

County of Summit

2018 - 2023

Capital Improvement Budget



Perkins Stone Mansion
photo courtesy of Bruce Ford



Summit County Council

Dear Council President and Members:

It is my pleasure to submit to you the 2018-2023 Capital Improvement Program for the County of Summit. The investments contained in this program reflect those priorities that I believe to be crucial to the success and well being of the residents of Summit County. This plan contains an emphasis on capital investments in critical public safety and technology infrastructure needs throughout the County. The 2018-2023 Capital Improvement Program seeks to judiciously use County funds for the maintenance of current county facilities and assets while aiming to make strategic investments that will improve the overall safety of our residents and help enhance our job creation efforts.

2017 saw the successful completion of the engineering, construction, and equipment upgrades necessary to convert the County and City of Akron owned 800 Mhz emergency radio system into an Apco P25 compliant radio system. This \$18.4 million project provides a state of the art, radio communications system which allows emergency, healthcare, school district and public service employees throughout Summit County to communicate and coordinate services. As this project comes to completion in 2018, we have begun the next phase of our planned investment into the modernization and improvement of our public safety communications systems. In late 2017, the County along with the cities of Akron, Stow, Cuyahoga Falls, Tallmadge, Green and Fairlawn engaged MCM Consulting to assist in reviewing plans for and negotiating a contract with, a vendor to implement a County-owned Next-Gen compliant computer aided dispatch (CAD) system. Our hope is to have a CAD vendor selected and under contract by the 1st quarter of 2018 and to continue working with MCM and the cities of Stow, Cuyahoga Falls, Tallmadge, Green and Fairlawn to further study the benefits of a consolidated dispatch operations center.

The County is also committed to innovatively use its limited capital dollars to partner with other public and private entities to create new job opportunities. In that vein, the County has partnered with the City of Akron and the Greater Akron Chamber to plan the Firestone Business Park. This project will open up new land for development in the core of the County while also serving as the new home of the County's Department of Sanitary Sewer Services' new combined maintenance facility.

Over the past several years, the economic impact of cuts to local government funding and other revenue sharing by the State of Ohio, have severely limited Summit County's ability to invest in and maintain capital assets. This fact was highlighted by the Auditor of State's recent release of its Financial Health Indicators report which assigned Summit County a "Cautionary Outlook" rating based on the condition of our capital assets for the second consecutive year. While our ability to invest local dollars in our capital assets still remains constrained, this 2018 plan directs over \$1 million dollars towards improvements in to two of our largest and vital assets, the Summit County Courthouse and Summit County Jail. Additionally, the County will move forward with an approximately \$2 million project to renovate and lease 15,996 square feet of space with Akron Main Place Development, LLC for our Ninth District Court of Appeals. Maintaining these facilities, and a myriad of other County owned assets, continues to be one of our biggest long term challenges and remains vitally important to our future success as region.

Sincerely,

Ilene Shapiro
County Executive



CAPITAL IMPROVEMENT PROGRAM

TABLE OF CONTENTS

	<u>Page Number</u>		<u>Page Number</u>
Overview			
Improvement Policy	1		
Eligibility Criteria	2		
Funding Sources	2-6		
<u>2018 Capital Improvement Summary</u>		<u>2018-2023 Summary of Improvements</u>	
2018 Sources and Uses Summary	7	Summary	38
Sources of Funding Chart	8	2018-2023 Sources and Uses	39
Uses of Funding Chart	9		
<u>2018 Capital Improvement Detail</u>		<u>2018-2023 Detail of Improvements</u>	
Facility Improvements		Facility Improvements	
Engineer	10	Engineer	40
Executive	10-11	Executive	40
General Government	11-13	General Government	40-42
Judicial & Public Safety	13-15	Judicial and Public Safety	42-44
Economic Development	16	Tourism and Economic Development	45
Computer Systems and Equipment	17-20	Computer Systems and Equipment	46-48
Vehicles	21-23	Vehicles	49-50
Engineer		Engineer	
Bridge Improvements	24-26	Bridge Improvements	51
Highway Engineering Projects	22	Road & Ditch Improvements	52-56
Environmental Improvements	31-37	Environmental Improvements	57-62

County of Summit · The High Point of Ohio



BUDGET OVERVIEW



Summit County Capital Improvement Policy

Capital Improvement Program 2018-2023

The Summit County Charter requires the County Executive to submit annually to the County Council a capital improvement program. The program is required to include the capital improvement schedule proposed for the current fiscal year, along with the estimated cost of each item or project and the proposed method of financing. The proposal must also include planned capital improvements for the succeeding five years.

The Executive's Department of Finance and Budget prepared this budget in conformity with the Government Finance Officers Association's Recommended Practices for Capital Budgets.

OBJECTIVES OF THE CAPITAL INVESTMENT PROGRAM

1. To maintain and upgrade county facilities such as roads, bridges, water and sewer lines and buildings.
2. To minimize long-term operating costs. This can be achieved through the investment in technology and the purchase and upgrade of equipment and vehicles.
3. To encourage and promote tourism and economic development throughout the County by direct investment and partnering with area governments and institutions.
4. To improve financial planning by comparing needs with resources, estimating future bond issues and identifying potential fiscal implications.



