



*Photograph of fire apparatus in front of the newly-constructed Fire Station #3 located at 220 Greenlawn Avenue. Construction was completed in 2015.*

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## CAPITAL IMPROVEMENTS PROGRAM

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

The Capital Improvements Budget (CIB) serves as the basis for all budgeting and spending related to capital projects throughout the city for the ensuing year. The CIB is a one-year budget that is authorized by 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 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 which will extend the useful life of an asset.

Some examples of capital improvements projects include the purchase of major equipment items, 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.

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## 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 November 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, it 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.

## CAPITAL ACCOMPLISHMENTS

In recent years, the city has completed a number of non-recurring projects:

<u>Department</u>	<u>Year Completed</u>
<b><u>Public Safety &amp; Health</u></b>	
Construction of Fire Station #3	2015
Construction of the Crime Lab	2015
Installation of the Police Property Room	2013
<b><u>Development</u></b>	
Harder Lake Rehabilitation	2015
Replacement of Jefferson Avenue Street Lighting	2015
South Linden Alley Street Lighting	2015
<b><u>Recreation and Parks</u></b>	
Scioto Greenways Development	2015
Alum Creek Trail Completion	2015
Maryland Pool Replacement	2014
<b><u>Construction Management</u></b>	
Renovation and repurposing of Reeb Avenue Elementary	2015
Replacement of the Maloney Health Center	2014
Renovation of 77 N. Front Street	2013
<b><u>Public Service</u></b>	
Emerald Parkway/ Tuttle Crossing Intersection Improvements	2014
Parsons Ave/Livingston Ave Street Rehabilitation	2013
RiverSouth Intersection Improvements	2013
<b><u>Public Utilities</u></b>	
Construction of the Upground Reservoir	2015
Removal of 5 <sup>th</sup> Avenue Dam	2014
Removal of Main Street Dam	2014

The city typically requests voter approval for the issuance of voted debt through bond packages every 3-5 years. A bond package normally consists of several issues that will be 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 November 5, 2013 ballot. The voters approved four separate bond issues totaling \$842 million. These issues were intended to accommodate planned capital improvements for non-enterprise and enterprise agencies. The package provided voted authority for the purposes of Safety & Health, Recreation and Parks, Public Service, and Public Utilities. The city has utilized \$323 million of the 2013 voted authority. In addition, the city also has remaining authority from the 2008 voted bond package. The tables below show the remaining voted authority as of October 31, 2015.

2008 Voted Bond Package (000's omitted)		
Purpose	Amount Authorized	Amount Remaining
Safety & Health	\$ 86,170	\$ -
Recreation & Parks	124,215	-
Streets & Highways	345,630	-
Refuse Collection	32,205	-
Water	524,700	-
Sanitary	551,970	269,350
<b>Total</b>	<b>\$ 1,664,890</b>	<b>\$ 269,350</b>

2013 Voted Bond Package (000's omitted)		
Purpose	Amount Authorized	Amount Remaining
Safety & Health	\$ 52,500	\$ 5,180
Recreation & Parks	123,910	56,825
Public Service	220,300	98,900
Public Utilities	445,295	358,510
<b>Total</b>	<b>\$ 842,005</b>	<b>\$ 519,415</b>

In addition to utilizing voted debt in order to ensure lower interest rates, the city also seeks a credit rating on each bond issue. The national rating agencies, Standard & Poor's Corporation, Moody's Investors Service, and FitchRatings, 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. Unvoted debt 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 the 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 Drinking Water Assistance Fund (DWAF). 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.



*Left: View looking North on Civic Center Drive, sometime during 1971 and 1980. Right: View looking North on Civic Center Drive, 2015.*

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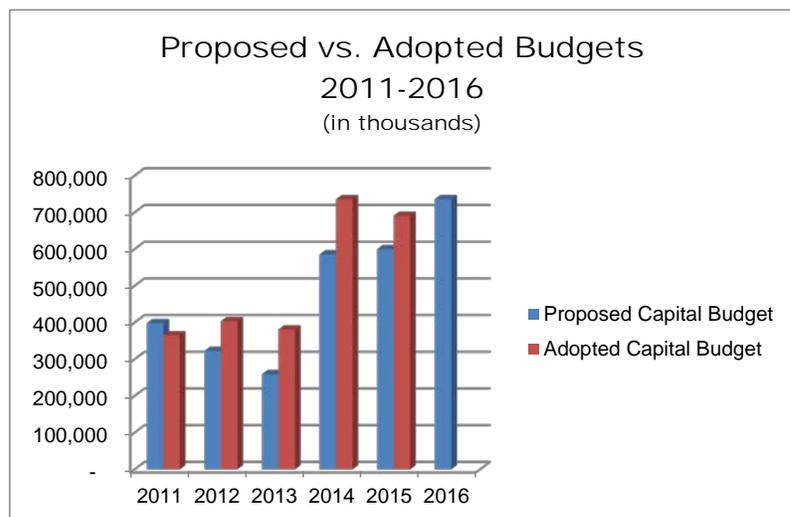
## Funding the Capital Improvement Program

The city deposits twenty-five percent of the City of Columbus' two and one-half percent income tax to the special income tax (SIT) fund to service debt, primarily for non-enterprise agencies. In 2016, SIT income tax deposits are currently projected at nearly \$202.6 million. This amount will be revised when the final 2015 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, and 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 \$17.3 million for 2016.

The SIT analysis does include some debt service associated with storm sewers, primarily those projects authorized in the 1991 voted bond package, which totaled \$25 million. All other debt service for storm sewers is paid from the storm maintenance fund. Debt service that relates to enterprise agencies is primarily paid through user fees.

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 2015 to 2024.

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.



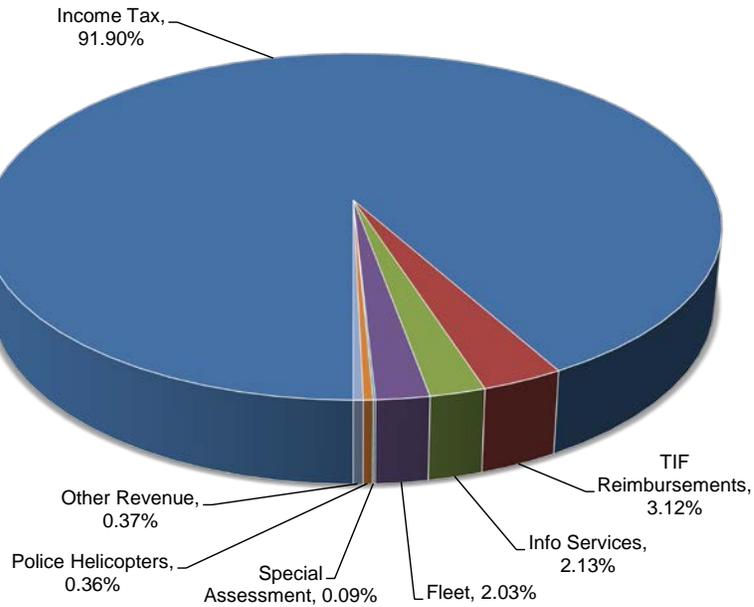
## Coverage Factor

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 revenue 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 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.

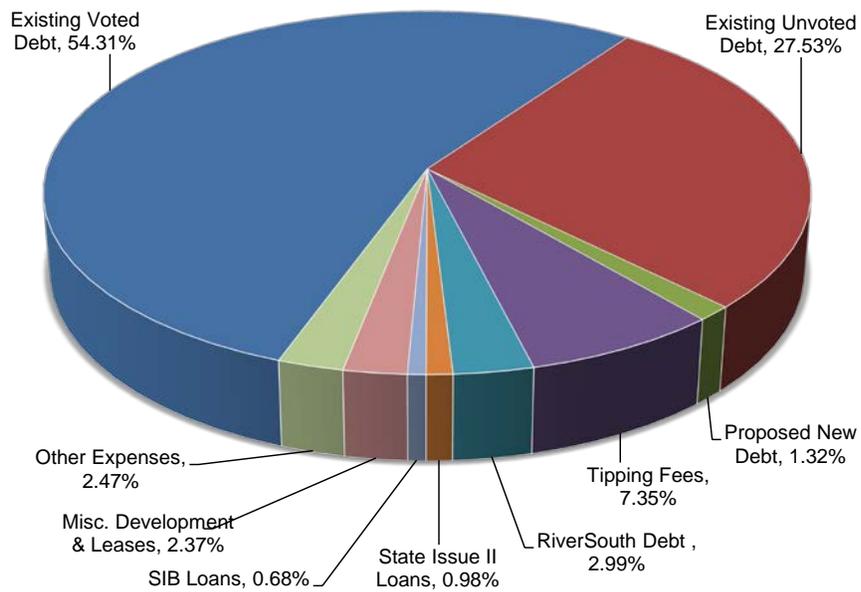


# SPECIAL INCOME TAX ANALYSIS PROPOSED 2016 BUDGET

## REVENUES



## EXPENDITURES



## Debt Limitations and Obligations

The following explanation of “Debt Limitations” has been extracted from the city’s Official Statement dated August 13, 2015.

### 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 (5.50%) 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 (10.50%) 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.

### 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 County Budget Commission pursuant to 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 tax-supported obligations is expected to be paid from special assessments, utility earnings or other sources. However, revenue bonds and notes, payable solely from specifically pledged revenues, are not included in calculating debt subject to this limitation since neither the general revenue nor the full faith and credit of the issuer is 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.

Such determinations are made by the County Auditor who has certified to the city that there is sufficient uncommitted millage within the ten mill limitation to service the city's unvoted general obligation debt. The following table represents the estimated inside millage for the city and its overlapping subdivisions as of August 13, 2015.

Political Subdivision of State of Ohio	Mills Required		
	Franklin County	Fairfield County	Delaware County
Direct			
City of Columbus	5.1819	5.3128	5.3128
Overlapping			
County	1.0238	1.8269	0.3710
School District	0.4479	--	--
Joint Vocational School District	--	0.0548	--
Solid Waste Authority of Central Ohio	0.4143	0.4172	0.4172
Township	2.0993	--	--
<b>Total Millage Required</b>	<b>9.1672</b>	<b>7.6117</b>	<b>6.1010</b>
Maximum Millage Permitted	10.0000	10.0000	10.0000
Remaining Millage Capacity	0.8328	2.3883	3.8990

## Debt Service Payments

During fiscal year 2015, the city will have retired approximately \$225.1 million in general obligation debt and issued an additional \$333.5 million in general obligation bonds and notes. Debt service payments for 2016 and 2017 by fund type are listed in the table below. The table below includes both debt service payments for general obligation bonds as well as revenue bonds.

<b>BUDGETED EXISTING DEBT SERVICE (GENERAL OBLIGATION AND REVENUE BONDS)</b>			
<u>Non-Enterprise Funds</u>	<u>2016</u>	<u>2017</u>	<u>Total</u>
SIT Fund Supported	\$ 205,704,104	\$ 209,221,653	\$ 414,925,757
Non-Enterprise Sub Total	\$ 205,704,104	\$ 209,221,653	\$ 414,925,757
<b>Enterprise Funds</b>			
Water	\$ 77,109,711	\$ 76,091,173	\$ 153,200,884
Sanitary Sewer	43,427,755	59,158,984	102,586,739
Storm	11,340,538	11,758,320	23,098,858
Electricity	1,656,608	1,329,143	2,985,751
Enterprise Sub Total	\$ 133,534,612	\$ 148,337,620	\$ 281,872,232
<b>Internal Service Funds</b>			
Fleet Management	\$ 4,449,916	\$ 5,166,213	\$ 9,616,129
Information Services	4,578,434	4,820,474	9,398,908
Internal Service Sub Total	\$ 9,028,350	\$ 9,986,687	\$ 19,015,037
<b>Grand Total</b>	<b>\$ 348,267,066</b>	<b>\$ 367,545,960</b>	<b>\$ 715,813,026</b>

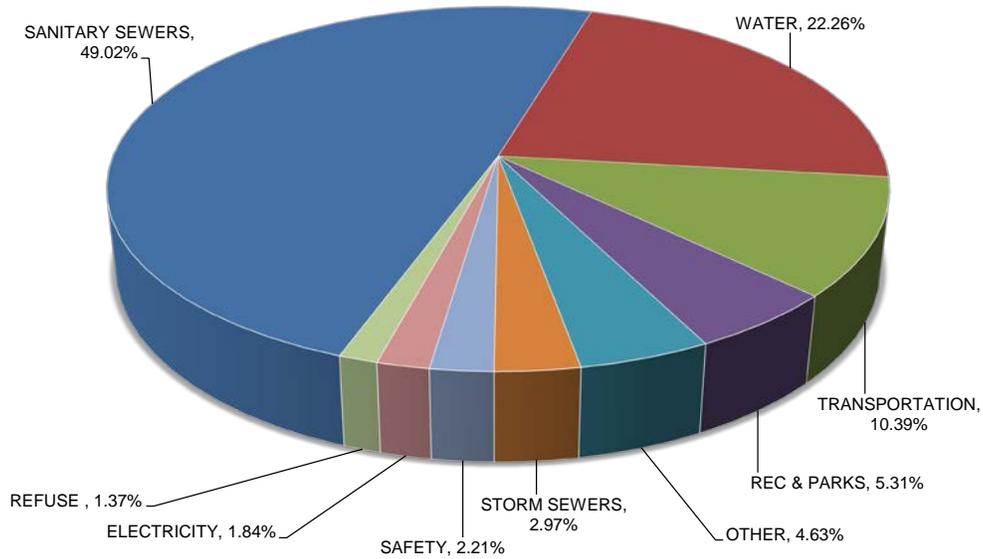
## The Proposed 2016-2021 Capital Improvement Program

The proposed Capital Improvement Program provides approximately \$2.7 billion in funding for various capital improvements for the period of 2016-2021. Of this amount, \$591.3 million is to be supported by the SIT while \$2.0 billion will be supported by the enterprise agencies of the city. The proposed 2016-2021 CIP represents a 6.4% increase over the adopted 2015-2020 CIP. The proposed 2016 CIB totals approximately \$735.9 million.

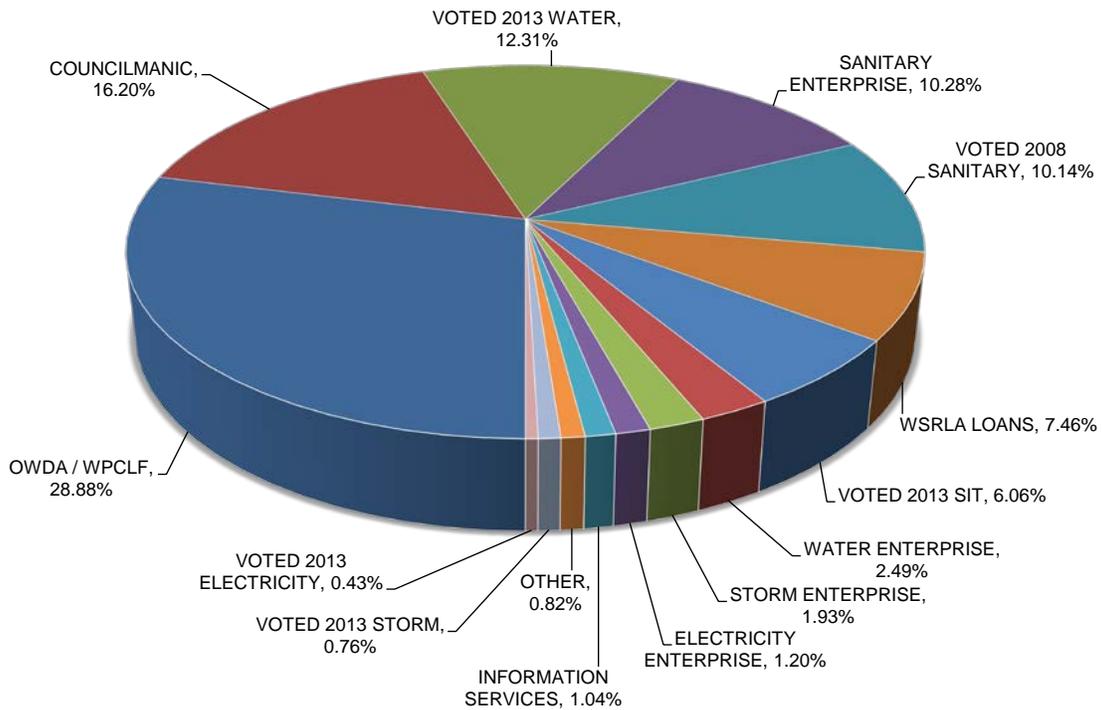
The administration intends to continue to review the proposed CIP through the end of the year. It is possible that adjustments to the proposed plan could occur to accommodate changes in priorities and financial assumptions.

