water
Pickaway County Wellfield Development	-	-	-	-	-	1,250,000	1,250,000	Water Enterprise (Unvoted)
PAWP Wellfield Development - Well #XXX	-	-	1,500,000	-	-	-	1,500,000	Voted 2019 Debt - Water
PAWP Wellfield Development - Well #XXX	-	-	-	-	1,300,000	500,000	1,800,000	Water Enterprise (Unvoted)
Fourth Water Plant	-	-	-	-	-	4,000,000	4,000,000	Water Enterprise (Unvoted)
HOWP Polymer Feed Improvements	-	-	-	-	200,000	-	200,000	Water Enterprise (Unvoted)
Ohio State University Area Utility Easement Project - Water	120,881	-	-	-	-	-	120,881	Voted 2016 Debt - Water
Lockbourne Road Quarry Embankment Improvements	2,500,000	-	-	-	-	-	2,500,000	Voted 2016 Debt - Water
White Sulphur Quarry Improvements	-	-	-	3,000,000	-	-	3,000,000	Voted 2019 Debt - Water
PAWP Pump Improvements	150,000	150,000	150,000	-	-	-	450,000	Voted 2016 Debt - Water
PAWP Pump Improvements	-	-	-	150,000	-	-	150,000	Voted 2019 Debt - Water
PAWP Pump Improvements	-	-	-	-	150,000	150,000	300,000	Water Enterprise (Unvoted)
Merchant Road Property Demolition	-	-	500,000	-	-	-	500,000	Voted 2019 Debt - Water
HOWP Caustic System Improvements	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
DRWP Pump Improvements	200,000	200,000	200,000	-	-	-	600,000	Voted 2016 Debt - Water
DRWP Pump Improvements	-	-	-	200,000	-	-	200,000	Voted 2019 Debt - Water
DRWP Pump Improvements	-	-	-	-	200,000	200,000	400,000	Water Enterprise (Unvoted)
Subtotal - WATER	\$ 124,069,881	\$ 107,780,000	\$ 96,200,000	\$ 88,565,000	\$ 123,000,000	\$ 111,275,000	\$ 650,889,881	
Total	\$ 578,965,144	\$ 530,294,599	\$ 459,358,948	\$ 438,210,732	\$ 538,543,227	\$ 511,168,692	\$ 3,056,541,342	

Capital Improvements Program

2021-2026 CAPITAL IMPROVEMENTS PROGRAM							
FUNDING SUMMARY BY DIVISION							
DIVISION	2021	2022	2023	2024	2025	2026	Total Budget
Dev Administration	\$ 3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 3,600,000	\$ 21,600,000
Construction Management	8,690,000	8,690,000	8,690,000	8,690,000	8,690,000	8,690,000	52,140,000
Fleet Management	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
Police	1,680,000	1,680,000	1,680,000	1,680,000	1,680,000	1,680,000	10,080,000
Fire	7,320,000	7,320,000	7,320,000	7,320,000	7,320,000	7,320,000	43,920,000
Transportation	43,905,000	43,905,000	43,905,000	43,905,000	43,905,000	43,905,000	263,430,000
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	25,154,000	30,340,000	65,302,000	22,220,500	28,460,000	21,800,000	193,276,500
Sanitary Sewers	320,151,263	281,349,599	188,151,948	214,515,232	276,493,227	261,744,101	1,542,405,370
Electricity	9,545,000	10,360,000	10,405,000	10,505,000	8,905,000	11,404,591	61,124,591
Water	124,069,881	107,780,000	96,200,000	88,565,000	123,000,000	111,275,000	650,889,881
Recreation and Parks	22,780,000	22,780,000	22,780,000	22,780,000	22,780,000	22,780,000	136,680,000
DoT Administration	5,190,000	5,610,000	4,445,000	7,550,000	6,830,000	10,090,000	39,715,000
Total	\$ 578,965,144	\$ 530,294,599	\$ 459,358,948	\$ 438,210,732	\$ 538,543,227	\$ 511,168,692	\$ 3,056,541,342

Capital Improvements Program

2021-2026 CAPITAL IMPROVEMENTS PROGRAM FUNDING SUMMARY BY SOURCE							
FUNDING SOURCE	2021	2022	2023	2024	2025	2026	Total Budget
Voted 2019 SIT Supported	\$ 68,650,000	\$ 81,765,000	\$ 81,765,000	\$ 76,685,000	\$ 74,900,000	\$ 70,457,800	\$ 454,222,800
Voted 2016 Debt SIT Supported	13,115,000	-	-	-	-	-	13,115,000
Voted 2016 Debt - Storm	16,854,000	7,290,000	4,821,000	-	-	-	28,965,000
Storm Sewer Enterprise (Unvoted)	-	-	8,431,000	7,190,500	7,040,000	8,600,000	31,261,500
Sanitary Sewer Enterprise (Unvoted)	-	-	14,289,685	76,628,405	75,413,691	71,454,340	237,786,121
Water Enterprise (Unvoted)	-	-	-	-	47,575,881	47,175,000	94,750,881
Voted 2013 Debt - Water	6,910,000	-	-	-	-	-	6,910,000
Voted 2016 Debt - Water	35,085,881	51,180,000	15,739,119	-	-	-	102,005,000
Voted 2019 Debt - Water	-	-	56,460,881	58,365,000	10,174,119	-	125,000,000
Information Services	5,190,000	5,610,000	4,445,000	7,550,000	6,830,000	10,090,000	39,715,000
WSRLA Loan	82,074,000	56,600,000	24,000,000	30,200,000	65,250,000	64,100,000	322,224,000
Voted 2016 Debt - Electricity	9,545,000	6,780,000	-	-	-	-	16,325,000
Voted 2019 Debt - Sanitary	-	50,183,342	49,816,658	-	-	-	100,000,000
Voted 2019 Debt - Electricity	-	3,580,000	10,405,000	10,505,000	510,000	-	25,000,000
Voted 2016 Debt - Sanitary Sewer	75,143,883	39,246,117	-	-	-	-	114,390,000
WPCLF/OWDA	253,307,380	214,970,140	176,095,605	152,916,827	222,499,536	203,489,761	1,223,279,249
Fleet Management (Unvoted)	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
Councilmanic SIT Supported	12,290,000	12,290,000	12,290,000	17,370,000	19,155,000	24,102,200	97,497,200
Electricity Enterprise (Unvoted)	-	-	-	-	8,395,000	10,899,591	19,294,591
Total	\$ 578,965,144	\$ 530,294,599	\$ 459,358,948	\$ 438,210,732	\$ 538,543,227	\$ 511,168,692	\$ 3,056,541,342

PROPOSED 2021 CAPITAL IMPROVEMENT BUDGET

Public Safety

Police

Project Name: Police Facility Renovations
Type: Recurring
Estimated 2021 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.

Police subtotal - \$1,680,000

Fire

Project Name: Fire Facility Renovation
Type: Recurring
Estimated 2021 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.

Project Name: Fire Apparatus Replacement
Type: Recurring
Estimated 2021 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 - \$7,320,000

Public Safety Total - \$9,000,000

Development

Project Name: Affordable Housing funds
Type: Recurring
Estimated 2021 Cost: \$1,000,000
Funding Source: Councilmanic 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: Economic & Community Development
Type: Recurring
Estimated 2021 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 2021 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 2021 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 Total - \$3,600,000

Finance and Management

Construction Management

Project Name: Facility Renovations – Project Cost Allocations
Type: Recurring
Estimated 2021 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.