Summit County Capital Improvement Policy

Capital Improvement Program 2018-2023

ELIGIBILITY CRITERIA

In general, to qualify for funding through the County's capital budget, a project must have a cost of more than \$15,000 and a useful life in excess of 5 years. A qualified project may be funded through a variety of sources such as operating fund transfers and public borrowing.

FUNDING SOURCES

AMATS – Akron Metropolitan Area Transportation Study grant funding.

Animal Control - Fees collected by the Animal Control Department for licenses and fines.

CDBG – Federal funds received from the Department of Housing and Urban Development to be used for various Community Development Projects.

CEAO – County Engineers Association of Ohio.

Computerization Funds - Fees collected by the Court of Common Pleas for the computerization of the Clerk of Courts, Common Pleas and Probate Court.

Coroner Lab Fund - Fees collected by the Coroner for the performance of out-of-county autopsies.

Court Computerization Fund - Fees collected by the Court of Common Pleas for the computerization of the Court.



Summit County Capital Improvement Policy

Capital Improvement Program 2018-2023

Department of Job and Family Services – Capital project expenses are recovered through leases or depreciation charges paid by DJFS to the County through annual federal or state funding for DJFS operations.

Ditch Maintenance Funds – Assessed funds collected from certain developments for storm water management.

Energy Efficiency Conservation Block Grants (EECBG) – Energy Efficiency Conservation Block Grants provide funding to local governments, states, territories, and Indian tribes to fund programs and projects that reduce energy use and fossil fuel emissions and improve energy efficiency.

EPA Grant – Grants from the U.S. Environmental Protection Agency.

Federal Funds – Funds from a variety of federal government programs.

General Fund Capital Improvement Program - Unlike various counties and local governments that have dedicated revenues of statutory set-asides for capital investment, the County's primary source for capital is the General Fund. The General Fund Capital Improvement Program was established by the County in 2001 and was funded through an investment of General Fund dollars totaling \$21.6 million. Of the initial \$21.6 million invested, roughly \$320,000, remained uncommitted, at the end of 2012. The County transferred an additional \$849,120 from the General Fund in 2013, \$947,335 in 2014, \$878,995 in 2015, \$2,589,797 in 2016 and \$1,878,536 in 2017 to fund capital administration and several small projects. At the end of 2018, approximately \$200,000 will be available for projects in 2019. Since the General Fund is first used to pay debt service on non-exempt general obligation bonds and the operation of the County, the County must have a funding plan for first meeting those obligations, and secondly, and no less importantly, to determine sustainable amounts of available dollars from the General Fund for capital projects.



Summit County Capital Improvement Policy

Capital Improvement Program 2018-2023

General Obligation Debt – Long term bonds financed by unvoted general property tax levies. General obligation debt is used in the financing of major projects that exceed the county's funding ability. In certain instances, non-tax revenue bonds backed solely by the pledge of general fund revenues such as investment earnings, charges for services, fees and fines may be issued.

Homeland Security Grants – Federal funds for the purpose of homeland security and public safety grant opportunities offered by agencies across the Federal government to make our nation more secure against the threat of terrorism, as well as other natural and man-made hazards. These grants include the preparedness of first responders and citizens, public health, infrastructure security, and other public safety activities.

Insurance Retention – In 2004 the County established an insurance retention fund, used primarily to cover the cost of liability insurance for Sheriff's deputies working extra jobs. Third party employers pay a fee of \$3.00 per hour to cover the county's cost of insurance related to these potential incidences. Once the balance in this fund exceeds \$200,000, fund balance may be used by the Sheriff for the purchase of equipment.

LAB Funds – Funds derived from the performance of out of county autopsies performed by the Medical Examiner's Office as prescribed by section 313.16 of the Ohio Revised Code.

Motor Vehicle License and Gasoline Tax (MVGT) – Taxes levied on the sale of gasoline and motor vehicle licenses throughout the county. A percentage is distributed to the county and placed in the MVGT fund for operations of the Engineer.

Ohio Department of Transportation (ODOT) – Federal Funds allocated to Ohio and made available to the County.

Ohio Department of Rehabilitation & Corrections (ODRC) – Ohio Department of Rehabilitation & Corrections Grant Funding.



Summit County Capital Improvement Policy

Capital Improvement Program 2018-2023

Ohio Public Works Commission (OPWC) – Bonds issued by the State of Ohio to fund conservation and revitalization of land and water within the state. Bonds issued for this purpose are to be paid by current liquor profits and general state revenues.

Ohio Water Development Authority (OWDA) – OWDA loans are revenue obligations payable from the revenues of the systems that are improved with OWDA loans and from special assessments associated with those improvements.

Other Local – Contributions from other political subdivisions or private developers to pay a portion of project costs. This source may also occasionally include miscellaneous small County Fund sources.

Permanent Improvements – Funds received from the sale of real property.

Policing Rotary Fund – Revenue collected from various funding sources including statutory and other contractual revenues.

Probation Fees - Monthly supervision fees collected from probationers.