# 2016-2021 CAPITAL IMPROVEMENTS PROGRAM

PERCENT BY DIVISION



PERCENT BY FUNDING SOURCE



# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
<b>PUBLIC SAFETY</b>									
<b>ADMINISTRATION 30-01</b>									
Safety Cameras	Recurring	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,000,000	Councilmanic (To Be Determined)
<b>Subtotal - ADMINISTRATION 30-01</b>		<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ 3,000,000</b>	
<b>POLICE 30- 03</b>									
30-03 Police Facility Renovation	Recurring	2,006,000	1,680,000	1,680,000	1,680,000	1,680,000	1,680,000	10,406,000	Councilmanic SIT Supported
<b>Subtotal - POLICE 30-03</b>		<b>\$ 2,006,000</b>	<b>\$ 1,680,000</b>	<b>\$ 10,406,000</b>					
<b>FIRE 30-04</b>									
30-04 Fire Apparatus Replacement - Medics	Recurring	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	Councilmanic SIT Supported
30-04 Fire Apparatus Replacement - Medics	Recurring	2,000,000	-	-	-	-	-	2,000,000	Voted 2013 Debt SIT Supported
30-04 Fire Apparatus Replacement - Platform Ladders	Recurring	820,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,820,000	Councilmanic SIT Supported
30-04 Fire Apparatus Replacement - Platform Ladders	Recurring	1,180,000	-	-	-	-	-	1,180,000	Voted 2013 Debt SIT Supported
30-04 Fire Apparatus Replacement - Engines	Recurring	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	Councilmanic SIT Supported
30-04 Fire Apparatus Replacement - Engines	Recurring	2,000,000	-	-	-	-	-	2,000,000	Voted 2013 Debt SIT Supported
30-04 Fire Facility Renovation	Recurring	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	Councilmanic (To Be Determined)
30-04 Fire Facility Renovation	Recurring	1,594,000	1,320,000	1,320,000	1,320,000	1,320,000	1,320,000	8,194,000	Councilmanic SIT Supported
<b>Subtotal - FIRE 30-04</b>		<b>\$ 7,794,000</b>	<b>\$ 7,520,000</b>	<b>\$ 45,394,000</b>					
<b>DEVELOPMENT</b>									
<b>ADMINISTRATION 44-01</b>									
Green Columbus Fund	Recurring	1,400,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,400,000	Councilmanic SIT Supported
Economic & Community Development	Recurring	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	Councilmanic SIT Supported
44-10 Housing Preservation	Recurring	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	Councilmanic SIT Supported
Home again - Land Bank Property Renovations	Recurring	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	Councilmanic (To Be Determined)
Home again - Property Renovations-Veterans	Recurring	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	Councilmanic (To Be Determined)
44-10 Emergency Shelter Repair	Recurring	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000	Councilmanic SIT Supported
<b>Subtotal - ADMINISTRATION 44-01</b>		<b>\$ 5,000,000</b>	<b>\$ 4,600,000</b>	<b>\$ 28,000,000</b>					
<b>FINANCE AND MANAGEMENT</b>									
<b>CONSTRUCTION MANAGEMENT 45-27</b>									
Facility Renovations - Project cost Allocation	Recurring	600,000	600,000	600,000	600,000	600,000	600,000	3,600,000	Councilmanic SIT Supported
Facility Renovations - Various	Recurring	2,848,000	2,848,000	2,848,000	2,848,000	2,848,000	2,848,000	17,088,000	Councilmanic SIT Supported
Facilities Management Division - Various	Recurring	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	Councilmanic SIT Supported
Asbestos Assessment	Non-Recurring	100,000	-	-	-	-	-	100,000	Councilmanic SIT Supported
Construction Management - Design Services	Recurring	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	Councilmanic SIT Supported
Construction Management - Project Management	Recurring	150,000	150,000	150,000	150,000	150,000	150,000	900,000	Councilmanic SIT Supported
City Hall Renovations - Various	Recurring	2,640,000	2,642,000	2,642,000	2,642,000	2,642,000	2,642,000	15,850,000	Councilmanic SIT Supported
Municipal Court - Phased Renovations	Recurring	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	12,000,000	Councilmanic SIT Supported
City Hall Modernization	Non-Recurring	9,957,000	-	-	-	-	-	9,957,000	Councilmanic SIT Supported
<b>Subtotal - CONSTRUCTION MANAGEMENT 45-27</b>		<b>\$ 18,745,000</b>	<b>\$ 8,690,000</b>	<b>\$ 62,195,000</b>					
<b>FLEET MANAGEMENT 45- 05</b>									
Fleet Management Facility - Security Camera Upgrade	Non-Recurring	200,000	-	-	-	-	-	200,000	Fleet Management (Unvoted)
Fleet Automated Fuel Location Upgrades	Recurring	100,000	100,000	100,000	100,000	100,000	100,000	600,000	Fleet Management (Unvoted)
Fleet Equipment Replacement	Recurring	100,000	100,000	100,000	100,000	100,000	100,000	600,000	Fleet Management (Unvoted)
Fuel Tank Management	Recurring	600,000	600,000	600,000	600,000	600,000	600,000	3,600,000	Fleet Management (Unvoted)
<b>Subtotal - FLEET MANAGEMENT 45-05</b>		<b>\$ 1,000,000</b>	<b>\$ 800,000</b>	<b>\$ 5,000,000</b>					

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)

DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
<b>TECHNOLOGY</b>									
<b>DOT ADMINISTRATION 47- 01</b>									
47-02 Data Center Facility Upgrades	Recurring	-	200,000	-	100,000	200,000	1,200,000	1,700,000	Information Services
City Hall Data Center Facility Upgrades	Recurring	30,000	-	30,000	30,000	-	30,000	120,000	Information Services
47-02 Disaster Recovery Project	Recurring	300,000	100,000	-	100,000	-	325,000	825,000	Information Services
47-02 Connectivity Project Fiber/Wireless	Recurring	750,000	750,000	750,000	1,250,000	1,250,000	1,250,000	6,000,000	Information Services
47-02 CTSS Fiber Purchase B,C,D	Recurring	800,000	-	800,000	-	800,000	-	2,400,000	Information Services
Routing Equipment Upgrade	Recurring	450,000	300,000	300,000	300,000	300,000	300,000	1,950,000	Information Services
Uninterruptable Power Supply (UPS)	Recurring	90,000	90,000	50,000	50,000	50,000	50,000	380,000	Information Services
Wireless LAN	Recurring	80,000	80,000	80,000	80,000	50,000	50,000	420,000	Information Services
47-02 Enterprise System Upgrades	Recurring	400,000	375,000	1,700,000	425,000	400,000	375,000	3,675,000	Information Services
Enterprise System Upgrades - Security Program	Recurring	500,000	250,000	190,000	290,000	200,000	200,000	1,630,000	Information Services
Asset Management	Recurring	150,000	190,000	190,000	100,000	200,000	200,000	1,030,000	Information Services
Enterprise Business Intelligence	Recurring	250,000	100,000	100,000	100,000	100,000	-	650,000	Information Services
Enterprise System Upgrades - GIS	Recurring	50,000	50,000	50,000	250,000	200,000	70,000	670,000	Information Services
Enterprise System Upgrades - Applications	Recurring	150,000	150,000	150,000	150,000	150,000	-	750,000	Information Services
E-Gov Initiatives	Non-Recurring	-	-	-	100,000	450,000	-	550,000	Information Services
E-Gov Initiatives - Mobile Application	Non-Recurring	-	-	-	150,000	250,000	-	400,000	Information Services
CS Telephony Upgrade - V OIP	Recurring	390,000	370,000	875,000	340,000	325,000	200,000	2,500,000	Information Services
IVR Telephony Enhancements-Upgrades	Recurring	100,000	40,000	40,000	100,000	100,000	100,000	480,000	Information Services
Media Services - Studio Equipment	Non-Recurring	-	-	-	150,000	-	-	150,000	Information Services
Media Services - Field Camera System	Non-Recurring	-	-	-	50,000	25,000	-	75,000	Information Services
Media Services - NLE Editor Purchases	Non-Recurring	25,000	-	-	-	25,000	-	50,000	Information Services
Unified Communications	Recurring	120,000	600,000	150,000	-	150,000	-	1,020,000	Information Services
Health Vital Stats Project	Non-Recurring	-	-	270,000	-	-	-	270,000	Information Services
<b>Subtotal - DOT ADMINISTRATION 47- 01</b>		<b>\$ 4,635,000</b>	<b>\$ 3,645,000</b>	<b>\$ 5,725,000</b>	<b>\$ 4,115,000</b>	<b>\$ 5,225,000</b>	<b>\$ 4,350,000</b>	<b>\$ 27,695,000</b>	
<b>RECREATION AND PARKS</b>									
<b>RECREATION AND PARKS 51- 01</b>									
51 Urban Infra.- Rec & Parks	Recurring	-	-	-	753,200	753,200	753,200	2,259,600	Councilmanic SIT Supported
51 Urban Infra.- Rec & Parks	Recurring	2,803,200	753,200	753,200	-	-	-	4,309,600	Voted 2013 Debt SIT Supported
51-01 Swimming Facilities	Recurring	-	-	-	4,136,000	500,000	4,136,000	8,772,000	Councilmanic SIT Supported
51-01 Swimming Facilities	Recurring	500,000	4,136,000	500,000	-	-	-	5,136,000	Voted 2013 Debt SIT Supported
51-01 Park & Playground Development	Recurring	-	-	856,000	856,000	856,000	856,000	3,424,000	Councilmanic SIT Supported
51-01 Park & Playground Development	Recurring	856,000	856,000	-	-	-	-	1,712,000	Voted 2013 Debt SIT Supported
Park and Playgrounds - Misc.	Recurring	-	-	-	200,000	200,000	200,000	600,000	Councilmanic SIT Supported
Park and Playgrounds - Misc.	Recurring	200,000	200,000	200,000	-	-	-	600,000	Voted 2013 Debt SIT Supported
Hard Surface Improvements: yearly improvements	Recurring	-	-	191,000	800,000	800,000	800,000	2,591,000	Councilmanic SIT Supported
Hard Surface Improvements: yearly improvements	Recurring	950,000	800,000	609,000	-	-	-	2,359,000	Voted 2013 Debt SIT Supported
Olentangy Water Trail Improvements	Non-Recurring	145,000	-	-	-	-	-	145,000	Voted 2013 Debt SIT Supported
51-01 Facility Renovations	Recurring	-	-	8,493,000	4,857,000	8,493,000	4,857,000	26,700,000	Councilmanic SIT Supported
51-01 Facility Renovations	Recurring	8,293,000	4,857,000	-	-	-	-	13,150,000	Voted 2013 Debt SIT Supported
Facility Imps - Contingencies	Recurring	-	-	200,000	200,000	200,000	200,000	800,000	Councilmanic SIT Supported
Facility Imps - Contingencies	Recurring	200,000	200,000	-	-	-	-	400,000	Voted 2013 Debt SIT Supported
HVAC Improvements: various facilities	Recurring	-	-	3,150,000	3,150,000	3,150,000	3,150,000	12,600,000	Councilmanic SIT Supported
HVAC Improvements: various facilities	Recurring	3,150,000	3,150,000	-	-	-	-	6,300,000	Voted 2013 Debt SIT Supported
Facility: Roof Improvements Various	Recurring	-	-	-	800,000	800,000	800,000	2,400,000	Councilmanic SIT Supported
Facility: Roof Improvements Various	Recurring	800,000	800,000	800,000	-	-	-	2,400,000	Voted 2013 Debt SIT Supported
Indian Village Wyandot Lodge Development	Non-Recurring	2,200,000	-	-	-	-	-	2,200,000	Voted 2013 Debt SIT Supported
Street Trees: Green initiative	Recurring	-	-	-	400,000	400,000	400,000	1,200,000	Councilmanic SIT Supported
Street Trees: Green initiative	Recurring	400,000	400,000	400,000	-	-	-	1,200,000	Voted 2013 Debt SIT Supported
Maintenance Equipment-Parks	Recurring	-	-	300,000	300,000	300,000	300,000	1,200,000	Councilmanic SIT Supported
Maintenance Equipment-Parks	Recurring	300,000	300,000	-	-	-	-	600,000	Voted 2013 Debt SIT Supported
51-01 Park Acquisition	Recurring	-	-	-	774,000	774,000	774,000	2,322,000	Councilmanic SIT Supported
51-01 Park Acquisition	Recurring	774,000	774,000	774,000	-	-	-	2,322,000	Voted 2013 Debt SIT Supported
51-01 Greenways Projects	Recurring	-	-	2,050,000	4,433,800	4,433,800	4,433,800	15,351,400	Councilmanic SIT Supported
51-01 Greenways Projects	Recurring	4,433,800	4,433,800	2,383,800	-	-	-	11,251,400	Voted 2013 Debt SIT Supported
51-01 Safe Playgrounds	Recurring	-	-	-	500,000	500,000	500,000	1,500,000	Councilmanic SIT Supported

# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
51-01 Safe Playgrounds	Recurring	500,000	500,000	500,000	-	-	-	1,500,000	Voted 2013 Debt SIT Supported
Golf: Equipment Replacements	Recurring	-	-	200,000	200,000	200,000	200,000	800,000	Councilmanic SIT Supported
Golf: Equipment Replacements	Recurring	200,000	200,000	-	-	-	-	400,000	Voted 2013 Debt SIT Supported
Golf: Hard Surface Improvements	Recurring	-	-	70,000	70,000	70,000	70,000	280,000	Councilmanic SIT Supported
Golf: Hard Surface Improvements	Recurring	70,000	70,000	-	-	-	-	140,000	Voted 2013 Debt SIT Supported
Golf Improvements- Miscellaneous	Recurring	-	-	50,000	50,000	50,000	50,000	200,000	Councilmanic SIT Supported
Golf Improvements- Miscellaneous	Recurring	50,000	50,000	-	-	-	-	100,000	Voted 2013 Debt SIT Supported
Golf Improvements: General Golf Facility Improvements	Recurring	-	-	300,000	300,000	300,000	300,000	1,200,000	Councilmanic SIT Supported
Golf Improvements: General Golf Facility Improvements	Recurring	300,000	300,000	-	-	-	-	600,000	Voted 2013 Debt SIT Supported
<b>Subtotal - RECREATION AND PARKS 51- 01</b>		<b>\$ 27,125,000</b>	<b>\$ 22,780,000</b>	<b>\$ 141,025,000</b>					
<b>Public Service</b>									
<b>TRANSPORTATION 59-12</b>									
UIRF - Urban Infrastructure Recovery Fund (59-12)	Recurring	-	-	5,651,813	5,651,813	5,651,813	5,651,813	22,607,252	Councilmanic SIT Supported
UIRF - Urban Infrastructure Recovery Fund (59-12)	Recurring	6,651,813	5,651,813	-	-	-	-	12,303,626	Voted 2013 Debt SIT Supported
Street Equipment	Recurring	-	706,794	856,794	856,794	856,794	856,794	4,133,970	Councilmanic SIT Supported
Street Equipment	Recurring	856,341	150,000	-	-	-	-	1,006,341	Voted 2013 Debt SIT Supported
Short North SID - High Street Improvements Phase 1	Non-Recurring	1,200,000	-	-	-	-	-	1,200,000	Voted 2013 Debt SIT Supported
NCR-TBD	Recurring	-	-	2,500,000	2,500,000	2,500,000	2,500,000	10,000,000	Councilmanic SIT Supported
NCR-TBD	Recurring	2,500,000	2,500,000	-	-	-	-	5,000,000	Voted 2013 Debt SIT Supported
Intersection Improvements - Georgesville Road at Holt Road	Non-Recurring	505,000	-	-	-	-	-	505,000	Voted 2013 Debt SIT Supported
ADA Curb Ramps - Repair	Recurring	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000	Councilmanic (To Be Determined)
ADA Ramp Projects - Schiller Park Entrance	Non-Recurring	70,000	-	-	-	-	-	70,000	Voted 2013 Debt SIT Supported
Arterial Street Rehabilitation - Parsons Avenue-Franklin Avenue to Broad Street	Non-Recurring	2,445,000	-	-	-	-	-	2,445,000	Voted 2013 Debt SIT Supported
Bridge Rehabilitation - South Old State Culvert (includes Godown)	Non-Recurring	500,000	-	-	-	-	-	500,000	Voted 2013 Debt SIT Supported
Alley Rehabilitation - Misc.	Recurring	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	Councilmanic SIT Supported
Alley Rehabilitation - Misc.	Recurring	1,500,000	-	-	-	-	-	1,500,000	Voted 2013 Debt SIT Supported
Bridge Rehabilitation - Morse Road Under Norfolk Southern RR	Non-Recurring	1,200,000	-	-	-	-	-	1,200,000	Voted 2013 Debt SIT Supported
Roadway Improvements - SCMRF reimbursements	Recurring	-	626,813	2,550,000	2,550,000	2,550,000	2,550,000	10,826,813	Councilmanic SIT Supported
Roadway Improvements - SCMRF reimbursements	Recurring	2,550,000	1,923,187	-	-	-	-	4,473,187	Voted 2013 Debt SIT Supported
Roadway Improvements - Utility Relocation Reimbursements	Recurring	-	100,000	100,000	100,000	100,000	100,000	500,000	Councilmanic SIT Supported
Roadway Improvements - Miscellaneous Construction Inspection	Recurring	-	100,000	100,000	100,000	100,000	100,000	500,000	Councilmanic SIT Supported
Roadway Improvements - Miscellaneous Right of Way Acquisition	Recurring	-	100,000	100,000	100,000	100,000	100,000	500,000	Councilmanic SIT Supported
Roadway Improvements - Utility Cut and Restoration	Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt SIT Supported
Curb Reconstruction - Qwik Curb Commodity	Recurring	-	50,000	50,000	50,000	50,000	50,000	250,000	Councilmanic SIT Supported
Curb Reconstruction - Qwik Curb Commodity	Recurring	50,000	-	-	-	-	-	50,000	Voted 2013 Debt SIT Supported
Resurfacing - Pavement and Asset Management Services	Recurring	-	400,000	300,000	-	-	-	700,000	Councilmanic SIT Supported
Resurfacing - Resurfacing Projects	Recurring	-	-	16,700,000	17,000,000	17,000,000	17,000,000	67,700,000	Councilmanic SIT Supported
Resurfacing - Resurfacing Projects	Recurring	15,325,600	15,975,000	-	-	-	-	31,300,600	Voted 2013 Debt SIT Supported
Resurfacing - Urban Paving - SR33 Dublin Rd/Spring Street (PID 86651)	Non-Recurring	514,000	-	-	-	-	-	514,000	Voted 2013 Debt SIT Supported
Resurfacing - Preventive Surface Treatments - Crack Seal	Recurring	-	750,000	750,000	750,000	750,000	750,000	3,750,000	Councilmanic SIT Supported
Resurfacing - Preventive Surface Treatments - Crack Seal	Recurring	750,000	-	-	-	-	-	750,000	Voted 2013 Debt SIT Supported
Resurfacing - Preventive Surface Treatments - Slurry Seal	Recurring	-	750,000	750,000	750,000	750,000	750,000	3,750,000	Councilmanic SIT Supported
Resurfacing - Preventive Surface Treatments - Slurry Seal	Recurring	750,000	-	-	-	-	-	750,000	Voted 2013 Debt SIT Supported
Resurfacing - Urban Paving - SR315 (PID 76420)	Non-Recurring	350,000	-	-	-	-	-	350,000	Voted 2013 Debt SIT Supported
Resurfacing -- West Broad Street Urban Paving (PID 86645)	Non-Recurring	643,000	-	-	-	-	-	643,000	Voted 2013 Debt SIT Supported
Resurfacing-Urban Paving - SR315 and 3D (Spring St) (PID 91449)	Non-Recurring	167,400	-	-	-	-	-	167,400	Voted 2013 Debt SIT Supported
Resurfacing -- Urban Paving US 33 - Livingston Ave and Third Street (PID 86652)	Non-Recurring	-	625,000	-	-	-	-	625,000	Councilmanic SIT Supported
Bridge Rehabilitation	Recurring	-	2,321,393	3,071,393	3,071,393	3,071,393	3,071,393	14,606,965	Councilmanic SIT Supported
Bridge Rehabilitation	Recurring	671,846	-	-	-	-	-	671,846	Voted 2013 Debt SIT Supported
Bridge Rehabilitation - General Engineering Bridges	Recurring	-	300,000	300,000	300,000	300,000	300,000	1,500,000	Councilmanic SIT Supported
Bridge Rehabilitation - General Engineering Bridges	Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt SIT Supported

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
Bridge Rehabilitation - 5th Avenue under Conrail and Norfolk Southern RR	Non-Recurring	-	750,000	-	-	-	-	750,000	Councilmanic SIT Supported
Bridge Rehabilitation - Sinclair Road Over Stream North of Morse Rd	Non-Recurring	200,000	-	-	-	-	-	200,000	Voted 2013 Debt SIT Supported
Housing Initiatives - Roadway	Recurring	-	800,000	800,000	800,000	800,000	800,000	4,000,000	Councilmanic SIT Supported
Housing Initiatives - Roadway	Recurring	800,000	-	-	-	-	-	800,000	Voted 2013 Debt SIT Supported
Bikeway Development	Recurring	-	1,045,000	1,650,000	1,650,000	2,000,000	2,000,000	8,345,000	Councilmanic SIT Supported
Bikeway Development	Recurring	50,000	-	-	-	-	-	50,000	Voted 2013 Debt SIT Supported
Bikeway Development - Bike Hitches/Racks	Recurring	-	50,000	-	-	-	-	50,000	Councilmanic SIT Supported
Bikeway Development - Pavement Marking and Signage Contract	Recurring	-	-	350,000	350,000	-	-	700,000	Councilmanic SIT Supported
Bikeway Development - Olentangy to Alum Creek East-West Connector Phase 2	Non-Recurring	-	100,000	-	-	-	-	100,000	Councilmanic SIT Supported
Bikeway Development - Georgesville Shared Use Path North-South Connector	Non-Recurring	-	455,000	-	-	-	-	455,000	Councilmanic SIT Supported
Bikeway Development - Morse Road at the Alum Creek Trail	Non-Recurring	-	100,000	-	-	-	-	100,000	Councilmanic SIT Supported
Bikeway Development - Morse Road at the Alum Creek Trail	Non-Recurring	10,000	-	-	-	-	-	10,000	Voted 2013 Debt SIT Supported
Bikeway Development - Hard Road at SR315 crossing at Olentangy Trail	Non-Recurring	-	250,000	-	-	-	-	250,000	Councilmanic SIT Supported
Bikeway Development - Hard Road at SR315 crossing at Olentangy Trail	Non-Recurring	500,000	-	-	-	-	-	500,000	Voted 2013 Debt SIT Supported
Bikeway Development - Roberts Road Bike Lanes - Westbelt Drive to International Street	Non-Recurring	40,000	-	-	-	-	-	40,000	Voted 2013 Debt SIT Supported
School Flashers - 20 MPH - Commodities	Recurring	-	50,000	50,000	50,000	50,000	50,000	250,000	Councilmanic SIT Supported
School Flashers - 20 MPH - Commodities	Recurring	50,000	-	-	-	-	-	50,000	Voted 2013 Debt SIT Supported
Traffic Signal Installation - Commodities	Recurring	-	950,000	950,000	950,000	950,000	950,000	4,750,000	Councilmanic SIT Supported
Traffic Signal Installation - Commodities	Recurring	950,000	-	-	-	-	-	950,000	Voted 2013 Debt SIT Supported
Signal Installation - Broad St at Hoffman Av	Non-Recurring	150,000	-	-	-	-	-	150,000	Voted 2013 Debt SIT Supported
Sign Upgrading/Street name Signs - Commodities	Recurring	-	325,000	325,000	325,000	325,000	325,000	1,625,000	Councilmanic SIT Supported
Sign Upgrading/Street name Signs - Commodities	Recurring	325,000	-	-	-	-	-	325,000	Voted 2013 Debt SIT Supported
Permanent Pavement Markings	Recurring	-	500,000	500,000	500,000	500,000	500,000	2,500,000	Councilmanic SIT Supported
Permanent Pavement Markings	Recurring	500,000	-	-	-	-	-	500,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements - Sidewalk Program	Recurring	-	370,000	4,000,000	3,148,100	4,000,000	4,000,000	15,518,100	Councilmanic SIT Supported
Pedestrian Safety Improvements - Sidewalk Program	Recurring	281,000	-	-	-	-	-	281,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements - Hilltop Community Mobility Plan	Non-Recurring	50,000	-	-	-	-	-	50,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements-COTA Sidewalks Phase 2	Non-Recurring	440,000	-	-	-	-	-	440,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements - Parsons Avenue Sidewalks	Non-Recurring	-	550,000	-	-	-	-	550,000	Councilmanic SIT Supported
Pedestrian Safety Improvements - Parsons Avenue Sidewalks	Non-Recurring	70,000	-	-	-	-	-	70,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements - Moler Avenue Sidewalks	Non-Recurring	539,000	-	-	-	-	-	539,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements - Wagoner Road Shared Use Path - Broad Street to Chapel Stone Road	Non-Recurring	1,400,000	-	-	-	-	-	1,400,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvement - Whittier Street Sidewalks - Lockbourne Rd to Fairwood Ave	Non-Recurring	1,700,000	-	-	-	-	-	1,700,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvement - Eakin Road Sidewalks - Salisbury to Hague	Non-Recurring	-	550,000	-	-	-	-	550,000	Councilmanic SIT Supported
Pedestrian Safety Improvement - Eakin Road Sidewalks - Salisbury to Hague	Non-Recurring	50,000	-	-	-	-	-	50,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvement - Wilson Road Shared Use Path - Broad St to Sullivant Ave	Non-Recurring	-	1,650,000	-	-	-	-	1,650,000	Councilmanic SIT Supported
Pedestrian Safety Improvement - Wilson Road Shared Use Path - Broad St to Sullivant Ave	Non-Recurring	100,000	-	-	-	-	-	100,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements-Worthington Woods Blvd. - Park Road Sidewalks	Non-Recurring	-	850,000	-	-	-	-	850,000	Councilmanic SIT Supported
Pedestrian Safety Improvements - Fairwood Avenue - Wayland to Watkins	Non-Recurring	350,000	-	-	-	-	-	350,000	Voted 2013 Debt SIT Supported
Pedestrian Safety Improvements - Refugee Road - Winchester Pk to Hamilton Road	Non-Recurring	-	30,000	-	851,900	-	-	881,900	Councilmanic SIT Supported

# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
Pedestrian Safety Improvements - Refugee Road - Winchester Pike to Hamilton Road	Non-Recurring	700,000	-	-	-	-	-	700,000	Voted 2013 Debt SIT Supported
Miscellaneous Developments - American Addition Infrastructure	Non-Recurring	2,650,000	-	-	-	-	-	2,650,000	Voted 2013 Debt SIT Supported
Operation Safewalks - Joyce Avenue Phase 3	Non-Recurring	150,000	-	-	-	-	-	150,000	Voted 2013 Debt SIT Supported
<b>Subtotal - PUBLIC SERVICE/12 - TRANSPORTATION 59-12</b>		<b>\$ 52,605,000</b>	<b>\$ 44,655,000</b>	<b>\$ 275,880,000</b>					
<b>REFUSE COLLECTION 59- 02</b>									
Mechanized Collection Equipment - 96-Gallon Containers	Recurring	-	-	-	195,000	300,000	300,000	795,000	Councilmanic SIT Supported
Mechanized Collection Equipment - 96-Gallon Containers	Recurring	300,000	300,000	300,000	105,000	-	-	1,005,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - 300 Gallon Containers	Recurring	-	-	-	725,000	725,000	725,000	2,175,000	Councilmanic SIT Supported
Mechanized Collection Equipment - 300 Gallon Containers	Recurring	725,000	725,000	755,000	-	-	-	2,205,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Automated Side Loader Trucks	Recurring	-	-	-	-	3,000,000	3,000,000	6,000,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Automated Side Loader Trucks	Recurring	2,500,000	3,000,000	3,000,000	2,500,000	-	-	11,000,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Front-Box Loader Trucks	Recurring	-	-	-	1,380,000	900,000	900,000	3,180,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Front-Box Loader Trucks	Recurring	1,380,000	900,000	-	-	-	-	2,280,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Rear Loading Packer Trucks	Recurring	-	-	1,000,000	-	-	-	1,000,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Semi-Automated Trucks	Recurring	-	-	-	600,000	550,000	550,000	1,700,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Semi-Automated Trucks	Recurring	600,000	550,000	-	-	-	-	1,150,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Flatbed Trucks	Recurring	-	-	-	-	230,000	230,000	460,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Flatbed Trucks	Recurring	-	230,000	-	-	-	-	230,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Compactor Trucks	Recurring	-	-	-	450,000	250,000	250,000	950,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Compactor Trucks	Recurring	450,000	250,000	-	-	-	-	700,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Knuckle Boom Trucks	Recurring	-	-	1,000,000	-	-	-	1,000,000	Voted 2013 Debt SIT Supported
Mechanized Collection Equipment - Dumpsters	Recurring	-	-	-	25,000	25,000	25,000	75,000	Councilmanic SIT Supported
Mechanized Collection Equipment - Dumpsters	Recurring	25,000	25,000	25,000	-	-	-	75,000	Voted 2013 Debt SIT Supported
Alum Creek Remediation - Facility Improvements	Recurring	-	-	-	100,000	100,000	100,000	300,000	Councilmanic SIT Supported
Alum Creek Remediation - Facility Improvements	Recurring	100,000	100,000	-	-	-	-	200,000	Voted 2013 Debt SIT Supported
<b>Subtotal - PUBLIC SERVICE/REFUSE COLLECTION 59- 02</b>		<b>\$ 6,080,000</b>	<b>\$ 36,480,000</b>						
<b>Public Utilities</b>									
<b>STORM SEWER 60-15</b>									
Fountain Square Stormwater System Improvements	Non-Recurring	3,200,000	-	-	-	-	-	3,200,000	Voted 2013 Debt - Storm
Whitman Road Stormwater System Improvements	Non-Recurring	1,050,000	-	-	-	-	-	1,050,000	Voted 2013 Debt - Storm
Livingston Ave Storm Sewer Replacement	Non-Recurring	-	375,000	-	-	-	-	375,000	Voted 2013 Debt - Storm
Storm Sewer Large Diameter Condition Assessment Phase 1	Recurring	-	-	-	1,500,000	-	-	1,500,000	Storm Sewer Enterprise (Unvoted)
60-15 Petzinger Rd Stormwater Imps	Non-Recurring	-	1,100,000	-	-	-	-	1,100,000	Voted 2013 Debt - Storm
Parklane Avenue SSI	Non-Recurring	25,000	-	-	-	-	-	25,000	Voted 2013 Debt - Storm
General Engineering Svcs - Storm	Recurring	-	200,000	200,000	200,000	200,000	200,000	1,000,000	Storm Sewer Enterprise (Unvoted)
General Engineering Svcs - Storm	Recurring	200,000	-	-	-	-	-	200,000	Voted 2013 Debt - Storm
Marion Road Area Neighborhood Projects No. 2	Non-Recurring	680,000	-	-	-	-	-	680,000	Voted 2013 Debt - Storm
60-15 Linworth Rd/Meeklyn Dr Storm Sewer	Non-Recurring	-	-	500,000	-	-	-	500,000	Storm Sewer Enterprise (Unvoted)
60-15 Linworth Rd/Meeklyn Dr Storm Sewer	Non-Recurring	500,000	-	-	-	-	-	500,000	Voted 2013 Debt - Storm
Linden Neighborhood Stormwater System Improvements Phase 2	Non-Recurring	-	1,100,000	-	-	-	-	1,100,000	Voted 2013 Debt - Storm
Clintonville Neighborhood Stormwater System Improvements Phase 2	Non-Recurring	2,500,000	-	-	-	-	-	2,500,000	WPCLF/OWDA
Lehnert Farms/Bolton Field Stormwater System Improvements	Non-Recurring	-	2,500,000	-	-	-	-	2,500,000	Voted 2013 Debt - Storm
Woodward Avenue Detention Basin Modifications	Non-Recurring	650,000	-	-	-	-	-	650,000	WPCLF/OWDA
Summit View Detention Basin Modifications	Non-Recurring	450,000	-	-	-	-	-	450,000	Voted 2013 Debt - Storm
Detention Basin Modifications III	Recurring	-	-	350,000	-	-	-	350,000	Storm Sewer Enterprise (Unvoted)
Detention Basin Modifications III	Recurring	100,000	-	-	-	-	-	100,000	Voted 2013 Debt - Storm