Project Name: Facility Renovations – Various
Type: Recurring
Estimated 2021 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 2021 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.

Project Name: Construction Management – General Contracting and Small Scale Renovation
Type: Recurring
Estimated 2021 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 2021 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

Fleet Management

Project Name: Fleet Automated Fuel Location Upgrades
Type: Recurring
Estimated 2021 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 2021 Cost: \$100,000
Funding Source: Fleet Management G.O. Bonds
Operating Impact: None
Project Description: Periodic replacement of aging equipment.

Project Name: Fuel Tank Management
Type: Recurring
Estimated 2021 Cost: \$600,000
Funding Source: Fleet Management G.O. Bonds
Operating Impact: None
Project Description: Remediation, removal, and replacement of fuel tanks.

Fleet Management subtotal - \$800,000

Finance and Management Total - \$9,490,000

Technology

Project Name:	Data Center Facility Upgrades
Type:	Recurring
Estimated 2021 Cost:	\$1,825,000
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 2021 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.
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Project Name:	Enterprise System Upgrades
Type:	Recurring
Estimated 2021 Cost:	\$375,000
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:	Network Improvements
Type:	Recurring
Estimated 2021 Cost:	\$1,400,000
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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Project Name:	Telephony and Interactive Voice Response (IVR) Infrastructure Improvements
Type:	Recurring
Estimated 2021 Cost:	\$300,000
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.
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Project Name:	Enterprise System Upgrades – Security Program
Type:	Recurring
Estimated 2021 Cost:	\$200,000
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.

Capital Improvements Program

Project Name: Enterprise System Upgrades – GIS
Type: Recurring
Estimated 2021 Cost: \$90,000
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.

Technology Total - \$5,190,000

Recreation and Parks

Project Name: Urban Infrastructure Projects
Type: Recurring
Estimated 2021 Cost: \$753,200
Funding Source: Voted 2016 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.

Project Name: Renovations – Miscellaneous Improvements and Cost Allocations
Type: Recurring
Estimated 2021 Cost: \$3,886,800
Funding Source: Voted 2016 SIT Supported G.O. Bonds; 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 annual determination will be made to allocate funding based on need.

Project Name: Facility Assessment Implementation
Type: Recurring
Estimated 2021 Cost: \$4,000,000
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Minimal decrease in utility payments expected for energy efficiency upgrades.
Project Description: An assessment to identify issues within existing facilities and funding to make necessary improvements.

Project Name: Hard Surface Improvements
Type: Recurring
Estimated 2021 Cost: \$800,000
Funding Source: Voted 2016 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. These can include, but are not limited to, sidewalks, parking lots, walking trails, tennis courts, and basketball courts.

Project Name: Facility Roof Improvements
Type: Recurring
Estimated 2021 Cost: \$800,000
Funding Source: Voted 2016 SIT Supported G.O. Bonds
Operating Impact: None
Project Description: Replacement and renovation of roofs located at existing facilities.

Project Name: Maintenance Equipment - Parks
Type: Recurring
Estimated 2021 Cost: \$250,000
Funding Source: Voted 2016 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 2021 Cost: \$400,000
Funding Source: Voted 2016 SIT Supported G.O. Bonds
Operating Impact: Minimal increase for maintenance of new trees.
Project Description: Funds to increase the urban tree canopy and help reduce stormwater runoff.

Project Name: Safe Playgrounds
Type: Recurring
Estimated 2021 Cost: \$500,000
Funding Source: Voted 2016 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 2021 Cost: \$5,467,200
Funding Source: Voted 2016 SIT Supported G.O. Bonds; 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 2021 Cost: \$1,594,600
Funding Source: Voted 2016 SIT Supported G.O. Bonds
Operating Impact: Minimal increase for maintenance of new amenities, equipment, and parkland.
Project Description: Purchase of land and property in underserved areas, for conservation, and to expand the existing park system.

Project Name: Small Scale Capital Improvements – Golf, Sports, Permits & Cost Allocations
Type: Recurring
Estimated 2021 Cost: \$1,594,600
Funding Source: Voted 2016 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 2021 Cost: \$1,139,000
Funding Source: Voted 2016 SIT Supported G.O. Bonds
Operating Impact: Minimal increase for maintenance of new amenities 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.

Capital Improvements Program

Project Name: Emergency Improvements and Cost Allocations
Type: Recurring
Estimated 2021 Cost: \$911,200
Funding Source: Voted 2016 SIT Supported G.O. Bonds
Operating Impact: Minimal increase for maintenance of new amenities and equipment. Improved efficiencies offset some increases.
Project Description: Funding for unforeseen items such as updating designs, replacing a major component, repairing a major structural part of an asset, 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 2021 Cost: \$683,400
Funding Source: Voted 2016 SIT Supported G.O. Bonds
Operating Impact: Minimal increase for maintenance of new amenities and equipment. Improved efficiencies offset some increases.
Project Description: Funding for high priority opportunities that are unanticipated and time-sensitive, aligning with strategic goals.

Recreation and Parks Total - \$22,780,000

Public Service

Transportation

Project Name: Urban Infrastructure Recovery
Type: Recurring
Estimated 2021 Cost: \$5,651,813
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Minimal
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: Neighborhood Commercial Revitalization (NCR)
Type: Recurring
Estimated 2021 Cost: \$2,500,000
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Minimal
Project Description: Funds used to identify commercial areas that are eligible for capital improvement funding. Improvements may include but are not limited to, replacement of sidewalks, intersection improvements, installation of street trees, and installation of street lighting.

Project Name: Roadway Improvements
Type: Recurring
Estimated 2021 Cost: \$5,581,794
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Minimal
Project Description: Project management costs related to the reconstruction of existing streets and roadway extensions. Costs also include utility relocations, construction inspection costs, and right of way acquisitions necessary for roadway projects.

Project Name: Resurfacing
Type: Recurring
Estimated 2021 Cost: \$20,000,000
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Decrease to repair and maintenance costs
Project Description: Funding for resurfacing of roadways to restore surfaces to like new conditions. Resurfacing priorities are determined based on pavement management reports and public input.

Project Name: Bridge Rehabilitation
Type: Recurring
Estimated 2021 Cost: \$3,371,393
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Decrease to repair and maintenance costs
Project Description: Funding for design and construction work associated with the replacement of expansion joints, full and partial bridge deck replacement, sidewalk and curb reconstruction, and other rehabilitation work to city bridges.

Capital Improvements Program

Project Name: Housing Initiatives- Roadway
Type: Recurring
Estimated 2021 Cost: \$800,000
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Minimal
Project Description: Funding established to aid in the development of roadway infrastructure in areas where local developers seek to build housing units.

Project Name: Bikeway Development
Type: Recurring
Estimated 2021 Cost: \$2,000,000
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Minimal
Project Description: Funding to expand and renovate the existing bikeway system, including the creation and addition of shared use paths.