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
Detention Basin Modifications IV	Recurring	-	100,000	-	350,000	-	-	450,000	Storm Sewer Enterprise (Unvoted)
Detention Basin Modifications V	Recurring	-	-	100,000	-	350,000	-	450,000	Storm Sewer Enterprise (Unvoted)
Detention Basin Modifications VI	Recurring	-	-	-	100,000	-	-	100,000	Storm Sewer Enterprise (Unvoted)
Rathbone Avenue Stormwater System Improvements	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Storm
Storm Sewer Contingencies-Joint Projects with DPS	Recurring	-	2,845,000	8,050,000	9,850,000	11,450,000	11,800,000	43,995,000	Storm Sewer Enterprise (Unvoted)
Storm Sewer Contingencies-Joint Projects with DPS	Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Storm
Woodward, Wildwood, and Woodnell Avenue Storm System Improvements	Non-Recurring	-	-	2,800,000	-	-	-	2,800,000	Storm Sewer Enterprise (Unvoted)
Joyce Avenue Improvements	Non-Recurring	3,950,000	-	-	-	-	-	3,950,000	Voted 2013 Debt - Storm
Terrace Avenue / Broad Street Stormwater System Improvements	Non-Recurring	4,500,000	-	-	-	-	-	4,500,000	WPCLF/OWDA
Holt Avenue / Somersworth Drive Stormwater System Improvements	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Storm
Cooper Park Stormwater System Improvements	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Storm
Grange Insurance Audubon Center Interactive Stormwater Exhibit	Non-Recurring	-	150,000	-	-	-	-	150,000	Storm Sewer Enterprise (Unvoted)
Grange Insurance Audubon Center Interactive Stormwater Exhibit	Non-Recurring	-	850,000	-	-	-	-	850,000	Voted 2013 Debt - Storm
<b>Subtotal - PUBLIC UTILITIES/STORM SEWER 60-15</b>		<b>\$ 21,805,000</b>	<b>\$ 9,220,000</b>	<b>\$ 12,000,000</b>	<b>\$ 12,000,000</b>	<b>\$ 12,000,000</b>	<b>\$ 12,000,000</b>	<b>\$ 79,025,000</b>	
<b>PUBLIC UTILITIES/SANITARY SEWERS 60- 05</b>									
Public Information Outreach	Recurring	-	-	100,000	100,000	100,000	-	300,000	Sanitary Sewer Enterprise (Unvoted)
Public Information Outreach	Recurring	100,000	100,000	-	-	-	-	200,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Real Time Control - TBD	Recurring	-	-	1,000,000	1,000,000	-	-	2,000,000	Sanitary Sewer Enterprise (Unvoted)
Real Time Control - TBD	Recurring	850,000	1,000,000	-	-	-	-	1,850,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Real Time Control - Alum Creek Storm Tanks	Recurring	50,000	-	1,000,000	-	-	-	1,050,000	Voted 2008 Debt-Sanitary Sewer Enterprise
DOSD Security & Emergency Preparedness	Recurring	-	-	100,000	100,000	100,000	100,000	400,000	Sanitary Sewer Enterprise (Unvoted)
DOSD Security & Emergency Preparedness	Recurring	100,000	100,000	-	-	-	-	200,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Big Walnut Sanitary Trunk Extension, Phase 2	Non-Recurring	-	-	-	-	500,000	-	500,000	Sanitary Sewer Enterprise (Unvoted)
Big Walnut Sanitary Trunk Extension, Phase 2	Non-Recurring	5,000,000	1,000,000	-	-	-	-	6,000,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Big Walnut Sanitary Trunk Extension, Phase 2	Non-Recurring	-	-	-	-	40,000,000	-	40,000,000	WPCLF/OWDA
60-05 Blacklick Creek Interceptor	Recurring	-	-	1,000,000	-	-	-	1,000,000	Sanitary Sewer Enterprise (Unvoted)
60-05 Blacklick Creek Interceptor	Recurring	2,714,134	1,000,000	-	-	-	-	3,714,134	Voted 2008 Debt-Sanitary Sewer Enterprise
60-05 Blacklick Creek Interceptor	Recurring	125,000,000	-	-	-	-	-	125,000,000	WPCLF/OWDA
60-05 Blacklick Creek Sanitary Interceptor Sewer CA/CI	Recurring	-	-	500,000	-	-	-	500,000	Sanitary Sewer Enterprise (Unvoted)
60-05 Blacklick Creek Sanitary Interceptor Sewer CA/CI	Recurring	4,000,000	2,000,000	1,500,000	-	-	-	7,500,000	Voted 2008 Debt-Sanitary Sewer Enterprise
60-05 General Engineering Svcs Contract	Recurring	-	-	400,000	400,000	400,000	-	1,200,000	Sanitary Sewer Enterprise (Unvoted)
60-05 General Engineering Svcs Contract	Recurring	400,000	400,000	-	-	-	-	800,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Shadeville Sanitary Interceptor	Non-Recurring	-	-	-	-	-	2,000,000	2,000,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Primary Clarifiers Electrical Upgrades	Non-Recurring	483,415	327,000	-	-	-	-	810,415	Voted 2008 Debt-Sanitary Sewer Enterprise
JPWWTP Primary Clarifiers Electrical Upgrades	Non-Recurring	-	4,083,000	-	-	-	-	4,083,000	WPCLF/OWDA
Roof Replacement for DPU Facilities	Non-Recurring	3,230,000	1,400,000	1,580,000	-	-	-	6,210,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Roof Replacement for DPU Facilities #2	Non-Recurring	-	-	400,000	2,000,000	2,000,000	2,000,000	6,400,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Biosolids Land Application Improvements	Non-Recurring	621,000	-	-	-	-	-	621,000	Voted 2008 Debt-Sanitary Sewer Enterprise
JPWWTP Biosolids Land Application Improvements	Non-Recurring	13,100,000	-	-	-	-	-	13,100,000	WPCLF/OWDA

# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
JPWWTP, Support Facilities	Non-Recurring	-	-	-	-	-	623,000	623,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Digester Cover Rehab	Non-Recurring	-	-	1,857,000	1,857,000	1,857,000	-	5,571,000	WPCLF/OWDA
JPWWTP Building Heating System Renovations	Non-Recurring	417,000	-	252,000	-	-	-	669,000	Voted 2008 Debt-Sanitary Sewer
JPWWTP Building Heating System Renovations	Non-Recurring	-	-	3,156,000	-	-	-	3,156,000	WPCLF/OWDA
6005 Facilities & Equip Upgrade for WSST	Non-Recurring	802,000	-	-	-	-	-	802,000	Voted 2008 Debt-Sanitary Sewer
6005 Facilities & Equip Upgrade for WSST	Non-Recurring	10,030,000	-	-	-	-	-	10,030,000	WPCLF/OWDA
JPWWTP, Corrosion Prevention and Protective Coating Systems (Design Services)	Non-Recurring	597,748	-	-	-	-	-	597,748	Voted 2008 Debt-Sanitary Sewer
JPWWTP, Corrosion Prevention and Protection Coating System Phase II	Non-Recurring	2,934,800	-	-	-	-	-	2,934,800	Voted 2008 Debt-Sanitary Sewer
JPWWTP, Corrosion Prevention and Protection Coating System Phase III	Non-Recurring	2,584,000	-	-	-	-	-	2,584,000	WPCLF/OWDA
DPU General Engineering Consultant Services (GEC) #2	Non-Recurring	500,000	500,000	500,000	-	-	-	1,500,000	Voted 2008 Debt-Sanitary Sewer
DPU General Engineering Consultant Services (GEC) #3	Non-Recurring	-	-	-	500,000	500,000	500,000	1,500,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Small Capital Projects	Recurring	-	-	300,000	300,000	300,000	300,000	1,200,000	Sanitary Sewer Enterprise (Unvoted)
JPWWTP Small Capital Projects	Recurring	600,000	300,000	-	-	-	-	900,000	Voted 2008 Debt-Sanitary Sewer
SWWTP Small Capital Projects	Recurring	-	-	300,000	300,000	300,000	300,000	1,200,000	Sanitary Sewer Enterprise (Unvoted)
SWWTP Small Capital Projects	Recurring	600,000	300,000	-	-	-	-	900,000	Voted 2008 Debt-Sanitary Sewer
SWWTP Building Heating Improvements - Boiler Revisions (RFP 011A)	Non-Recurring	500,000	-	-	-	-	-	500,000	Voted 2008 Debt-Sanitary Sewer
SWWTP Building Heating Improvements - Fuel Oil UST Closure (RFP 011B)	Non-Recurring	350,000	-	-	-	-	-	350,000	Voted 2008 Debt-Sanitary Sewer
Compost Facility Small Capital Projects	Recurring	-	-	200,000	200,000	200,000	200,000	800,000	Sanitary Sewer Enterprise (Unvoted)
Compost Facility Small Capital Projects	Recurring	400,000	200,000	-	-	-	-	600,000	Voted 2008 Debt-Sanitary Sewer
SMOC Small Capital Projects	Recurring	-	-	150,000	150,000	150,000	150,000	600,000	Sanitary Sewer Enterprise (Unvoted)
SMOC Small Capital Projects	Recurring	300,000	150,000	-	-	-	-	450,000	Voted 2008 Debt-Sanitary Sewer
Fairwood Building Facilities Small Capital Projects	Recurring	-	-	150,000	150,000	150,000	150,000	600,000	Sanitary Sewer Enterprise (Unvoted)
Fairwood Building Facilities Small Capital Projects	Recurring	300,000	150,000	-	-	-	-	450,000	Voted 2008 Debt-Sanitary Sewer
WWTFs Professional Construction Management	Recurring	-	-	-	3,090,000	-	-	3,090,000	Sanitary Sewer Enterprise (Unvoted)
WWTFs Professional Construction Management	Recurring	4,441,000	-	3,200,000	-	-	-	7,641,000	Voted 2008 Debt-Sanitary Sewer
Fairwood Facilities Improvements, Ph1 F36	Non-Recurring	109,636	-	-	-	-	-	109,636	Voted 2008 Debt-Sanitary Sewer
WWTFs Professional Construction Management	Recurring	-	-	516,003	534,000	534,000	330,000	1,914,003	Sanitary Sewer Enterprise (Unvoted)
WWTFs Professional Construction Management	Recurring	-	2,396,000	364,997	-	-	-	2,760,997	Voted 2008 Debt-Sanitary Sewer
WWTFs Professional Construction Management for Small Capital Projects #2	Recurring	-	-	-	250,000	-	-	250,000	Sanitary Sewer Enterprise (Unvoted)
WWTFs Professional Construction Management for Small Capital Projects #2	Recurring	500,000	-	250,000	-	-	-	750,000	Voted 2008 Debt-Sanitary Sewer
WWTFs Professional Construction Management for Small Capital Projects #3	Recurring	-	-	-	-	250,000	250,000	500,000	Sanitary Sewer Enterprise (Unvoted)
Combined Sewer Overflow (CSO) Reduction Improvements at the WWTFs	Recurring	214,000	-	-	-	-	-	214,000	Voted 2008 Debt-Sanitary Sewer
Combined Sewer Overflow (CSO) Reduction Improvements at the WWTFs	Recurring	2,671,000	-	-	-	-	-	2,671,000	WPCLF/OWDA
WWTFs Instrumentation And Control (I&C) Integration and Programming Team	Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2008 Debt-Sanitary Sewer
WWTFs Instrumentation And Control (I&C) Integration and Programming Team Part 2	Recurring	-	-	500,000	500,000	500,000	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
WWTFs Instrumentation And Control (I&C) Integration and Programming Team Part 2	Recurring	500,000	-	-	-	-	-	500,000	Voted 2008 Debt-Sanitary Sewer

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
WWTF Instrumentation and Control (I&C) Integration and Programming #3	Recurring	-	-	-	-	-	500,000	500,000	Sanitary Sewer Enterprise (Unvoted)
60-05 WWTFs Renovations and Rehabilitations	Recurring	3,000,000	-	-	-	-	-	3,000,000	Voted 2008 Debt-Sanitary Sewer
SWWTP Digestion Process Expansion	Non-Recurring	2,051,000	1,176,000	-	-	-	-	3,227,000	Voted 2008 Debt-Sanitary Sewer
SWWTP Digestion Process Expansion	Non-Recurring	-	14,700,000	-	-	-	-	14,700,000	WPCLF/OWDA
SWWTP Biosolids Land Application Facility	Non-Recurring	4,122,070	-	-	-	-	-	4,122,070	Voted 2008 Debt-Sanitary Sewer
WWTF Upgrade - General Program	Recurring	3,000,000	-	-	-	-	-	3,000,000	Voted 2008 Debt-Sanitary Sewer
WWTF Upgrade - General Program #4	Recurring	-	-	2,194,000	2,194,000	2,194,000	2,194,000	8,776,000	Sanitary Sewer Enterprise (Unvoted)
WWTF Upgrade - General Program #4	Recurring	4,388,000	-	-	-	-	-	4,388,000	Voted 2008 Debt-Sanitary Sewer
WWTF Professional Construction Mgmt - 2012 - 2016	Recurring	2,469,000	-	-	-	-	-	2,469,000	Voted 2008 Debt-Sanitary Sewer
60-05 SWWTP Chemically Enhanced Primary Treatment: Preliminary Treatment	Recurring	2,800,000	-	-	-	-	-	2,800,000	Voted 2008 Debt-Sanitary Sewer
60-05 SWWTP Chemically Enhanced Primary Treatment: Preliminary Treatment	Recurring	-	35,000,000	-	-	-	-	35,000,000	WPCLF/OWDA
60-05 SWWTP Chemically Enhanced Primary Treatment (CEPT): Clarification	Recurring	6,136,000	-	-	-	-	-	6,136,000	Voted 2008 Debt-Sanitary Sewer
60-05 SWWTP Chemically Enhanced Primary Treatment (CEPT): Clarification	Recurring	-	36,400,000	-	-	-	-	36,400,000	WPCLF/OWDA
60-05 SWWTP Chemically Enhanced Primary Treatment (CEPT): Disinfection	Recurring	4,525,142	-	-	-	-	-	4,525,142	Voted 2008 Debt-Sanitary Sewer
60-05 SWWTP Chemically Enhanced Primary Treatment (CEPT): Disinfection	Recurring	-	23,500,000	-	-	-	-	23,500,000	WPCLF/OWDA
SWWTP Chemically Enhanced Primary Treatment CEPT Site Preparation	Recurring	5,000,000	-	-	-	-	-	5,000,000	WPCLF/OWDA
2015 Annual Lining Contract	Recurring	5,000,000	-	-	-	-	-	5,000,000	Voted 2008 Debt-Sanitary Sewer
2016 Annual Lining Contract	Recurring	8,000,000	-	-	-	-	-	8,000,000	WPCLF/OWDA
2018 Annual Lining Contract	Recurring	-	-	5,000,000	-	-	-	5,000,000	Sanitary Sewer Enterprise (Unvoted)
2019 Annual Lining Contract	Recurring	-	-	-	5,000,000	-	-	5,000,000	Sanitary Sewer Enterprise (Unvoted)
2020 Annual Lining Contract	Recurring	-	-	-	-	5,000,000	-	5,000,000	Sanitary Sewer Enterprise (Unvoted)
Barthman/Parsons Green Infrastructure Phase 2 Pilot Project	Non-Recurring	2,000,000	-	-	-	-	-	2,000,000	Voted 2008 Debt-Sanitary Sewer
Sewer System Capacity Model update 2012	Recurring	2,500,000	1,500,000	-	-	-	-	4,000,000	Voted 2008 Debt-Sanitary Sewer
Sewer System Capacity Model update 2018	Recurring	-	-	2,500,000	1,500,000	1,500,000	1,500,000	7,000,000	Sanitary Sewer Enterprise (Unvoted)
BWARI Biofilter	Non-Recurring	3,000,000	-	-	-	-	-	3,000,000	WPCLF/OWDA
Big Walnut/Rickenbacker Sanitary Interceptor	Non-Recurring	2,104,973	750,000	-	-	-	-	2,854,973	Voted 2008 Debt-Sanitary Sewer
Big Walnut/Rickenbacker Sanitary Interceptor	Non-Recurring	61,500,000	-	-	-	-	-	61,500,000	WPCLF/OWDA
Lockbourne Subtrunk Air Quality Improvements	Non-Recurring	2,500,000	-	-	-	-	-	2,500,000	WPCLF/OWDA
Big Walnut Augmentation / Rickenbacker Interceptor (BWARI)	Non-Recurring	7,075,778	-	-	-	-	-	7,075,778	Voted 2008 Debt-Sanitary Sewer
Lockbourne Subtrunk CA/CI	Non-Recurring	2,361,600	-	-	-	-	-	2,361,600	Voted 2008 Debt-Sanitary Sewer
Upper Scioto West Air Quality Improvement	Non-Recurring	-	-	-	-	-	-	-	-
Upper Scioto West Subtrunk, Hayden Run Area, West of Cosgray Rd	Non-Recurring	-	-	-	-	3,000,000	-	3,000,000	WPCLF/OWDA
Upper Scioto West Shaft	Non-Recurring	1,500,000	-	-	-	-	-	1,500,000	Voted 2008 Debt-Sanitary Sewer
Franklinton East Sewer Improvements	Non-Recurring	4,000,000	-	1,000,000	-	-	-	5,000,000	Voted 2008 Debt-Sanitary Sewer
Woodward Avenue Sanitary Sewers	Non-Recurring	75,000	-	-	-	-	-	75,000	Voted 2008 Debt-Sanitary Sewer
Woodward Avenue Sanitary Sewers	Non-Recurring	525,000	-	-	-	-	-	525,000	WPCLF/OWDA
Sunbury Rd. / Sycamore Knoll Dr. Sanitary Sewer	Non-Recurring	350,000	1,000,000	-	-	-	-	1,350,000	Voted 2008 Debt-Sanitary Sewer
Franklin Main Interceptor Rehabilitation, Sec. 6	Non-Recurring	2,100,000	-	-	-	-	-	2,100,000	Voted 2008 Debt-Sanitary Sewer
60-05 Big Run/Hellbranch Subtrunk (Extension Reimbursement)	Non-Recurring	-	-	-	-	2,100,000	-	2,100,000	WPCLF/OWDA
60-05 Portage Grove Area Assessment	Non-Recurring	2,000,000	-	-	-	-	-	2,000,000	WPCLF/OWDA
Big Walnut Outfall Rehabilitation	Non-Recurring	-	-	-	1,400,000	-	-	1,400,000	Sanitary Sewer Enterprise (Unvoted)
Big Walnut Outfall Rehabilitation	Non-Recurring	-	-	-	14,000,000	-	-	14,000,000	WPCLF/OWDA
60-05 OSIS Augment Relief Sewer, Henry St.-JPWWTP OARS	Non-Recurring	7,500,000	-	-	-	-	-	7,500,000	Voted 2008 Debt-Sanitary Sewer

# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
Lower Olentangy River Ecosystem Restoration, Fifth Ave. Dam Removal	Non-Recurring	-	-	20,000	70,000	-	-	90,000	Sanitary Sewer Enterprise (Unvoted)
Lower Olentangy River Ecosystem Restoration, Fifth Ave. Dam Removal	Non-Recurring	90,000	-	-	-	-	-	90,000	Voted 2008 Debt-Sanitary Sewer
Indian Springs Area Sanitary Replacement	Non-Recurring	-	400,000	-	-	-	-	400,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Lower Olentangy Tunnel - Phase 1	Non-Recurring	-	-	5,524,000	500,000	500,000	500,000	7,024,000	Sanitary Sewer Enterprise (Unvoted)
Lower Olentangy Tunnel - Phase 1	Non-Recurring	2,000,000	5,524,000	-	-	-	-	7,524,000	Voted 2008 Debt-Sanitary Sewer
Large Diameter Sewer Rehabilitation - Alum Creek Trunk North Section/Alum Creek Subtrunk Sewer	Non-Recurring	500,000	-	-	-	-	-	500,000	Voted 2008 Debt-Sanitary Sewer
Large Diameter Sewer Rehabilitation - Alum Creek Trunk Middle Section/Alum Creek Interceptor Sewer	Non-Recurring	600,000	-	-	-	-	-	600,000	Voted 2008 Debt-Sanitary Sewer
Large Diameter Sewer Rehabilitation - Alum Creek Trunk Middle Section/ Alum Creek Interceptor Sewer	Non-Recurring	5,000,000	3,500,000	-	-	-	-	8,500,000	WPCLF/OWDA
Large Diameter Sewer Rehabilitation - Alum Creek Trunk South Section/ Deshler Tunnel- Alum Creek Interceptor	Non-Recurring	600,000	-	-	-	-	-	600,000	Voted 2008 Debt-Sanitary Sewer
Large Diameter Sewer Rehabilitation - Alum Creek Trunk South Section/Deshler Tunnel-Alum Creek Interceptor	Non-Recurring	-	5,000,000	-	-	-	-	5,000,000	WPCLF/OWDA
Sewer/Truro Sewers	Non-Recurring	400,000	7,500,000	-	-	-	-	7,900,000	WPCLF/OWDA
Big Walnut Trunk Sewer - North	Non-Recurring	-	-	-	-	-	-	-	Sanitary Sewer Enterprise (Unvoted)
OSIS Large Diameter Sewer Rehabilitation	Non-Recurring	-	-	1,200,000	1,200,000	-	5,000,000	7,400,000	Sanitary Sewer Enterprise (Unvoted)
Center Large Diameter Rehabilitation	Non-Recurring	1,500,000	150,000	-	-	-	-	1,650,000	Voted 2008 Debt-Sanitary Sewer
Center Large Diameter Rehabilitation	Non-Recurring	-	-	5,000,000	-	-	-	5,000,000	WPCLF/OWDA
West Side Trunk Rehabilitation	Non-Recurring	-	1,500,000	300,000	-	-	-	1,800,000	Voted 2008 Debt-Sanitary Sewer
West Side Trunk Rehabilitation	Non-Recurring	-	-	-	-	5,000,000	-	5,000,000	WPCLF/OWDA
Large Diameter - Blacklick Creek Main Trunk	Non-Recurring	2,400,000	-	-	-	-	-	2,400,000	Voted 2008 Debt-Sanitary Sewer
Large Diameter - Blacklick Creek Main Trunk	Non-Recurring	-	6,200,000	-	-	-	-	6,200,000	WPCLF/OWDA
Large Diameter - Scioto Main Trunk	Non-Recurring	1,200,000	1,200,000	-	-	-	-	2,400,000	Voted 2008 Debt-Sanitary Sewer
Large Diameter - Scioto Main Trunk	Non-Recurring	-	-	-	5,000,000	-	-	5,000,000	WPCLF/OWDA
Large Diameter Sewer Rehabilitation	Non-Recurring	-	-	-	-	1,200,000	-	1,200,000	Sanitary Sewer Enterprise (Unvoted)
Large Diameter Sewer Rehabilitation	Non-Recurring	1,200,000	-	-	-	-	-	1,200,000	Voted 2008 Debt-Sanitary Sewer
Near North & East Area Large Diameter Assessment	Non-Recurring	6,250,000	-	-	-	-	-	6,250,000	Voted 2008 Debt-Sanitary Sewer Enterprise
Mound e/o I-71 Local Storage	Non-Recurring	-	-	-	-	631,000	-	631,000	Sanitary Sewer Enterprise (Unvoted)
Mound e/o I-71 Local Storage	Non-Recurring	200,000	50,000	-	-	-	-	250,000	Voted 2008 Debt-Sanitary Sewer
60-05 Petzinger Road Sanitary Imps	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2008 Debt-Sanitary Sewer
60-05 Petzinger Road Sanitary Imps	Non-Recurring	525,000	-	-	-	-	-	525,000	WPCLF/OWDA
Brimfield Area Sanitary System Repair Project	Non-Recurring	-	-	250,000	-	-	-	250,000	Voted 2008 Debt-Sanitary Sewer
Brimfield Area Sanitary System Repair Project	Non-Recurring	1,030,000	-	-	-	-	-	1,030,000	WPCLF/OWDA
2015 General Construction Contract	Recurring	2,000,000	-	-	-	-	-	2,000,000	Voted 2008 Debt-Sanitary Sewer
2016 General Construction Contract	Recurring	1,500,000	-	-	-	-	-	1,500,000	Voted 2008 Debt-Sanitary Sewer
2017 General Construction Contract	Recurring	-	1,500,000	-	-	-	-	1,500,000	Voted 2008 Debt-Sanitary Sewer Enterprise
2018 General Construction Contract	Recurring	-	-	1,500,000	-	-	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
2019 General Construction Contract	Recurring	-	-	-	1,500,000	-	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
2020 General Construction Contract	Recurring	-	-	-	-	1,500,000	-	1,500,000	Sanitary Sewer Enterprise (Unvoted)
Fenway Court Sanitary Pump Station	Non-Recurring	285,000	-	-	-	-	-	285,000	Voted 2008 Debt-Sanitary Sewer
Stella Court Sanitary Pump Station	Non-Recurring	235,000	-	-	-	-	-	235,000	Voted 2008 Debt-Sanitary Sewer
Second Ave. Pump Station Replacement	Non-Recurring	250,000	-	300,000	-	-	-	550,000	Voted 2008 Debt-Sanitary Sewer
Second Ave. Pump Station Replacement	Non-Recurring	-	-	-	-	2,250,000	-	2,250,000	WPCLF/OWDA
Williams Rd./Castle Rd. Sanitary Pump Station Control Valve Upgrade	Non-Recurring	3,500,000	-	-	-	-	-	3,500,000	WPCLF/OWDA
Williams Rd. Sanitary Pump Station Force Main Improvements	Non-Recurring	307,000	-	-	-	-	-	307,000	Voted 2008 Debt-Sanitary Sewer
Third Avenue CSO Increased Capture and Green Infrastructure	Non-Recurring	3,015,000	-	-	-	-	-	3,015,000	Voted 2008 Debt-Sanitary Sewer
Clintonville Whetstone Park Wet Weather Relief Sewer	Non-Recurring	-	-	649,000	-	-	-	649,000	Voted 2008 Debt-Sanitary Sewer

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
Compost Facility Leachate Basin	Non-Recurring	-	1,000,000	-	-	-	-	1,000,000	WPCLF/OWDA
Moler Street Overflow Intercepting Sewer	Non-Recurring	1,000,000	250,000	-	-	-	-	1,250,000	Voted 2008 Debt-Sanitary Sewer
Moler Street Overflow Intercepting Sewer	Non-Recurring	-	-	-	-	9,848,000	-	9,848,000	WPCLF/OWDA
Moler Street Sewershed Improvements	Non-Recurring	-	-	-	100,000	-	-	100,000	Sanitary Sewer Enterprise (Unvoted)
Moler Street Sewershed Improvements	Non-Recurring	-	500,000	-	-	-	-	500,000	Voted 2008 Debt-Sanitary Sewer
Moler Street Sewershed Improvements	Non-Recurring	-	-	-	-	10,931,000	-	10,931,000	WPCLF/OWDA
Rickenbacker Area Pump Station (SA-15)	Non-Recurring	310,000	-	-	-	-	-	310,000	WPCLF/OWDA
Ferris Road Relief Sewer	Non-Recurring	350,000	-	-	-	-	-	350,000	Voted 2008 Debt-Sanitary Sewer
General CA/CI	Recurring	-	-	8,400,000	8,800,000	10,500,000	10,000,000	37,700,000	Sanitary Sewer Enterprise (Unvoted)
General CA/CI	Recurring	17,700,000	-	-	-	-	-	17,700,000	Voted 2008 Debt-Sanitary Sewer
Blenheim/Glencoe Integrated Solution	Non-Recurring	450,000	-	-	-	-	-	450,000	Voted 2008 Debt-Sanitary Sewer
Blenheim/Glencoe Integrated Solution	Non-Recurring	3,879,715	-	-	-	-	-	3,879,715	WPCLF/OWDA
Weisheimer/Indian Springs Integrated Solution	Non-Recurring	250,000	-	-	-	-	-	250,000	Voted 2008 Debt-Sanitary Sewer
Weisheimer/Indian Springs Integrated Solution	Non-Recurring	6,200,000	-	-	-	-	-	6,200,000	WPCLF/OWDA
Morse/Dominion Integrated Solution	Non-Recurring	250,000	-	-	-	-	-	250,000	Voted 2008 Debt-Sanitary Sewer
Morse/Dominion Integrated Solution	Non-Recurring	1,600,000	-	-	-	-	-	1,600,000	WPCLF/OWDA
Overbrook/Chatham Integrated Solution	Non-Recurring	275,000	-	-	-	-	-	275,000	Voted 2008 Debt-Sanitary Sewer
Overbrook/Chatham Integrated Solution	Non-Recurring	5,500,000	-	-	-	-	-	5,500,000	WPCLF/OWDA
Cooke/Glenmont Integrated Solution	Non-Recurring	419,000	-	-	-	-	-	419,000	Voted 2008 Debt-Sanitary Sewer
Cooke/Glenmont Integrated Solution	Non-Recurring	900,000	-	-	-	-	-	900,000	WPCLF/OWDA
Schreyer/Springs Integrated Solution	Non-Recurring	350,000	-	-	-	-	-	350,000	Voted 2008 Debt-Sanitary Sewer
Schreyer/Springs Integrated Solution	Non-Recurring	1,300,000	-	-	-	-	-	1,300,000	WPCLF/OWDA
Blueprint Linden - Hudson / McGuffey	Non-Recurring	515,000	-	-	-	-	-	515,000	Voted 2008 Debt-Sanitary Sewer
Blueprint Linden - Hudson / McGuffey	Non-Recurring	-	-	12,000,000	-	-	-	12,000,000	WPCLF/OWDA
Blueprint Linden - Oakland Park / Medina	Non-Recurring	520,000	-	-	-	-	-	520,000	Voted 2008 Debt-Sanitary Sewer
Blueprint Linden - Oakland Park / Medina	Non-Recurring	-	-	4,000,000	-	-	-	4,000,000	WPCLF/OWDA
Blueprint Linden - Agler / Berrell	Non-Recurring	534,000	-	-	-	-	-	534,000	Voted 2008 Debt-Sanitary Sewer
Blueprint Linden - Agler / Berrell	Non-Recurring	-	-	7,956,188	-	-	-	7,956,188	WPCLF/OWDA
Blueprint Linden - Artane / Parkwood	Non-Recurring	180,000	-	-	-	-	-	180,000	Voted 2008 Debt-Sanitary Sewer
Blueprint Linden - Artane / Parkwood	Non-Recurring	-	-	7,000,000	-	-	-	7,000,000	WPCLF/OWDA
Blueprint Hilltop - Palmetto/Westgate	Non-Recurring	3,855,058	-	-	-	-	-	3,855,058	Voted 2008 Debt-Sanitary Sewer
Blueprint Hilltop - Eureka/Fremont	Non-Recurring	2,445,111	-	-	-	-	-	2,445,111	Voted 2008 Debt-Sanitary Sewer
Blueprint Miller Kelton - Newton/Bedford	Non-Recurring	-	-	-	15,596,000	-	-	15,596,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Miller Kelton - Newton/Bedford	Non-Recurring	1,346,000	-	-	-	-	-	1,346,000	Voted 2008 Debt-Sanitary Sewer
Blueprint Miller Kelton - Kelton/Fairwood	Non-Recurring	2,223,144	-	-	-	-	-	2,223,144	Voted 2008 Debt-Sanitary Sewer
Blueprint 2015 (5th NW, W. Franklinton, Hilltop 4	Recurring	8,000,000	5,000,000	5,000,000	-	-	-	18,000,000	Voted 2008 Debt-Sanitary Sewer
Blueprint 2015 (5th NW, W. Franklinton, Hilltop 4	Recurring	-	15,000,000	15,000,000	22,000,000	22,000,000	22,000,000	96,000,000	WPCLF/OWDA
Blueprint 2016 Clintonville 3	Recurring	-	-	-	7,000,000	-	-	7,000,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint 2016 Clintonville 3	Recurring	-	-	8,000,000	-	-	-	8,000,000	Voted 2008 Debt-Sanitary Sewer
Blueprint 2016 Clintonville 3	Recurring	-	-	2,500,000	2,500,000	23,000,000	25,000,000	53,000,000	WPCLF/OWDA
Blueprint 2017 Clintonville 2	Recurring	-	-	-	-	8,000,000	4,000,000	12,000,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint 2018 James Livingston 5 + Plumb Ridge	Recurring	-	-	-	-	-	12,000,000	12,000,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint 2019 Hilltop 2	Recurring	-	-	-	-	-	8,000,000	8,000,000	Sanitary Sewer Enterprise (Unvoted)
Clintonville Lateral Lining / Downspout Redirect	Non-Recurring	-	-	22,500,000	-	-	-	22,500,000	Sanitary Sewer Enterprise (Unvoted)
Clintonville Lateral Lining / Downspout Redirect	Non-Recurring	-	22,500,000	-	-	-	-	22,500,000	Voted 2008 Debt-Sanitary Sewer
Blueprint Lateral Lining / Downspout Redirect	Recurring	-	-	10,800,000	19,300,000	36,600,000	-	66,700,000	Sanitary Sewer Enterprise (Unvoted)
Blueprint Lateral Lining / Downspout Redirect	Recurring	-	10,800,000	-	-	-	-	10,800,000	Voted 2008 Debt-Sanitary Sewer
Blueprint CIPP Lining	Recurring	4,929,658	-	-	-	-	-	4,929,658	Voted 2008 Debt-Sanitary Sewer
Blueprint CIPP Lining	Recurring	-	20,000,000	10,000,000	10,000,000	10,000,000	10,000,000	60,000,000	WPCLF/OWDA
Blueprint Hilltop Lining Project	Recurring	6,000,000	-	-	-	-	-	6,000,000	WPCLF/OWDA

# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
Scioto Peninsula Improvements	Non-Recurring	1,000,000	1,000,000	-	-	-	-	2,000,000	Voted 2008 Debt-Sanitary Sewer
Scioto Main Sanitary Pump Stations	Non-Recurring	227,775	-	-	-	-	-	227,775	Voted 2008 Debt-Sanitary Sewer
Scioto Main Sanitary Pump Stations	Non-Recurring	-	400,000	4,500,000	-	-	-	4,900,000	WPCLF/OWDA Sanitary Sewer Enterprise (Unvoted)
Scioto Main Sanitary Trunk Sewer Rehabilitation	Non-Recurring	-	-	-	7,500,000	-	-	7,500,000	Voted 2008 Debt-Sanitary Sewer
Scioto Main Sanitary Trunk Sewer Rehabilitation	Non-Recurring	800,000	-	-	-	-	-	800,000	Voted 2008 Debt-Sanitary Sewer
Meeklynn Drive Area Sanitary Sewer	Non-Recurring	289,361	500,000	-	-	-	-	789,361	Voted 2008 Debt-Sanitary Sewer Enterprise (Unvoted)
HSTS Elimination Program	Recurring	-	-	483,300	683,800	1,149,850	-	2,316,950	Voted 2008 Debt-Sanitary Sewer
HSTS Elimination Program	Recurring	300,000	3,566,600	-	-	-	-	3,866,600	Voted 2008 Debt-Sanitary Sewer
<b>Subtotal - PUBLIC UTILITIES/SANITARY SEWERS 60- 05</b>		<b>\$ 447,069,118</b>	<b>\$ 242,472,600</b>	<b>\$ 162,852,488</b>	<b>\$ 137,274,800</b>	<b>\$ 204,744,850</b>	<b>\$ 107,597,000</b>	<b>\$ 1,302,010,856</b>	
<b>PUBLIC UTILITIES/ELECTRICITY 60- 07</b>									
60 UIRF Funded Street Lighting Projects (Urban Infrastructure Recovery Fund)	Recurring	1,105,000	505,000	505,000	505,000	505,000	505,000	3,630,000	Councilmanic SIT Supported
Misc. Electricity Projects - SIT Supported- Neighborhood Street Lighting Program)	Recurring	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	Councilmanic (To Be Determined)
Misc. Electricity Projects - SIT Supported- Community Centers - Emergency Street Lighting	Recurring	100,000	100,000	100,000	100,000	100,000	100,000	600,000	Councilmanic (To Be Determined)
Livingston Ave. Street Light Post Tops	Non-Recurring	377,650	-	-	-	-	-	377,650	Voted 2013 Debt - Electricity
McCutcheon Road Street Lighting	Non-Recurring	158,080	-	-	-	-	-	158,080	Electricity Enterprise (Unvoted)
Southside Lions Park Street Lighting	Non-Recurring	139,100	-	-	-	-	-	139,100	Voted 2013 Debt - Electricity
South High Street Decorative Lighting - 2126	Non-Recurring	-	304,750	-	-	-	-	304,750	Electricity Enterprise (Unvoted)
South High Street Decorative Lighting - 2140	Non-Recurring	-	-	66,250	304,750	-	-	371,000	Electricity Enterprise (Unvoted)
Parsons Ave Decorative Lighting - 2141	Non-Recurring	-	-	37,500	212,500	-	-	250,000	Electricity Enterprise (Unvoted)
Parsons Avenue Underpass Lighting - 2125	Non-Recurring	-	-	7,500	34,500	-	-	42,000	Electricity Enterprise (Unvoted)
Milo Grogan Area Standard Street Lighting - 2164	Non-Recurring	7,750	-	26,900	-	-	-	34,650	Electricity Enterprise (Unvoted)
Milo Grogan Decorative Street Lighting - 2165	Non-Recurring	30,600	-	174,000	-	-	-	204,600	Electricity Enterprise (Unvoted)
Third Avenue Decorative Street Lighting - 1936	Non-Recurring	8,820	-	42,000	-	-	-	50,820	Electricity Enterprise (Unvoted)
Mock Road Street Lighting - 1940	Non-Recurring	8,900	-	41,400	-	-	-	50,300	Electricity Enterprise (Unvoted)
Cleveland Avenue Decorative Street Lighting - 1939	Non-Recurring	-	520,000	-	-	-	-	520,000	Electricity Enterprise (Unvoted)
North Central Standard Lighting - 1938	Non-Recurring	-	-	45,000	205,000	-	-	250,000	Electricity Enterprise (Unvoted)
Innis Road Standard Lighting - 1941	Non-Recurring	3,120	-	32,550	-	-	-	35,670	Electricity Enterprise (Unvoted)
Innis Road Standard Lighting - 1941	Non-Recurring	3,380	-	-	-	-	-	3,380	Voted 2013 Debt - Electricity
Oak/18th Decorative Lighting - 1937	Non-Recurring	-	-	42,500	-	-	-	42,500	Electricity Enterprise (Unvoted)
Oak/18th Decorative Lighting - 1937	Non-Recurring	9,200	-	-	-	-	-	9,200	Voted 2013 Debt - Electricity
East Main Street Decorative Lighting - 1933	Non-Recurring	-	-	133,500	-	766,500	-	900,000	Electricity Enterprise (Unvoted)
DOP Streetlight Program - 2020	Non-Recurring	-	-	-	-	250,000	-	250,000	Electricity Enterprise (Unvoted)
DOP Streetlight Projects - 2021	Non-Recurring	-	-	-	-	-	500,000	500,000	Electricity Enterprise (Unvoted)
Morse Rd. (Ph. II) System Improvements, Circuit 7221	Non-Recurring	350,000	-	-	-	-	-	350,000	Voted 2013 Debt - Electricity
Morse Rd. (Ph. III & IV) System Improvements	Non-Recurring	-	350,000	3,850,000	-	-	-	4,200,000	Electricity Enterprise (Unvoted)
Morse Rd. (Ph. III & IV) System Improvements	Non-Recurring	200,000	-	-	-	-	-	200,000	Voted 2013 Debt - Electricity
Upgrade and Reconducting of Circuit 7220	Non-Recurring	-	-	-	100,000	-	1,375,000	1,475,000	Electricity Enterprise (Unvoted)
Upgrade and Reconducting of Circuit 7222	Non-Recurring	-	-	-	100,000	-	1,375,000	1,475,000	Electricity Enterprise (Unvoted)
Substation 69 and 138 KV OCB Replacement to SF6	Non-Recurring	-	180,000	185,000	191,000	197,000	213,000	966,000	Electricity Enterprise (Unvoted)
Dierker Road Street Lighting	Non-Recurring	26,000	-	-	-	-	-	26,000	Voted 2013 Debt - Electricity
Kenny Road Street Lighting	Non-Recurring	12,000	-	-	-	-	-	12,000	Voted 2013 Debt - Electricity
AMI Metering	Non-Recurring	-	-	400,000	400,000	-	-	800,000	Electricity Enterprise (Unvoted)
17th Avenue Circuit Upgrade	Non-Recurring	-	1,375,000	-	-	-	-	1,375,000	Electricity Enterprise (Unvoted)
Short North Wood Properties	Non-Recurring	900,000	-	-	-	-	-	900,000	Voted 2013 Debt - Electricity
Alternate 69 KV Feed to W Substation	Non-Recurring	2,860,000	-	-	-	-	-	2,860,000	Voted 2013 Debt - Electricity
Conversion to 3 Wire	Non-Recurring	-	327,000	336,000	347,000	357,000	368,000	1,735,000	Electricity Enterprise (Unvoted)
Conversion to 3 Wire	Non-Recurring	317,000	-	-	-	-	-	317,000	Voted 2013 Debt - Electricity
Broad Meadows Street Lighting - Underground	Non-Recurring	117,575	-	-	-	-	-	117,575	Voted 2013 Debt - Electricity
South Westgate/Sylvan Street Lighting	Non-Recurring	651,360	-	-	-	-	-	651,360	Voted 2013 Debt - Electricity
Valleyview Street Lighting	Non-Recurring	360,640	-	-	-	-	-	360,640	Electricity Enterprise (Unvoted)
Laurel Canyon Street Lighting	Non-Recurring	167,000	-	-	-	-	-	167,000	Voted 2013 Debt - Electricity
Willow Creek Street Lighting	Non-Recurring	515,200	-	-	-	-	-	515,200	Voted 2013 Debt - Electricity
Transformer Conversions	Non-Recurring	1,900,000	-	-	-	-	-	1,900,000	Voted 2013 Debt - Electricity

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)