Project Name: Pedestrian Safety Improvements – Sidewalk Program
Type: Recurring
Estimated 2021 Cost: \$4,000,000
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: Minimal
Project Description: Installation of new and replacement sidewalks based on public input.

Transportation subtotal - \$43,905,000

Refuse

Project Name: Mechanized Collection Equipment
Type: Recurring
Estimated 2021 Cost: \$5,230,000
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: Mechanized Collection Equipment – Containers
Type: Recurring
Estimated 2021 Cost: \$850,000
Funding Source: Voted 2019 SIT Supported G.O. Bonds
Operating Impact: None
Project Description: Purchase of collection containers.

Refuse subtotal - \$6,080,000

Public Service Total - \$49,985,000

Public Utilities

Storm Sewer

Project Name: Fountain Square Stormwater System Improvements
Type: Non-recurring
Estimated 2021 Cost: \$600,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
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 and Phase 2
Type: Recurring
Estimated 2021 Cost: \$1,800,000
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: General Construction Contract - Storm
Type: Recurring
Estimated 2021 Cost: \$1,150,000
Funding Source: Voted 2016 Public Utilities 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 attention.

Project Name: General Engineering Services - Storm
Type: Recurring
Estimated 2021 Cost: \$400,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding established for various project engineering services as needed.

Project Name: Linworth Rd/Meeklynn Dr. Storm Sewer
Type: Non-recurring
Estimated 2021 Cost: \$1,150,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Mitigation of street and yard flooding, and the reduction of drainage issues in the area of Meeklynn Dr. towards the Olentangy River.

Project Name: Linden Neighborhood Stormwater System Improvements Phase 2
Type: Non-recurring
Estimated 2021 Cost: \$900,000
Funding Source: Ohio Water Development Authority Loan
Operating Impact: None
Project Description: Funding to mitigate street and yard flooding as well as reduce roadside drainage issues in the Linden area.

Capital Improvements Program

Project Name: Old Beechwold Area Stormwater System Improvements
Type: Non-recurring
Estimated 2021 Cost: \$2,204,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal Increase
Project Description: Stormwater system improvements to mitigate street and yard flooding within the Old Beechwold historic neighborhood.

Project Name: Joint Projects with the Department of Public Service
Type: Recurring
Estimated 2021 Cost: \$1,000,000
Funding Source: Voted 2016 Public Utilities 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 2021 Cost: \$5,000,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Undetermined until system study is complete
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: Recurring
Estimated 2021 Cost: \$3,680,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: This project will provide necessary funding for stormwater improvements at the SMOC facility.

Project Name: Pump Stations, ST-21, ST-22, ST-23 Improvements
Type: Recurring
Estimated 2021 Cost: \$1,650,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Funding for the design and construction of the storm system and flood protection improvements for the area southwest of the Arena District.

Project Name: Krieger Court Stormwater Improvements
Type: Non-recurring
Estimated 2021 Cost: \$200,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
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.

Capital Improvements Program

Project Name: Twin Lakes Upper Dam and Greenlawn Low Head Dam Improvements
Type: Recurring
Estimated 2021 Cost: \$2,850,000
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: Ohio State University Area Utility Easement Project
Type: Non-recurring
Estimated 2021 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 2021 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 2021 Cost: \$500,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: This project will address areas of concrete deterioration along the Franklinton floodwall.

Project Name: Floodwall Closure Evaluations
Type: Recurring
Estimated 2021 Cost: \$750,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding will address flood protection concerns regarding areas of concrete deterioration along McKinley Avenue, Souder Avenue, Rich Street, and Greenlawn Avenue.

Project Name: Major Stormwater Drainage Improvements
Type: Non-recurring
Estimated 2021 Cost: \$620,000
Funding Source: 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.

Capital Improvements Program

Project Name: Northwest Stormwater Study
Type: Non-recurring
Estimated 2021 Cost: \$600,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding for this study will allow for drainage analysis within the Francisco and Teteridge areas, identify concerns or deficiencies within the system and develop a plan to provide for necessary improvements.

Stormwater subtotal - \$25,154,000

Sanitary Sewers

Project Name: Real Time Control – Sewer System Optimization, Part 2
Type: Non-recurring
Estimated 2021 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: SSES Overall Engineering Consultant Services
Type: Recurring
Estimated 2021 Cost: \$300,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: This project will allow the design of large capital improvements for the sewer collection system and all related infrastructures.

Project Name: Big Walnut Sanitary Trunk Extension, Phase 2
Type: Non-recurring
Estimated 2021 Cost: \$89,750,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Extension of the Big Walnut sanitary trunk sewer north of Dempsey Road and East of Hoover Reservoir.

Project Name: General Engineering Services – Sanitary 2019
Type: Recurring
Estimated 2021 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.

Project Name: Williams and Castle Interceptor
Type: Non-recurring
Estimated 2021 Cost: \$2,000,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: This project will initiate a feasibility study into possible alternatives to construction of a sanitary interceptor from Castle Road pump station to the Williams Road pump station.

Project Name: Roof Replacements for Department of Sewer and Drains Facilities
Type: Recurring
Estimated 2021 Cost: \$2,875,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Replacement of roofs at existing facilities to prevent infrastructure damage due to water leaks.

Capital Improvements Program

Project Name: Jackson Pike Waste Water Treatment Plant Digester Improvements
Type: Non-recurring
Estimated 2021 Cost: \$3,311,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Improvements of the existing digester system that is nearing the end of useful life.

Project Name: Jackson Pike Waste Water Treatment Plant Cogeneration Facility
Type: Non-recurring
Estimated 2021 Cost: \$28,507,414
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Cost increases will be offset with electrical savings
Project Description: This project will provide a cogeneration facility to use digester biogas to supplement the facility electricity needs. This will also provide replacement boilers and engineering studies in ways to increase biogas electrical production.

Project Name: Short Circuit, Coordination, and Arc Flash Studies #1
Type: Non-recurring
Estimated 2021 Cost: \$350,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Engineering services for short circuits, coordination, and arc flash studies for hazard protection.

Project Name: Department of Public Utilities General Engineering Consulting Services (GEC) #4 and #5
Type: Recurring
Estimated 2021 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 2021 Cost: \$1,450,000
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.

Project Name: Southerly Waste Water Treatment Plant (SWWTP) Small Capital Projects
Type: Recurring
Estimated 2021 Cost: \$600,000
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: Southerly Waste Water Treatment Plant (SWWTP) ERC/FRC MCC Replacement
Type: Non-recurring
Estimated 2021 Cost: \$500,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: This project will replace the MCCs and associated switchgear in the East and Far East return active sludge control building.

Project Name: SMOC Vehicle Maintenance Fluid System Replacement
Type: Non-recurring
Estimated 2021 Cost: \$500,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding for replacing the oil and fluid delivery system in the SMOC vehicle maintenance area.

Project Name: WWTF Professional Construction Management Services #2
Type: Non-recurring
Estimated 2021 Cost: \$450,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Professional construction management services are needed for various facilities projects for the Department of Sewerage and Drainage.

Project Name: WWTF Professional Construction Management Services- HVAC and Roof Replacement Projects
Type: Non-recurring
Estimated 2021 Cost: \$514,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Professional construction management services are needed for HVAC and roof replacements for the Department of Sewerage and Drainage facilities.