DEPARTMENT PROJECT	Project Type	2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)							Total	
		2016	2017	2018	2019	2020	2021	Budget	Funding Source	
New Jackson Pk Substation Transformer	Non-Recurring	-	2,000,000	-	-	-	-	2,000,000	Electricity Enterprise (Unvoted)	
Oil Switch Replacement Program	Recurring	-	120,000	-	120,000	-	120,000	360,000	Electricity Enterprise (Unvoted)	
Oil Switch Replacement Program	Recurring	1,200,000	-	-	-	-	-	1,200,000	Voted 2013 Debt - Electricity	
Upgrade and Reconductoring of Circuit 7223	Non-Recurring	-	-	100,000	-	1,375,000	-	1,475,000	Electricity Enterprise (Unvoted)	
Reconductoring Circuit 14115 on Steel (Wheatland to Hague)	Non-Recurring	-	-	-	-	215,000	-	215,000	Electricity Enterprise (Unvoted)	
Tw in Rivers - Vine Street Lighting	Non-Recurring	-	-	15,000	88,000	-	-	103,000	Electricity Enterprise (Unvoted)	
Mair - Scioto Street Lighting	Non-Recurring	115,000	-	-	-	-	-	115,000	Voted 2013 Debt - Electricity	
Hall Rd Street Lighting	Non-Recurring	267,895	-	-	-	-	-	267,895	Voted 2013 Debt - Electricity	
Hamilton Rd Street Lighting	Non-Recurring	-	112,000	-	590,000	-	-	702,000	Electricity Enterprise (Unvoted)	
Freeway & Kingshill Street Lighting	Non-Recurring	-	-	-	75,000	385,000	-	460,000	Electricity Enterprise (Unvoted)	
Fitzroy & Morse Rd Street Lighting	Non-Recurring	-	-	70,000	-	362,000	-	432,000	Electricity Enterprise (Unvoted)	
Cherry Creek & Cherryhurst Street Lighting	Non-Recurring	-	-	-	50,000	245,000	-	295,000	Electricity Enterprise (Unvoted)	
Broad Street & Noe Bixby Street Lighting	Non-Recurring	-	-	-	50,000	265,000	-	315,000	Electricity Enterprise (Unvoted)	
Sancus & Whitewater Street Lighting	Non-Recurring	-	-	70,000	362,000	-	-	432,000	Electricity Enterprise (Unvoted)	
Jasonway & Knightsbridge Street Lighting	Non-Recurring	-	-	50,000	275,000	385,000	-	710,000	Electricity Enterprise (Unvoted)	
Clime Rd. Street Lighting	Non-Recurring	-	80,000	-	408,000	-	-	488,000	Electricity Enterprise (Unvoted)	
Capitol & Fulton Street Lighting	Non-Recurring	-	-	50,000	275,000	385,000	-	710,000	Electricity Enterprise (Unvoted)	
Brookfield & Tupsfield Street Lighting	Non-Recurring	-	-	96,000	445,000	-	-	541,000	Electricity Enterprise (Unvoted)	
Shabot & Tamarack Street Lighting	Non-Recurring	-	-	93,000	430,000	-	-	523,000	Electricity Enterprise (Unvoted)	
Sawmill & Summitview Street Lighting	Non-Recurring	-	76,000	395,000	-	-	-	471,000	Electricity Enterprise (Unvoted)	
Riverview & Stinchcomb Street Lighting	Non-Recurring	-	50,000	265,000	-	-	-	315,000	Electricity Enterprise (Unvoted)	
Morningstar & North Forty Street Lighting	Non-Recurring	-	50,000	280,000	-	-	-	330,000	Electricity Enterprise (Unvoted)	
Cleveland Avenue Street Lighting	Non-Recurring	-	100,000	460,000	-	-	-	560,000	Electricity Enterprise (Unvoted)	
Westerville Road Street Lighting	Non-Recurring	-	-	65,000	300,000	-	-	365,000	Electricity Enterprise (Unvoted)	
Smokey Row Street Lighting	Non-Recurring	-	291,000	-	-	-	-	291,000	Electricity Enterprise (Unvoted)	
Smokey Row Street Lighting	Non-Recurring	50,000	-	-	-	-	-	50,000	Voted 2013 Debt - Electricity	
Parkview Street Lighting	Non-Recurring	-	-	75,000	-	395,000	-	470,000	Electricity Enterprise (Unvoted)	
Cherry & Lazelle Rd Street Lighting	Non-Recurring	605,000	-	-	-	-	-	605,000	Voted 2013 Debt - Electricity	
Dublin-Granville Rd / Deewood / Maple Street Lighting	Non-Recurring	536,640	-	-	-	-	-	536,640	Voted 2013 Debt - Electricity	
General Engineering Services - Power	Recurring	-	-	100,000	-	-	100,000	200,000	Electricity Enterprise (Unvoted)	
General Engineering Services - Power	Recurring	100,000	-	-	-	-	-	100,000	Voted 2013 Debt - Electricity	
General CA/CI - Power	Recurring	-	-	50,000	-	50,000	-	100,000	Electricity Enterprise (Unvoted)	
General CA/CI - Power	Recurring	50,000	-	-	-	-	-	50,000	Voted 2013 Debt - Electricity	
Circuit 237 Street Lighting Improvement Upgrade	Non-Recurring	-	-	-	175,000	985,000	-	1,160,000	Electricity Enterprise (Unvoted)	
Circuit 30 Street Lighting Improvement Upgrade	Non-Recurring	-	-	185,000	1,060,000	-	-	1,245,000	Electricity Enterprise (Unvoted)	
Security & Emergency Preparedness - Power	Recurring	-	25,000	25,000	25,000	25,000	25,000	125,000	Electricity Enterprise (Unvoted)	
Security & Emergency Preparedness - Power	Recurring	25,000	-	-	-	-	-	25,000	Voted 2013 Debt - Electricity	
<b>Subtotal - PUBLIC UTILITIES/ELECTRICITY 60- 07</b>		<b>\$ 13,527,910</b>	<b>\$ 6,815,750</b>	<b>\$ 8,719,100</b>	<b>\$ 7,477,750</b>	<b>\$ 7,497,500</b>	<b>\$ 4,931,000</b>	<b>\$ 48,969,010</b>		
<b>PUBLIC UTILITIES/WATER 60- 09</b>										
Hoover Reservoir Erosion Control	Non-Recurring	-	-	200,000	-	1,700,000	-	1,900,000	Voted 2013 Debt - Water	
Miscellaneous Water Facilities	Recurring	-	200,000	200,000	200,000	200,000	-	800,000	Voted 2013 Debt - Water	
Miscellaneous Water Facilities	Recurring	-	-	-	-	-	200,000	200,000	Water Enterprise (Unvoted)	
Indianola Exterior Site Imp's	Non-Recurring	3,500,000	-	-	-	-	-	3,500,000	Voted 2013 Debt - Water	
Indianola Facility Improvements	Non-Recurring	600,000	2,900,000	-	-	-	-	3,500,000	Voted 2013 Debt - Water	
Rinehart Public Utilities Complex Exterior Site Improvements	Non-Recurring	3,900,000	-	-	-	-	-	3,900,000	Voted 2013 Debt - Water	
Distribution Maintenance Area Imp's	Non-Recurring	75,000	250,000	-	-	-	-	325,000	Voted 2013 Debt - Water	
910 Dublin Road Garage Roof Replacement	Non-Recurring	-	-	1,500,000	-	-	-	1,500,000	Voted 2013 Debt - Water	
Home Road Property Demolition	Non-Recurring	400,000	-	4,300,000	-	-	-	4,700,000	Voted 2013 Debt - Water	
910 Dublin Road Windows & EIFS Improvements	Non-Recurring	2,000,000	-	-	-	-	-	2,000,000	Voted 2013 Debt - Water	
Water Main Rehabilitation	Recurring	639,693	500,000	2,000,000	2,000,000	-	-	5,139,693	Voted 2013 Debt - Water	
Water Main Rehabilitation	Recurring	-	-	1,000,000	1,000,000	21,000,000	25,000,000	48,000,000	WSRLA Loan	
Water Main Rehabilitation	Recurring	-	-	-	-	-	5,000,000	5,000,000	Water Enterprise (Unvoted)	
Scioto Peninsula	Non-Recurring	-	600,000	-	-	-	-	600,000	Voted 2013 Debt - Water	
Fenway Rd. Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water	
Fenway Rd. Area WL Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan	
Dering Ave. Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water	
Dering Ave. Area WL Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan	
Acton Road Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water	

# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
Acton Road Area WL Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
Lamont Ave. Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Lamont Ave. Area WL Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
Silver Dr. Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Silver Dr. Area WL Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
Arcadia Ave Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Arcadia Ave Area WL Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
South Broadleigh Road Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
South Broadleigh Road Area WL Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
Maize Road Area Water Line Improvements	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Maize Road Area Water Line Improvements	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
Shattuck Avenue Area Water Line Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Shattuck Avenue Area Water Line Imp's	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
Smith Rd. Water Line Imp's	Non-Recurring	800,000	-	-	-	-	-	800,000	Voted 2013 Debt - Water
Eureka / Steel Water Line Imp's	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Water
Argyle Dr. Area WL Imp's (fka #36)	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
Argyle Dr. Area WL Imp's (fka #36)	Non-Recurring	2,700,000	-	-	-	-	-	2,700,000	WSRLA Loan
Scottwood Ave. Area WL Imp's (fka #37)	Non-Recurring	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Dewberry Dr. Area WL Imp's (fka #38)	Non-Recurring	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Noe-Bixby Rd. Area WL Imp's (fka #39)	Non-Recurring	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Sale Rd. Area WL Imp's (fka #40)	Non-Recurring	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Stephen Dr. Area WL Imp's (fka #41)	Non-Recurring	-	3,000,000	-	-	-	-	3,000,000	WSRLA Loan
Project No. 42 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 43 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
E. Franklinton WL Imp's	Non-Recurring	600,000	-	-	-	-	-	600,000	Voted 2013 Debt - Water
Livingston Avenue Area 12" WL Imp's	Non-Recurring	-	-	1,000,000	-	-	-	1,000,000	Voted 2013 Debt - Water
Dawnlight Ave. Area WL Imp's	Non-Recurring	300,000	-	-	-	-	-	300,000	Voted 2013 Debt - Water
North Ohio Avenue Area WL Imp's (fka Poindexter)	Non-Recurring	-	750,000	-	-	-	-	750,000	Voted 2013 Debt - Water
Hague Avenue Area WL Imp's	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Water
Project No. 44 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 45 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 46 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 47 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 48 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 49 W.M. Replacement	Non-Recurring	-	-	3,000,000	-	-	-	3,000,000	WSRLA Loan
Project No. 50 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 51 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 52 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 53 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 54 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 55 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 56 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 57 W.M. Replacement	Non-Recurring	250,000	-	-	-	-	-	250,000	Voted 2013 Debt - Water
Project No. 57 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 58 W.M. Replacement	Non-Recurring	250,000	-	-	-	-	-	250,000	Voted 2013 Debt - Water
Project No. 58 W.M. Replacement	Non-Recurring	-	-	-	3,000,000	-	-	3,000,000	WSRLA Loan
Project No. 59 W.M. Replacement	Non-Recurring	-	250,000	-	-	-	-	250,000	Voted 2013 Debt - Water
Project No. 59 W.M. Replacement	Non-Recurring	-	-	-	-	3,000,000	-	3,000,000	WSRLA Loan
Project No. 60 W.M. Replacement	Non-Recurring	-	250,000	-	-	-	-	250,000	Voted 2013 Debt - Water
Project No. 60 W.M. Replacement	Non-Recurring	-	-	-	-	3,000,000	-	3,000,000	Water Enterprise (Unvoted)
Project No. 61 W.M. Replacement	Non-Recurring	-	250,000	-	-	-	-	250,000	Voted 2013 Debt - Water
Project No. 61 W.M. Replacement	Non-Recurring	-	-	-	-	3,000,000	-	3,000,000	Water Enterprise (Unvoted)
E. 8th Avenue WL Imp's	Non-Recurring	150,000	-	-	-	-	-	150,000	Voted 2013 Debt - Water
O'Shaughnessy Hydroelectric - FERC	Recurring	75,000	950,000	-	-	-	-	1,025,000	Voted 2013 Debt - Water
O'Shaughnessy Dam FERC Independent Consultant Review 2020	Recurring	-	-	-	150,000	150,000	-	300,000	Voted 2013 Debt - Water
O'Shaughnessy Dam FERC Independent Consultant Review 2020	Recurring	-	-	-	-	-	350,000	350,000	Water Enterprise (Unvoted)
DRWP Miscellaneous Improvements	Recurring	-	200,000	500,000	200,000	200,000	-	1,100,000	Voted 2013 Debt - Water

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)

DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
DRWP Miscellaneous Improvements	Recurring	-	-	-	-	-	200,000	200,000	Water Enterprise (Unvoted)
DRWP Misc. Imp's - Floc Drive Replacement - Part 2	Non-Recurring	750,000	-	-	-	-	-	750,000	Voted 2013 Debt - Water
DRWP Misc. Imp's - Exterior Door and Window Replacement	Non-Recurring	-	-	1,500,000	-	-	-	1,500,000	Voted 2013 Debt - Water
DRWP Misc. Imp's - Educational Signage & Displays	Non-Recurring	-	100,000	-	-	-	-	100,000	Voted 2013 Debt - Water
DRWP Misc. Imp's - Basin 1 Clarifier Rehab	Non-Recurring	-	-	800,000	-	-	-	800,000	Voted 2013 Debt - Water
DRWP Misc. Imp's - Basin 2 Clarifier Rehab	Non-Recurring	-	-	-	800,000	-	-	800,000	Voted 2013 Debt - Water
DRWP Misc. Imp's - Basin 3 Clarifier Rehab	Non-Recurring	-	-	-	-	800,000	-	800,000	Water Enterprise (Unvoted)
HCWP Misc. Improvements	Recurring	-	200,000	200,000	200,000	200,000	-	800,000	Voted 2013 Debt - Water
HCWP Misc. Improvements	Recurring	-	-	-	-	-	200,000	200,000	Water Enterprise (Unvoted)
HCWP Misc. Improvements - Entrance Improvements	Non-Recurring	200,000	-	-	-	-	-	200,000	Voted 2013 Debt - Water
HCWP Misc. Improvements - HCWP Clearwell Actuator Replacement	Non-Recurring	150,000	-	-	-	-	-	150,000	Voted 2013 Debt - Water
HCWP Misc. Imp's - Raw Water Screen Replacement	Non-Recurring	-	-	-	1,000,000	-	-	1,000,000	Voted 2013 Debt - Water
HCWP Misc. Imp's - Restroom Imp's	Non-Recurring	-	-	-	-	350,000	-	350,000	Voted 2013 Debt - Water
HCWP Misc. Imp's - HSP Monitoring Imp's	Non-Recurring	-	-	-	150,000	-	-	150,000	Voted 2013 Debt - Water
Comprehensive Master Plan Update	Recurring	-	-	-	-	2,000,000	-	2,000,000	Water Enterprise (Unvoted)
Backflow Compliance Office Database Mgmt. System	Non-Recurring	200,000	-	-	-	-	-	200,000	Voted 2013 Debt - Water
Distribution Imp's - 2019 Water Audit	Recurring	-	-	-	300,000	-	-	300,000	Voted 2013 Debt - Water
PAWP Facility Misc. Improvements	Recurring	-	200,000	200,000	200,000	200,000	-	800,000	Voted 2013 Debt - Water
PAWP Facility Misc. Improvements	Recurring	-	-	-	-	-	200,000	200,000	Water Enterprise (Unvoted)
HCWP Lagoon 1 Sludge Removal 2015	Non-Recurring	-	800,000	-	850,000	-	-	1,650,000	Voted 2013 Debt - Water
Automatic Meter Reading	Recurring	-	-	-	10,000,000	16,220,307	-	26,220,307	Voted 2013 Debt - Water
Automatic Meter Reading	Recurring	-	-	-	-	3,779,693	20,000,000	23,779,693	Water Enterprise (Unvoted)
South Wellfield Expansion - RWL Pickaway Co.	Non-Recurring	-	-	250,000	11,500,000	-	-	11,750,000	Voted 2013 Debt - Water
South Wellfield Expansion - CW-201/202 & VW's	Non-Recurring	-	-	1,300,000	16,500,000	-	-	17,800,000	Voted 2013 Debt - Water
Watershed Road Improvements	Non-Recurring	-	-	350,000	-	-	-	350,000	Voted 2013 Debt - Water
Watershed Road Imp's-Part III Griggs Reservoir	Non-Recurring	750,000	-	-	-	-	-	750,000	Voted 2013 Debt - Water
Watershed Road Imp's-Part IV Hoover Reservoir	Non-Recurring	-	-	-	1,350,000	-	-	1,350,000	Voted 2013 Debt - Water
HCWP Basin Concrete Rehab.	Non-Recurring	400,000	800,000	10,800,000	-	-	-	12,000,000	Voted 2013 Debt - Water
HCWP A & B Raw & Fin. Water	Non-Recurring	200,000	200,000	200,000	-	-	-	600,000	Voted 2013 Debt - Water
Water Meter Renewal	Recurring	2,500,000	2,600,000	2,700,000	2,800,000	-	-	10,600,000	Voted 2013 Debt - Water
Water Meter Renewal	Recurring	-	-	-	-	2,900,000	3,000,000	5,900,000	Water Enterprise (Unvoted)
Valve Renewal Program	Recurring	2,000,000	-	2,000,000	-	2,100,000	-	6,100,000	Voted 2013 Debt - Water
Watershed Misc. Improv. Facilities	Recurring	-	200,000	200,000	200,000	200,000	-	800,000	Voted 2013 Debt - Water
Watershed Misc. Improv. Facilities	Recurring	-	-	-	-	-	200,000	200,000	Water Enterprise (Unvoted)
Watershed Misc. Improv. - Hoover Dam Misc. Imp.	Non-Recurring	750,000	-	-	-	-	-	750,000	Voted 2013 Debt - Water
Watershed Misc. Improv. - Griggs Dam Misc. Imp.	Non-Recurring	450,000	-	-	-	-	-	450,000	Voted 2013 Debt - Water
Watershed Misc. Improv. - Hoover Material Storage Area	Non-Recurring	-	-	-	300,000	-	-	300,000	Voted 2013 Debt - Water
Watershed Misc. Improv. - Glick Rd. Bridge Repairs 2016	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Water
Watershed Misc. Imp's - Misc. Facility Demolition - Part 2	Non-Recurring	100,000	-	-	-	-	-	100,000	Voted 2013 Debt - Water
Watershed Misc. Imp's - Griggs Boat Launch Imp's	Non-Recurring	1,000,000	-	-	-	-	-	1,000,000	Voted 2013 Debt - Water
Watershed Misc. Imp's - Hoover Boat Launch Imp's	Non-Recurring	-	-	-	-	-	1,000,000	1,000,000	Water Enterprise (Unvoted)
Griggs Dam - Spillway, Abutment and Scour Mitigation Imp's	Non-Recurring	-	-	425,000	2,100,000	-	-	2,525,000	Voted 2013 Debt - Water
Griggs Dam Stilling Basin	Non-Recurring	-	-	-	-	600,000	-	600,000	Water Enterprise (Unvoted)
Hoover Dam Imp's - Part 1	Non-Recurring	850,000	-	5,000,000	-	-	-	5,850,000	Voted 2013 Debt - Water
Hoover Dam Imp's - Part 2	Non-Recurring	-	-	-	500,000	-	-	500,000	Voted 2013 Debt - Water
Hoover Dam Imp's - Part 2	Non-Recurring	-	-	-	-	-	5,500,000	5,500,000	Water Enterprise (Unvoted)
Watershed Misc. Imp's - Hoover Maintenance Complex Fuel System	Non-Recurring	100,000	-	-	-	-	-	100,000	Voted 2013 Debt - Water
PAWP Sludge Removal - Land Acquisition	Non-Recurring	-	-	2,000,000	-	-	-	2,000,000	Voted 2013 Debt - Water
Watershed Protection Easements	Recurring	200,000	200,000	200,000	200,000	200,000	-	1,000,000	Voted 2013 Debt - Water
Watershed Protection Easements	Recurring	-	-	-	-	-	200,000	200,000	Water Enterprise (Unvoted)
O'Shaughnessy Hydroelectric Imps	Non-Recurring	3,000,000	-	-	-	-	-	3,000,000	Voted 2013 Debt - Water
Gen'l Engin. Svcs - Supply Group	Non-Recurring	-	-	700,000	-	700,000	-	1,400,000	Voted 2013 Debt - Water
Gen'l Engin. Svcs - Supply Group	Non-Recurring	-	-	-	-	700,000	-	700,000	Water Enterprise (Unvoted)
Gen'l Eng. Svcs - Supply Group 2015A	Non-Recurring	350,000	350,000	-	-	-	-	700,000	Voted 2013 Debt - Water
Gen'l Eng. Svcs - Supply Group 2015B	Non-Recurring	350,000	350,000	-	-	-	-	700,000	Voted 2013 Debt - Water
Mound District Booster Station 20' Discharge Line	Non-Recurring	-	3,000,000	-	-	-	-	3,000,000	Voted 2013 Debt - Water
Mound District Booster Station	Non-Recurring	3,000,000	-	-	-	-	-	3,000,000	Voted 2013 Debt - Water