Project Name: Department of Sewerage and Drainage (DOSD) HVAC and Air Purification Replacement
Type: Non-recurring
Estimated 2021 Cost: \$2,336,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Replacement of equipment that is currently at the end of its useful life.

Project Name: JPWWTP Stormwater and Floodplain Improvements
Type: Non-recurring
Estimated 2021 Cost: \$890,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Creation of a phased development master plan to mitigate flooding.

Capital Improvements Program

Project Name: DOSD Electrical Upgrades Program
Type: Non-recurring
Estimated 2021 Cost: \$11,200,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: This project will evaluate the electrical infrastructure at the DOSD facilities, establish priorities, and provide design and construction support services.

Project Name: WWTF Instrumentation and Control Integration and Programming Part 2
Type: Recurring
Estimated 2021 Cost: \$500,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Wastewater Treatment Facilities Instrumentation and Control (I&C) System upgrade.

Project Name: SWWTP Digestion Process Expansion Phase I and Phase II
Type: Non-recurring
Estimated 2021 Cost: \$4,249,109
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Expansion of plant infrastructure to provide for additional facilities needed for the anaerobic digestion of biosolids and to rehabilitate three acidic phase digesters.

Project Name: SWWTP Main Drain Pump Station
Type: Non-recurring
Estimated 2021 Cost: \$2,900,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Construction of a flow diversion structure and pump station within the SWWTP main drain pipeline.

Project Name: SWWTP Post Aeration Diffuser Replacement
Type: Non-recurring
Estimated 2021 Cost: \$9,365,000
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: Waste Water Treatment Facilities Upgrade – General Program #4
Type: Recurring
Estimated 2021 Cost: \$1,000,000
Funding Source: Voted 2016 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.

Capital Improvements Program

Project Name: SWWTP HVAC and Air Purification Improvements
Type: Non-recurring
Estimated 2021 Cost: \$300,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Replacement of the air purification systems in the East Aeration Control building that have reached the end of their useful life.

Project Name: Southerly Stormwater and Floodplain Improvements
Type: Non-recurring
Estimated 2021 Cost: \$1,300,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Creation of a phased development master plan to mitigate flooding.

Project Name: Sanitary Sewer Lining Project
Type: Recurring
Estimated 2021 Cost: \$1,170,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Rehabilitation of existing sanitary sewers using cured-in-place pipe.

Project Name: 2021 Annual Lining Contract
Type: Recurring
Estimated 2021 Cost: \$5,850,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Rehabilitation of existing sanitary sewers using cured-in-place pipe.

Project Name: Rickenbacker Intermodal Sanitary Extension
Type: Non-recurring
Estimated 2021 Cost: \$1,100,000
Funding Source: Ohio Water Development Authority Loan
Operating Impact: Minimal increase
Project Description: Extension of the gravity sanitary sewer main from the existing military pump station along Rickenbacker Parkway.

Project Name: DPU Archive and Records Storage and Locker Room Renovations
Type: Non-recurring
Estimated 2021 Cost: \$429,500
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Creation of a centralized large storage and records area in the former police property room at the Fairwood Avenue facility.

Capital Improvements Program

Project Name: SMOC Inventory Control Consolidations
Type: Non-recurring
Estimated 2021 Cost: \$250,000
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: Big Walnut Outfall (South) Rehabilitation
Type: Non-recurring
Estimated 2021 Cost: \$652,994
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: Ohio State University (OSU) Area Utility Easement Project
Type: Non-recurring
Estimated 2021 Cost: \$50,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding to obtain new easements in the OSU area.

Project Name: Lower Olentangy Tunnel – Phase 1
Type: Non-recurring
Estimated 2021 Cost: \$33,500,000
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 relief sewer in the Olentangy corridor.

Project Name: Large Diameter Sewer Rehabilitation – Alum Creek Trunk South Section/Deshler Tunnel
Type: Non-recurring
Estimated 2021 Cost: \$14,760,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Inspection and condition assessment of the sanitary trunk line sewer.

Project Name: OSIS Large Diameter Sewer Rehabilitation
Type: Non-recurring
Estimated 2021 Cost: \$900,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Inspection and condition assessment of the sanitary trunk line sewer.

Project Name: Center Large Diameter Rehabilitation
Type: Non-recurring
Estimated 2021 Cost: \$2,000,000
Funding Source: Ohio Water Development Authority Loan
Operating Impact: None
Project Description: Systematic rehabilitation restoring the city's large diameter combined sewer infrastructure to extend its useful life.

Project Name: West Side Trunk Rehabilitation
Type: Non-recurring
Estimated 2021 Cost: \$100,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Required rehabilitation to restore the hydraulic capacity of existing infrastructure to extend its useful life.

Project Name: Large Diameter – Blacklick Creek Main Trunk
Type: Non-recurring
Estimated 2021 Cost: \$6,925,000
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: Large Diameter – Scioto Main Trunk
Type: Non-recurring
Estimated 2021 Cost: \$9,035,000
Funding Source: Ohio Water Development Authority Loan, Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Required rehabilitation to restore the hydraulic capacity of existing infrastructure to extend its useful life.

Project Name: Near North & East Area Large Diameter Assessments
Type: Non-recurring
Estimated 2021 Cost: \$375,000
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 2021 Cost: \$600,000
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

Project Name: Blacklick Creek Sanitary Subtrunk Extension
Type: Non-recurring
Estimated 2021 Cost: \$512,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Rehabilitation of the 42" sanitary trunk sewer pipe.

Project Name: 2021 General Construction Contract
Type: Recurring
Estimated 2021 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: Third Avenue CSO Increased Capture and Green Infrastructure
Type: Non-recurring
Estimated 2021 Cost: \$2,600,000
Funding Source: Ohio Water Development Authority Loan
Operating Impact: None
Project Description: Construction of a new pipe and green infrastructure that will help mitigate flooding and combined sewer overflow at the Third Avenue railway underpass.

Project Name: Moler Street Overflow Intercepting Sewer
Type: Non-recurring
Estimated 2021 Cost: \$17,742,881
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Design and construction of improvements to the sanitary system in the area of Moler Street which will result in the reduction of combined sewer overflows.

Project Name: Inflow Redirection – Noble and 4th Street
Type: Non-recurring
Estimated 2021 Cost: \$500,000
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 4th Street area to address combined sewer overflows.

Project Name: Inflow Redirection – Kerr and Russell
Type: Non-recurring
Estimated 2021 Cost: \$3,300,000
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 19.7 acres of area in the Kerr/Russell sewer-shed combined sewer overflow area.

Project Name: Third Avenue Blocked Sewer
Type: Non-recurring
Estimated 2021 Cost: \$83,400
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Construction for the bulk-heading of the 18" diameter pipe that provides flow relief between Third Avenue and Henry Street combined sewer overflow basins.

Project Name: Inflow Redirection – Markison Avenue
Type: Non-recurring
Estimated 2021 Cost: \$68,659
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Redirection of the public inflow of 147 acres of area tributary in the Markison Avenue combined sewer overflow area.

Project Name: Construction Administration Services 2020 to 2022
Type: Recurring
Estimated 2021 Cost: \$100,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Construction administration and inspection services during various storm and sanitary sewer projects.

Project Name: Second Barrel Interconnector Augmentation
Type: Non-recurring
Estimated 2021 Cost: \$4,400,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Augmentation of the interconnector sewer to increase its conveyance and storage near the Southerly Waste Water Treatment Plant.

Project Name: Blueprint Linden-Linview Park
Type: Non-recurring
Estimated 2021 Cost: \$3,837,500
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Construction of a regional bio-retention basin in Linden and to collaborate with the Department of Recreation and Parks to establish a new park in the Linden area.

Project Name: Blueprint Integrated Solutions
Type: Non-recurring
Estimated 2021 Cost: \$12,032,412
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Implementation of the consent order requirements to remove or reroute inflow infiltration from the sanitary sewers at the following locations:

- Palmetto/Westgate Area
- Newton/Bedford Area
- Kelton/Fairwood Area
- Sunrise/Glenn Area

Capital Improvements Program

- Edgehill/Meadow Area
- Winthrop/Milton Area
- Dorris/Weber Area
- Fredonia/Piedmont Area
- Tulane/Findley Area
- Milford/Summit Area
- Old Beechwold Area
- Highland/Harris Area

Project Name: Blueprint Hilltop 1 – Permeable Pavers
Type: Non-recurring
Estimated 2021 Cost: \$5,456,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Installation of permeable pavers along multiple streets to meet consent order requirements in the Eureka/Fremont area.

Project Name: Blueprint Miller Kelton – Permeable Pavers
Type: Non-recurring
Estimated 2021 Cost: \$4,025,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Installation of permeable pavers along multiple streets to meet consent order requirements in the following area Kent/Fairwood area.

Project Name: Blueprint Linden 1 Downspout Redirection Project 1
Type: Non-recurring
Estimated 2021 Cost: \$4,062,886
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 Linden 1 Blueprint area.

Project Name: Lateral Lining – Linden 1
Type: Recurring
Estimated 2021 Cost: \$3,772,680
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.

Project Name: Volunteer Sump Pump Program
Type: Recurring
Estimated 2021 Cost: \$1,971,105
Funding Source: Voted 2016 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:

- Hilltop 4, Phase 1
- 5th by Northwest
- Clintonville 1, Project 3

Capital Improvements Program

Project Name: Blueprint Professional Construction Management Services
Type: Recurring
Estimated 2021 Cost: \$1,500,000
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 the Blueprint areas as well as the Blueprint Linden area.

Project Name: Scioto Main Sanitary Trunk Sewer Rehabilitation
Type: Recurring
Estimated 2021 Cost: \$1,300,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Design for the rehabilitation of the 120" diameter sewer from the Scioto Main and West Side Sanitary Junction Chamber to the JPWWTP.

Project Name: HSTS Elimination Projects
Type: Recurring
Estimated 2021 Cost: \$3,541,723
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:

- Williams/Behm Area
- Dyer/Lazar Area
- Community Park/Maple Canyon Area
- Brooklyn/Cleveland Area
- Barnett/E. Deshler Area
- Sunbury/Mock Area

Project Name: Meeklynn Drive Area Sanitary Sewer
Type: Non-recurring
Estimated 2021 Cost: \$3,450,000
Funding Source: Ohio Water Development Authority Loan; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Construction to provide sanitary sewer service to the Meeklynn Drive area.

Sanitary subtotal - \$320,151,263

Capital Improvements Program

Electricity

Project Name: Urban Infrastructure Recovery Fund Street Lighting Projects
Type: Recurring
Estimated 2021 Cost: \$505,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Design and construction of street lighting in urban areas of the city.

Project Name: Conversion to 3 Wire
Type: Non-recurring
Estimated 2021 Cost: \$300,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Street light wire conversions for the upgrade of street light underground circuits and to provide additional safety measures to the street light system.

Project Name: Circuit 14054 Reliability Improvements
Type: Recurring
Estimated 2021 Cost: \$3,250,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Improving the reliability of the Jackson Pike 14054 distribution circuit by replacing aging assets and improving operational flexibility.

Project Name: General Engineering Contracts 2019-2022
Type: Recurring
Estimated 2021 Cost: \$150,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Engineering and professional design contracts on an as needed basis.

Project Name: SMART Street lighting
Type: Recurring
Estimated 2021 Cost: \$3,500,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Continued conversion of the existing street light infrastructure to LED lighting.

Project Name: General CA/CI 2020-2022- Power
Type: Recurring
Estimated 2021 Cost: \$100,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Construction administration and inspection services as needed for various projects.

Capital Improvements Program

Project Name: Substation Relay Upgrades
Type: Non-recurring
Estimated 2021 Cost: \$200,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Replacement of electromechanical relays with solid state relays at substations for more reliable distribution.

Project Name: Noe Bixby Road Street Lights
Type: Non-recurring
Estimated 2021 Cost: \$75,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Installation of new street lights on Noe Bixby Road between Laraine Court and Cedar Drive.

Project Name: Refugee Road Street Lights
Type: Recurring
Estimated 2021 Cost: \$550,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal increase
Project Description: Installation of new lights on Refugee Road between Noe Bixby Road and Balm Street.

Project Name: Circuit 157 Street Light Improvements
Type: Non-recurring
Estimated 2021 Cost: \$850,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Replacement and update of lights, poles, wiring, and controllers to meet current standards.

Project Name: Circuits 128 and 80 Street Light Improvements
Type: Non-recurring
Estimated 2021 Cost: \$65,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Replacement and update of lights, poles, wiring, and controllers to meet current standards.

Electricity subtotal - \$9,545,000

Capital Improvements Program

Water

Project Name: Miscellaneous Water Facilities
Type: Recurring
Estimated 2021 Cost: \$100,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds; Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding to provide for unanticipated projects that may arise.

Project Name: Water Main Rehabilitation
Type: Recurring
Estimated 2021 Cost: \$3,425,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Funding for general rehabilitation of water distribution lines to eliminate poor fire flow capabilities and poor water quality.

Project Name: Area Waterline Improvements
Type: Non-recurring
Estimated 2021 Cost: \$10,665,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: Minimal decrease
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:

- Ziegler Avenue Area
- Mock Road Area
- Edsel Avenue Area
- Livingston Avenue Area
- Eureka/Fremont Area
- Kent/Fairwood Area
- Palmetto/Westgate Area
- Old Beechwold Area
- New World Drive Area

Project Name: Transit Pipe Rehabilitation
Type: Recurring
Estimated 2021 Cost: \$3,900,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: Minimal decrease
Project Description: General rehabilitation of the water distribution system.

Project Name: Water Main Replacement
Type: Recurring
Estimated 2021 Cost: \$900,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Funding for general rehabilitation of water distribution lines to eliminate poor fire flow capabilities and poor water quality.

Capital Improvements Program

Project Name: O'Shaughnessy Hydroelectric – Federal Energy Regulatory Committee (FERC)
Type: Non-recurring
Estimated 2021 Cost: \$450,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Engineering services related to projects mandated by the Federal Energy Regulatory Committee.

Project Name: Dublin Road Water Plant (DRWP) Miscellaneous Improvements
Type: Recurring
Estimated 2021 Cost: \$175,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Continuing small improvements of the existing water plant.