# Capital Improvements Program

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total Budget	Funding Source
O'Shaughnessy Gatehouse Misc. Imp's	Non-Recurring	-	-	500,000	-	-	-	500,000	Voted 2013 Debt - Water
Misc. Booster Station and Water Tank Imp's	Recurring	200,000	300,000	200,000	200,000	200,000	-	1,100,000	Voted 2013 Debt - Water
Misc. Booster Station and Water Tank Imp's	Recurring	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
Water Storage Tank Painting	Recurring	2,500,000	-	2,500,000	750,000	1,500,000	-	7,250,000	Voted 2013 Debt - Water
Water Storage Tank Painting	Recurring	-	-	-	-	-	1,000,000	1,000,000	Water Enterprise (Unvoted)
Security Enhancements (incl. all Eng. & constr. @ Hoover)	Non-Recurring	-	600,000	1,200,000	1,200,000	600,000	-	3,600,000	Voted 2013 Debt - Water
Security Enhancements - HCWP	Non-Recurring	-	-	5,000,000	-	-	-	5,000,000	Voted 2013 Debt - Water
Security Enhancements - DRWP	Non-Recurring	-	-	-	5,000,000	-	-	5,000,000	Voted 2013 Debt - Water
Security Enhancements - PAWP	Non-Recurring	-	-	-	-	5,000,000	-	5,000,000	Voted 2013 Debt - Water
HCWP Hypochlorite Disinfection Improvements	Non-Recurring	1,200,000	-	13,200,000	-	-	-	14,400,000	Voted 2013 Debt - Water
PAWP Hypochlorite Disinfection Improvements	Non-Recurring	1,000,000	-	11,500,000	-	-	-	12,500,000	Voted 2013 Debt - Water
HCWP Window Replacement	Non-Recurring	-	500,000	-	-	-	-	500,000	Voted 2013 Debt - Water
PAWP Automation Upgrade - 2019	Non-Recurring	-	-	-	2,500,000	-	-	2,500,000	Voted 2013 Debt - Water
HCWP & DRWP Coating Projects	Non-Recurring	-	-	250,000	1,800,000	-	-	2,050,000	Voted 2013 Debt - Water
HCWP Roof Restoration-Filter Bldg.	Non-Recurring	500,000	-	-	-	-	-	500,000	Voted 2013 Debt - Water
Reservoir Pollution Reduction Project - Tw in Bridges	Non-Recurring	800,000	-	-	-	-	-	800,000	Voted 2013 Debt - Water
HCWP Floc and Lime Basin Ept. Reconstruction	Non-Recurring	400,000	-	200,000	-	-	-	600,000	Voted 2013 Debt - Water
HCWP Sludge Disposal Line Imp's - Field Locate/ARV	Non-Recurring	1,500,000	-	-	-	-	-	1,500,000	Voted 2013 Debt - Water
HCWP Sludge Disposal Line Imp's	Non-Recurring	-	200,000	1,200,000	-	-	-	1,400,000	Voted 2013 Debt - Water
HCWP Intake Structure & Low Head Dam Rehabilitation	Non-Recurring	-	500,000	4,400,000	-	-	-	4,900,000	Voted 2013 Debt - Water
HCWP Wash Water Tank Interior & Exterior Coating	Non-Recurring	600,000	-	-	-	-	-	600,000	Voted 2013 Debt - Water
PAWP HVAC Improvements	Non-Recurring	-	100,000	400,000	2,000,000	-	-	2,500,000	Voted 2013 Debt - Water
Water Treatment Plant Environmental Upgrades	Non-Recurring	-	200,000	700,000	-	-	-	900,000	Voted 2013 Debt - Water
Water Quality Assurance Lab Renovations	Non-Recurring	-	-	2,000,000	-	-	-	2,000,000	Voted 2013 Debt - Water
Professional Construction Mgmt.- Supply Group	Non-Recurring	11,700,000	7,300,000	1,000,000	-	-	-	20,000,000	Voted 2013 Debt - Water
HCWP Standby Power	Non-Recurring	11,550,000	-	-	-	-	-	11,550,000	WSRLA Loan
DRWP Standby Power	Non-Recurring	9,850,000	-	-	-	-	-	9,850,000	WSRLA Loan
Water Main Repair	Recurring	-	900,000	-	900,000	-	-	1,800,000	Voted 2013 Debt - Water
Water Main Repair	Recurring	-	-	-	-	-	900,000	900,000	Water Enterprise (Unvoted)
Large Diameter Valve Replacement	Recurring	-	2,000,000	-	2,000,000	-	-	4,000,000	Voted 2013 Debt - Water
Large Diameter Valve Replacement	Recurring	-	-	-	-	-	2,000,000	2,000,000	Water Enterprise (Unvoted)
DRWP Laboratory Upgrades	Non-Recurring	-	-	500,000	-	-	-	500,000	Voted 2013 Debt - Water
DRWP Central Maintenance Shop	Non-Recurring	-	200,000	400,000	4,400,000	-	-	5,000,000	Voted 2013 Debt - Water
Watershed Facilities Improvements	Non-Recurring	-	300,000	300,000	3,300,000	-	-	3,900,000	Voted 2013 Debt - Water
Fire Hydrant Repairs (non R & R)	Recurring	900,000	900,000	900,000	900,000	900,000	-	4,500,000	Voted 2013 Debt - Water
Fire Hydrant Repairs (non R & R)	Recurring	-	-	-	-	-	900,000	900,000	Water Enterprise (Unvoted)
Gen'l Engineering Services - Distribution Group	Recurring	500,000	-	500,000	500,000	500,000	-	2,000,000	Voted 2013 Debt - Water
Gen'l Engineering Services - Distribution Group	Recurring	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
2016 Gen'l Engineering Services - Distribution Group	Recurring	500,000	-	-	-	-	-	500,000	Voted 2013 Debt - Water
HCWP Bulk Chemical Building Improvements	Non-Recurring	3,750,000	-	-	-	-	-	3,750,000	WSRLA Loan
PAWP Well Pump Replacement - CWs #101, #104, and #115	Non-Recurring	350,000	-	4,250,000	-	-	-	4,600,000	Voted 2013 Debt - Water
DRWP UV Disinfection	Non-Recurring	3,000,000	-	-	-	-	-	3,000,000	Voted 2013 Debt - Water
DRWP UV Disinfection	Non-Recurring	-	-	15,700,000	-	-	-	15,700,000	WSRLA Loan
HCWP UV Disinfection	Non-Recurring	4,000,000	-	-	-	-	-	4,000,000	Voted 2013 Debt - Water
HCWP UV Disinfection	Non-Recurring	-	13,300,000	-	-	-	-	13,300,000	WSRLA Loan
Westgate Tank Replacement	Non-Recurring	5,400,000	-	-	-	-	-	5,400,000	Voted 2013 Debt - Water
Karl Road Water Tank	Non-Recurring	-	-	-	200,000	250,000	-	450,000	Voted 2013 Debt - Water
Karl Road Water Tank	Non-Recurring	-	-	-	-	-	5,000,000	5,000,000	Water Enterprise (Unvoted)
Condition Assessment Program	Recurring	-	1,500,000	-	1,500,000	-	-	3,000,000	Voted 2013 Debt - Water
Condition Assessment Program	Recurring	-	-	-	-	-	1,500,000	1,500,000	Water Enterprise (Unvoted)
Residuals Management Plan Update	Non-Recurring	500,000	-	-	-	-	-	500,000	Voted 2013 Debt - Water
Reservoirs Bathymetric Study	Non-Recurring	400,000	-	-	-	-	-	400,000	Voted 2013 Debt - Water
General Architectural Services - Division of Water	Recurring	300,000	300,000	300,000	300,000	300,000	-	1,500,000	Voted 2013 Debt - Water
General Architectural Services - Division of Water	Recurring	-	-	-	-	-	300,000	300,000	Water Enterprise (Unvoted)
Wellfield Protection Boundary Update	Non-Recurring	-	-	-	-	100,000	-	100,000	Voted 2013 Debt - Water
HCWP Lime Dust Collection System	Non-Recurring	-	100,000	150,000	600,000	-	-	850,000	Voted 2013 Debt - Water
PCM Services for Small Projects	Recurring	500,000	500,000	500,000	500,000	500,000	-	2,500,000	Voted 2013 Debt - Water
PCM Services for Small Projects	Recurring	-	-	-	-	-	500,000	500,000	Water Enterprise (Unvoted)
Hoover Reservoir Erosion Study	Non-Recurring	-	-	300,000	-	-	-	300,000	Voted 2013 Debt - Water

2016 - 2021 CAPITAL IMPROVEMENTS PROGRAM (cont.)									
DEPARTMENT PROJECT	Project Type	2016	2017	2018	2019	2020	2021	Total	
								Budget	Funding Source
WTP Building Drain Improvements	Non-Recurring	-	-	250,000	-	-	-	250,000	Voted 2013 Debt - Water
Professional Construction Management (PCM) - Part II	Recurring	1,500,000	3,500,000	5,500,000	4,500,000	500,000	-	15,500,000	Voted 2013 Debt - Water
Laboratory Upgrades	Recurring	700,000	-	700,000	-	-	-	1,400,000	Voted 2013 Debt - Water
Dam Engineering Services (DES)	Non-Recurring	-	-	-	-	-	150,000	150,000	Water Enterprise (Unvoted)
Security & Emergency Preparedness - DOW	Recurring	100,000	100,000	100,000	100,000	100,000	-	500,000	Voted 2013 Debt - Water
Security & Emergency Preparedness - DOW	Recurring	-	-	-	-	-	100,000	100,000	Water Enterprise (Unvoted)
<b>Subtotal - PUBLIC UTILITIES/WATER 60- 09</b>		<b>\$ 128,039,693</b>	<b>\$ 64,400,000</b>	<b>\$ 138,125,000</b>	<b>\$ 112,650,000</b>	<b>\$ 73,650,000</b>	<b>\$ 74,400,000</b>	<b>\$ 591,264,693</b>	
<b>GRAND TOTAL</b>		<b>\$ 735,931,721</b>	<b>\$ 423,858,350</b>	<b>\$ 424,726,588</b>	<b>\$ 370,822,550</b>	<b>\$ 400,422,350</b>	<b>\$ 300,583,000</b>	<b>\$ 2,656,344,559</b>	

2016-2021 CAPITAL IMPROVEMENTS PROGRAM							
FUNDING SUMMARY BY DIVISION							
DIVISION	2016	2017	2018	2019	2020	2021	Total Budget
Dev Administration	\$ 5,000,000	\$ 4,600,000	\$ 4,600,000	\$ 4,600,000	\$ 4,600,000	\$ 4,600,000	\$ 28,000,000
Construction Management	18,745,000	8,690,000	8,690,000	8,690,000	8,690,000	8,690,000	62,195,000
Fleet Management	1,000,000	800,000	800,000	800,000	800,000	800,000	5,000,000
Safety Administration	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Police	2,006,000	1,680,000	1,680,000	1,680,000	1,680,000	1,680,000	10,406,000
Fire	7,794,000	7,520,000	7,520,000	7,520,000	7,520,000	7,520,000	45,394,000
Transportation	52,605,000	44,655,000	44,655,000	44,655,000	44,655,000	44,655,000	275,880,000
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	21,805,000	9,220,000	12,000,000	12,000,000	12,000,000	12,000,000	79,025,000
Sanitary Sewers	447,069,118	242,472,600	162,852,488	137,274,800	204,744,850	107,597,000	1,302,010,856
Electricity	13,527,910	6,815,750	8,719,100	7,477,750	7,497,500	4,931,000	48,969,010
Water	128,039,693	64,400,000	138,125,000	112,650,000	73,650,000	74,400,000	591,264,693
Recreation and Parks	27,125,000	22,780,000	22,780,000	22,780,000	22,780,000	22,780,000	141,025,000
DoT Administration	4,635,000	3,645,000	5,725,000	4,115,000	5,225,000	4,350,000	27,695,000
<b>Total</b>	<b>\$ 735,931,721</b>	<b>\$ 423,858,350</b>	<b>\$ 424,726,588</b>	<b>\$ 370,822,550</b>	<b>\$ 400,422,350</b>	<b>\$ 300,583,000</b>	<b>\$ 2,656,344,559</b>

## Capital Improvements Program

2016-2021 CAPITAL IMPROVEMENTS PROGRAM FUNDING SUMMARY BY SOURCE							
FUNDING SOURCE	2016	2017	2018	2019	2020	2021	Total Budget
Sanitary Sewer Enterprise (Unvoted)	\$ -	\$ -	\$ 65,737,303	\$ 81,917,800	\$ 74,758,850	\$ 50,597,000	\$ 273,010,953
Voted 2008 Debt-Sanitary Sewer	175,014,403	70,189,600	24,145,997	-	-	-	269,350,000
WSRLA Loan	52,150,000	28,300,000	40,700,000	28,000,000	24,000,000	25,000,000	198,150,000
Storm Sewer Enterprise (Unvoted)	-	3,295,000	12,000,000	12,000,000	12,000,000	12,000,000	51,295,000
Information Services	4,635,000	3,645,000	5,725,000	4,115,000	5,225,000	4,350,000	27,695,000
Voted 2013 Debt - Electricity	11,495,000	-	-	-	-	-	11,495,000
Water Enterprise (Unvoted)	-	-	-	-	16,779,693	49,400,000	66,179,693
Electricity Enterprise (Unvoted)	577,910	5,960,750	7,864,100	6,622,750	6,642,500	4,076,000	31,744,010
Voted 2013 Debt - Water	75,889,693	36,100,000	97,425,000	84,650,000	32,870,307	-	326,935,000
Councilmanic SIT Supported	28,270,000	39,500,000	81,560,000	91,955,000	94,560,000	94,560,000	430,405,000
Voted 2013 Debt SIT Supported	90,240,000	55,060,000	13,000,000	2,605,000	-	-	160,905,000
Voted 2013 Debt - Storm	14,155,000	5,925,000	-	-	-	-	20,080,000
WPCLF/OWDA	279,704,715	172,283,000	72,969,188	55,357,000	129,986,000	57,000,000	767,299,903
Fleet Management (Unvoted)	1,000,000	800,000	800,000	800,000	800,000	800,000	5,000,000
Councilmanic (To Be Determined)	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000	16,800,000
<b>Total</b>	<b>\$ 735,931,721</b>	<b>\$ 423,858,350</b>	<b>\$ 424,726,588</b>	<b>\$ 370,822,550</b>	<b>\$ 400,422,350</b>	<b>\$ 300,583,000</b>	<b>\$ 2,656,344,559</b>