Project Name: Hap Cremean Water Plan (HCWP) Miscellaneous Improvements
Type: Recurring
Estimated 2021 Cost: \$350,000
Funding Source: Voted 2013 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) Facility Miscellaneous Improvements
Type: Recurring
Estimated 2021 Cost: \$125,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Continuing small improvements of the existing water plant.

Project Name: PAWP – Lime Slaker and Soda Ash Feeder Replacement
Type: Non-recurring
Estimated 2021 Cost: \$1,024,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: None
Project Description: Design and construction funding to provide replacement lime slaker and soda ash feeder equipment.

Project Name: Automatic Meter Reading
Type: Non-recurring
Estimated 2021 Cost: \$21,150,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: Additional revenue of \$1,500,000 is projected in 2021 due to improved meter reading and reduced water loss as new meters are installed.
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.

Capital Improvements Program

Project Name: Watershed Roadway Improvements
Type: Recurring
Estimated 2021 Cost: \$175,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding to provide watershed roadway improvements around Griggs, O'Shaughnessy, and Hoover Reservoirs.

Project Name: HCWP Basin Concrete Rehabilitation
Type: Non-recurring
Estimated 2021 Cost: \$33,500,000
Funding Source: Voted 2013 Public Utilities G.O. Bonds; Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: None
Project Description: Rehabilitation of the deteriorated concrete and handrail replacement in the basin area of the water plant as well as replacement of mechanical equipment.

Project Name: HCWP Pump Improvements
Type: Recurring
Estimated 2021 Cost: \$200,000
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 2021 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: Valve Renewal Program
Type: Recurring
Estimated 2021 Cost: \$2,000,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Valve replacements to assure quality distribution.

Project Name: Watershed Miscellaneous Improvements Facilities
Type: Recurring
Estimated 2021 Cost: \$115,000
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

Project Name: Hoover Dam Improvements – Part 1
Type: Non-Recurring
Estimated 2020 Cost: \$500,000
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 Miscellaneous Protection Easements
Type: Recurring
Estimated 2021 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: General Engineering Services – Supply Group 2018A; 2018B
Type: Recurring
Estimated 2021 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: O'Shaughnessy Gatehouse Miscellaneous Improvements
Type: Non-recurring
Estimated 2021 Cost: \$1,000,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Improvements to the exterior of the O'Shaughnessy Gatehouse that includes masonry rehabilitation and lighting upgrades.

Project Name: Miscellaneous Booster Station and Water Tank Improvements
Type: Recurring
Estimated 2021 Cost: \$1,000,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Funding for booster station and tank improvements for timely replacement of mechanisms to ensure water tanks continue to operate safely.

Project Name: PAWP Hypochlorite Disinfection Improvements
Type: Non-recurring
Estimated 2021 Cost: \$1,700,000
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.

Capital Improvements Program

Project Name: Dublin Road 30" Waterline
Type: Non-recurring
Estimated 2021 Cost: \$10,900,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: None
Project Description: To improve water transmission and Blazer tank turnover.

Project Name: Water Quality Assurance Lab (WQAL) Renovations
Type: Non-recurring
Estimated 2021 Cost: \$1,300,000
Funding Source: Water Supply Revolving Loan Account Fund
Operating Impact: None
Project Description: Renovate the WQAL to meet current building codes, meet the functional needs of staff and laboratory equipment, and address ergonomic issues with the outdated, existing space.

Project Name: Water Main Repair
Type: Recurring
Estimated 2021 Cost: \$1,250,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Emergency repairs of the water distribution system.

Project Name: Fire Hydrant Repairs (Non R&R)
Type: Non-recurring
Estimated 2021 Cost: \$1,250,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Repair and replacement of existing fire hydrants.

Project Name: 2020-2022 General Engineering Services- Distribution Group
Type: Recurring
Estimated 2021 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 2021 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.

Capital Improvements Program

Project Name: General Architectural Services – Division of Water 2018 & 2021
Type: Recurring
Estimated 2021 Cost: \$600,000
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: HCWP – Lime and Soda Ash Dust Collection System Improvements
Type: Non-recurring
Estimated 2021 Cost: \$950,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: None
Project Description: Design and construction funding to provide a replacement lime and soda ash dust collection system.

Project Name: General Construction Administration and Construction Inspection
Type: Recurring
Estimated 2021 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.

Project Name: Plant Drain and Water System Improvements
Type: Non-recurring
Estimated 2021 Cost: \$4,650,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds; Water Supply Revolving Loan Account Fund
Operating Impact: None
Project Description: 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.

Project Name: Professional Construction Management (PCM) Part II
Type: Recurring
Estimated 2021 Cost: \$250,000
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: Laboratory Upgrades
Type: Recurring
Estimated 2021 Cost: \$675,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Design and engineering services to renovate the 910 Dublin Road Water Quality Assurance Lab, the DRWP Lab, and the PAWP Lab.

Capital Improvements Program

Project Name: Dam Engineering Services
Type: Recurring
Estimated 2021 Cost: \$150,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: 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.

Project Name: Electrical Power Systems Studies
Type: Recurring
Estimated 2021 Cost: \$400,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: 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.

Project Name: Department of Water Safety Improvements
Type: Recurring
Estimated 2021 Cost: \$500,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: This project will design and install safety improvements at various Department of Water facilities to comply with OSHA regulations and good safety practices.

Project Name: DRWP Caustic Feed Improvements
Type: Recurring
Estimated 2021 Cost: \$50,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Engineering to modify the existing caustic storage and feed facilities within the DRWP.

Project Name: PAWP Wellfield Development
Type: Non-recurring
Estimated 2021 Cost: \$400,000
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
Type: Recurring
Estimated 2021 Cost: \$10,750,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Professional construction management services for various Division of Water construction contracts.

Capital Improvements Program

Project Name: Olentangy River Road – 24" Water Main Phases 2
Type: Non-recurring
Estimated 2021 Cost: \$400,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Replacement of the existing 20" water main in Olentangy River Road with a new 24" water main, abandoning the existing 20" main, fire hydrant installations, and water service lines.

Project Name: Large Diameter Valve Replacement Part 2
Type: Recurring
Estimated 2021 Cost: \$1,120,000
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: Hudson Street 24" Water Line Improvements
Type: Non-recurring
Estimated 2021 Cost: \$750,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: Minimal decrease
Project Description: Replacement of the existing water lines with a 24" water main from I-71 to Lexington Avenue.

Project Name: Ohio State University Area Utility Easement Project- Water
Type: Non-recurring
Estimated 2021 Cost: \$120,881
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: Update, renew, or obtain new easements around the OSU owned areas to allow for maintenance and operation of city owned utilities.

Project Name: Lockbourne Quarry Road Embankment Improvements
Type: Non-recurring
Estimated 2021 Cost: \$2,500,000
Funding Source: Voted 2016 Public Utilities G.O. Bonds
Operating Impact: None
Project Description: To provide embankment improvements to the Lockbourne Road Quarry due to signs of erosion.

Project Name: PAWP Pump Improvements
Type: Recurring
Estimated 2021 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.

Capital Improvements Program

Project Name: DRWP Pump Improvements
Type: Recurring
Estimated 2021 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 - \$124,069,881

Public Utilities Total - \$478,920,144

2021 Capital Improvement Budget Total - \$578,965,144

Significant Non-Recurring Projects

Fire Station #16

Department: Public Safety
Construction Management
Planning Area: North Linden
Start Date: August 2019
Est. Completion Date: December 2020
Est. Cost: \$9,408,000
Est. Operating Impact: To be determined

The new Fire Station #16 is being constructed to replace the existing Fire Station #16 at Weber Road and McGuffey Road, originally constructed in 1953. This updated station will include three apparatus bays to house engine, rescue, and medic vehicles. In addition, the station is designed with the specific intent to keep the living quarters free of the harmful contaminants that could be introduced to the building following a call for service involving fire or other hazardous material.



Architectural rendering of Fire Station #16.

Poindexter Museum

Department: Development
Planning Area: Near East
Start Date: 2017
Est. Completion Date: 2021
Est. Cost: \$1,100,000
Est. Operating Impact: Minimal

In 1940 the Columbus Metropolitan Housing Authority (CMHA) developed 426 dwelling units in 33 buildings to provide affordable housing for primarily Black residents on the eastside of Columbus. The development was named after pastor and activist Reverend James P. Poindexter. The Village was home to many nationally and locally successful individuals including Aminah Robinson, Nancy Wilson, and Jimmy Rogers.

In 2008, CMHA undertook a process to redevelop the Poindexter Village site. Although the majority of the original buildings were demolished, CMHA preserved two of the original buildings. In December of 2016, CMHA approved the sale of the buildings to the Ohio History Connection for long term preservation. The Ohio History Connection will collaborate with the James Preston Poindexter Foundation to renovate the facility to create exhibits and programming that promote the history and story of the residents.



Project is currently under construction/redevelopment.

Long Street Development

Department: Development, Public Service, and Public Utilities
Planning Area: Near East
Start Date: 2019
Est. Completion Date: 2021
Est. Cost: \$23,000,000
Est. Operating Impact: Minimal

Redevelopment of the former McNabb Funeral Home Site is a Public Private Partnership between the City of Columbus, Next Generation Development Corporation and private partners. This project includes a \$23 million total investment to develop 130 housing units of which 80 percent will be moderately priced workforce housing and 9,500 square feet of retail. The project is located on Long Street in the city's King-Lincoln neighborhood. Completion of the project is expected the end of 2021.



Architectural rendering of finalized project.

Northland Gate

Department: Development
Planning Area: Northland
Start Date: 2020
Est. Completion Date: 2021
Est. Cost: \$16,000,000
Est. Operating Impact: Minimal

The City of Columbus in partnership with National Church Residences created a Public Private Partnership to construct 94 units of senior housing in Northland for those age 55 and older. This project includes an investment of \$16 million and is expected to be completed in late 2021.



Architectural rendering of finalized project.

Eastmoor Green Line Acquisition and Construction

Department: Recreation and Parks
Planning Area: Mideast
Start Date: Spring 2018
Est. Completion Date: December 2021
Est. Cost: \$2,095,000
Est. Operating Impact: Minimal impact

The Eastmoor Green Line will become a unique linear park for the east side neighborhoods of the city. Located on an abandoned rail corridor running from Broad Street to south of Livingston Avenue, the three mile, 17.5 acre Green Line will provide the area's first trail connectivity. The corridor will have passive park space, native plantings, and a 10' trail. The project also offers important social equity for several inner city neighborhoods facing a deficit of trail access and natural resources. Over 10,000 residents, 8 schools, a 14 acre natural area, and 9 access points are within the trailshed of this project.



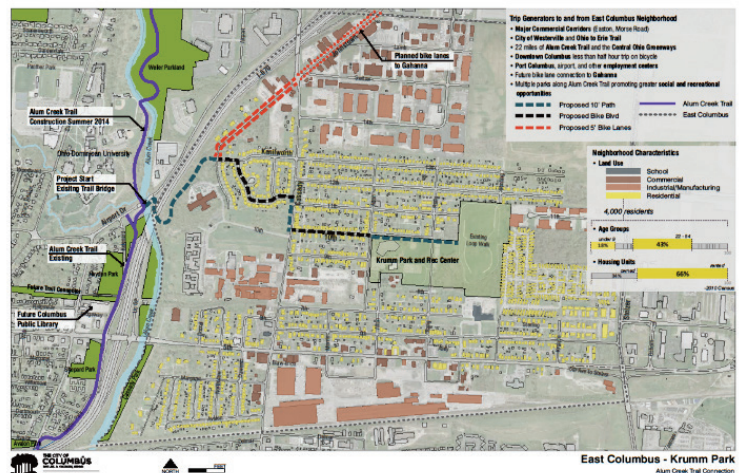
Context map of the Eastmoor Green Line

Alum Creek Trail: Johnstown Road Connector

Department: Recreation and Parks
Planning Area: East Columbus
Design Start Date: Fall 2020
Completion Date: Fall 2021
Est. Construction Cost: \$2,300,000
Est. Operating Impact: Minimal

The project includes the construction of a separated trail, bike lanes, modifications to an existing trail bridge, and safety improvements for the East Columbus/Krumm Park neighborhood to connect to the regional Alum Creek trail.

Over 4,000 residents and employees will be within a ten minute walk from this project. Additionally, the connector opens up access to over 126 miles of regional trail network. A future section of this project will extend the bike lanes along Johnstown Road to downtown Gahanna.



This project connects East Columbus Neighborhoods to the Regional Trail

Franklinton Loop- Souder Avenue Connector Design and Construction

Department: Recreation and Parks
Planning Area: Franklinton
Start Date: Spring 2018
Est. Completion Date: December 2022
Est. Cost: \$4,986,895
Est. Operating Impact: Minimal

This project provides a trail connection to the Scioto Trail for the Franklinton community, from Broad Street to Dublin Road. The project will build a pedestrian bridge across the Scioto River from the north bank, and continue to Broad Street along a 10' wide trail. The Franklinton community in this corridor is experiencing a transformation with new dense mixed-use developments of housing and large scale employment centers.

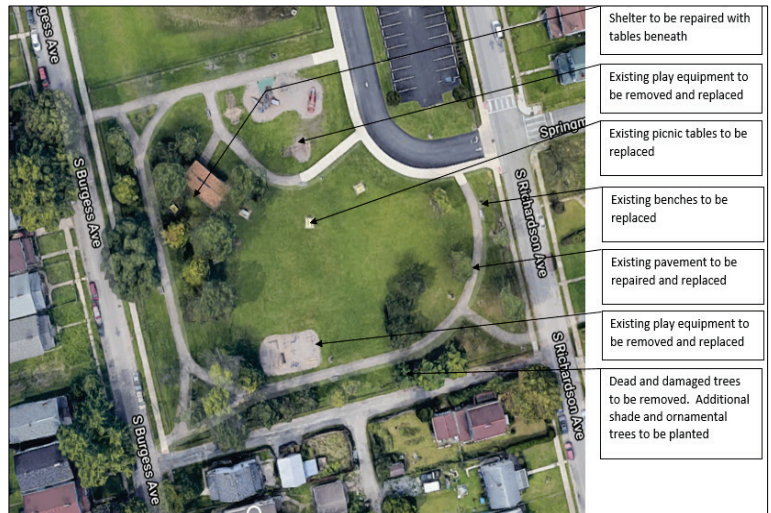


Souder Avenue connector

John Burroughs Park Renovation

Department: Recreation and Parks
Planning Area: Greater Hilltop
Design Start Date: Summer 2020
Est. Completion Date: Fall 2021
Est. Cost: \$300,000
Est. Operating Impact: Minimal

This project renovates the neighborhood greenspace adjacent to the John Burroughs Elementary School in the Greater Hilltop Community and is a collaboration between Columbus Recreation and Parks and Columbus City Schools. The historic 3.5 acre greenspace has served as one of the few public park spaces for the nearly 6,000 residents who live within ten minutes of the park.



Overview of park improvements

Arterial Street Rehabilitation – Hamilton Road – I-70 to Refugee Road

Department: Public Service
Planning Area: Mid East
Start Date: August 2020
Completion Date: May 2022
Est. Cost: \$20,300,000
Est. Operating Impact: Minimal

The arterial street rehabilitation of Hamilton Road from I-70 to Refugee Road project includes safety improvements, partial reconstruction of the street, and resurfacing of the street along South Hamilton Road from south of Refugee Road to north of Groves Road (near I-70). Facility upgrades include the installation of new curb and gutter, storm water drainage, shared use path, sidewalks, lighting, mast arm traffic signals, and replacement of the structure over Miller Ditch.



Removal of median on Hamilton Road just north of Groves Road

Pedestrian Safety Improvement - Wilson Road Shared Use Path

Department: Public Service
Planning Area: Greater Hilltop
Start Date: November 2019
Est. Completion Date: September 2020
Est. Cost: \$4,100,000
Est. Operating Impact: Minimal

The pedestrian safety improvement along Wilson Road consists of constructing a shared use path on the west side of Wilson Road from Sullivant Avenue to West Broad Street. Modifications will be made to the existing bridge and the alignment of the roadway to accommodate the path addition. The roadway will be widened north of Fremont Street to accommodate a southbound left turn lane. Opposite the new turn lane, a raised grass median will be placed between Fremont Street and Wilson Park Way to support a path crossing at Fremont Street.



Finishing construction of the Wilson Road Shared Use Path

Arterial Street Rehabilitation – Polaris Parkway

Department: Public Service
Planning Area: Far North
Start Date: March 2019
Est. Completion Date: October 2020
Est. Cost: \$12,800,000
Est. Operating Impact: Minimal

The arterial street rehabilitation of Polaris Parkway widens 0.57 miles of Polaris Parkway from I-71 to Olde Worthington Road to provide a third through lane in both directions, and performs a full depth replacement of 0.39 miles of Worthington Road/Orion Place including the construction of a two-lane roundabout at the intersection with Olde Worthington Road. Other improvements include traffic signal replacement, sidewalk, shared-use paths, a retaining wall, landscaping, and street lighting.



Widening Polaris Parkway

Dublin Road Water Plant (DRWP) Standby Power Project

Department: Public Utilities
Planning Area: Citywide
Start Date: 2019
Est. Completion Date: 2021
Est. Cost: \$10,600,000
Est. Operating Impact: Minimal increase

The DRWP Standby Power project is installing two 2,500 kW standby generators units that will allow the plant to continue to supply water during an extended electrical utility outage. In addition to the generator units, the project includes new duct banks, switchgear, and controls. The system is undergoing testing and will be substantially complete in 2020.



View of the DRWP's two new standby generators and switchgear.

DRWP Misc. Improvements – Basin Clarifier Rehabilitation

Department: Public Utilities
Planning Area: Citywide
Start Date: 2020
Est. Completion Date: 2023
Est. Cost: \$19,000,000
Est. Operating Impact: None

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 life. Design of the improvements was completed in 2020 and construction will begin in early 2021.



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

DRWP UV Disinfection Facility

Department: Public Utilities
Planning Area: Citywide
Start Date: 2018
Est. Completion Date: 2021
Est. Cost: \$23,800,000
Est. Operating Impact: Minimal increase

The DRWP UV Disinfection Facility project will install 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 that enhances public health protection and helps the city comply with upcoming regulatory requirements. Construction has continued throughout 2020 and is anticipated to be substantially complete in mid-2021.



Installation of rebar and conduit in the DRWP UV Facility's first floor slab

SWWTP Chemically Enhanced Primary Treatment (CEPT) – Preliminary Treatment

Department: Public Utilities – Sanitary
Planning Area: Citywide
Start Date: September 2017
Est. Completion Date: May 2021
Construction Budget: \$29,272,157
Est. Operating Impact: None

The CEPT facility will treat the additional wet weather flows at the Southerly Wastewater Treatment Plant (SWWTP). The contract will add a treatment train to the plant and will increase plant capacity from 330 million gallons per day (MGD) to 440 MGD. The facility will be constructed with three construction contracts.

This project will expand the plant's headworks facility, which includes replacing four existing raw sewerage pumps, adding two additional raw sewerage pumps, and adding two fine screens. This contract will also add a gravity thickener for the solids that will be produced by the facility. Funding for this project is being provided through a WPCLF loan.

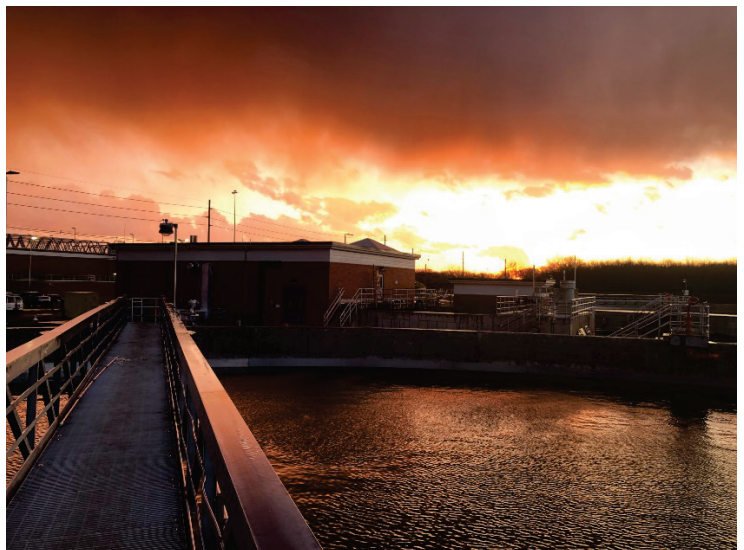


Installation of the Access Platform for RSP 1 at the Southerly Wastewater Treatment Plant.

SWWTP Chemically Enhanced Primary Treatment (CEPT) – Clarification

Department: Public Utilities – Sanitary
Planning Area: Citywide
Start Date: September 2017
Est. Completion Date: August 2020
Construction Budget: \$26,769,639
Est. Operating Impact: Minimal increase

The CEPT facility will treat the additional wet weather flows at the Southerly Wastewater Treatment Plant (SWWTP). The CEPT - Clarification construction contract will add two primary clarifiers, chemical storage, and feed facilities. Funding for this project is being provided through a WPCLF loan.



Site picture taken on the catwalk of Clarifier 02 at the Southerly Wastewater Treatment Plant.