Public Lands Highways Discretionary (PLHD) – PLHD provides funding for transportation planning, research, and engineering and construction of highways, roads, parkways, and transit facilities that are within, adjacent to, or provide access to Indian reservations and Federal public lands, including national parks, refuges, forests, recreation areas, and grasslands.

Real Estate Assessment Fund (REA) – Administrative fees collected by the Fiscal Office for the assessment of real property valuation within the county.

Sewer Fund – Financed primarily by user charges.



Summit County Capital Improvement Policy

Capital Improvement Program 2018-2023

Special Projects – Special Revenue Fund of the Summit County Common Pleas Court used for special projects at the Court’s discretion.

Surface Transportation Program (STP) - provides flexible funding that may be used by States and localities for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, and intra city and intercity bus terminals and facilities.

Title Fund – Administrative fees and sales tax proceeds collected by the Clerk of Courts for the titling of motor vehicles within the county.

Water Pollution Control Loan Fund (WPCLF) – The WPCLF is capitalized through federal grants. The State of Ohio is required to match every \$5 dollar of federal funds with \$1 of state funds. This fund provides low interest loans to communities for wastewater treatment system improvements. It also funds other types of projects with the intent to protect and improve water resources. These projects include the control of storm water runoff, support of conservation practices on farms, brownfield cleanup, and the restoration of stream corridors and aquatic habitats.

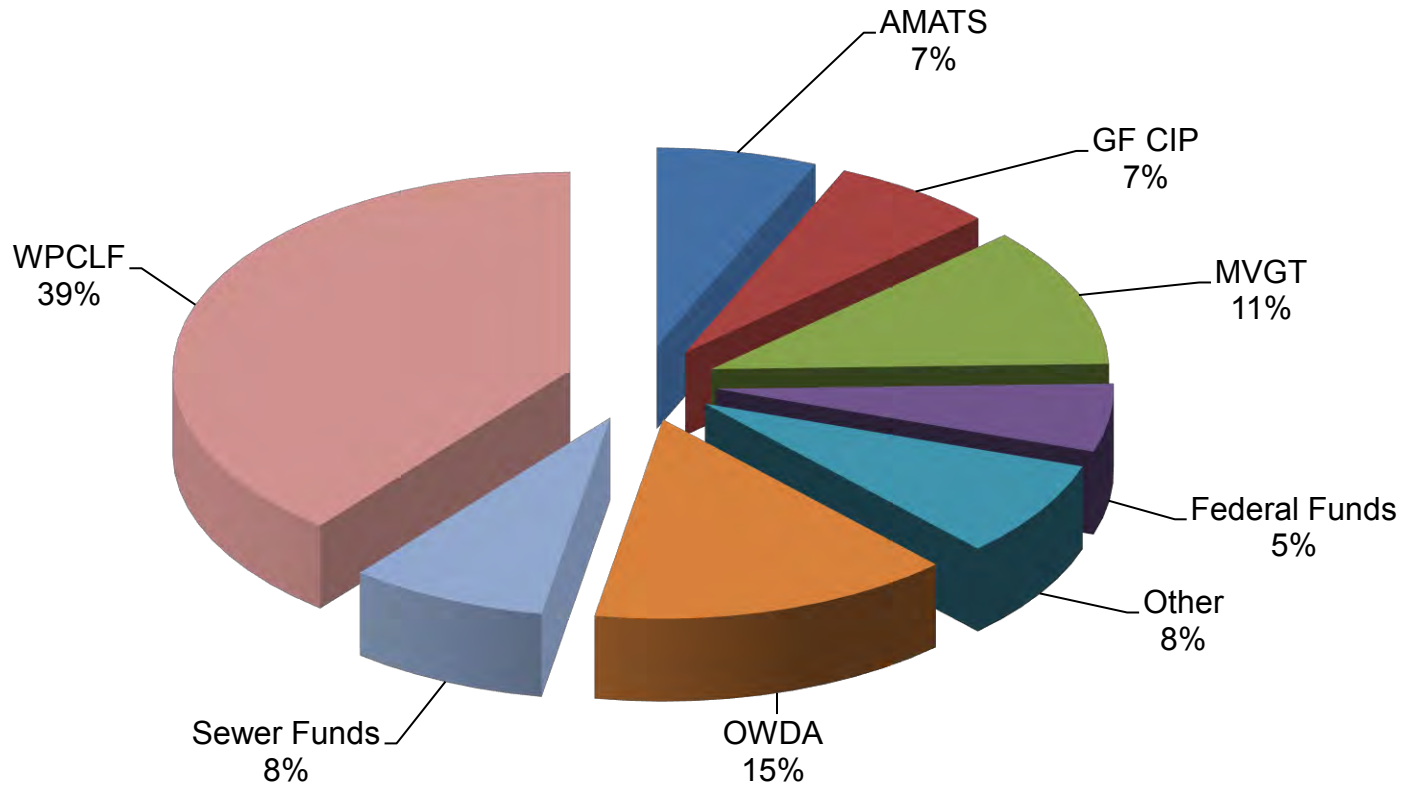


2018 CAPITAL IMPROVEMENT PROGRAM

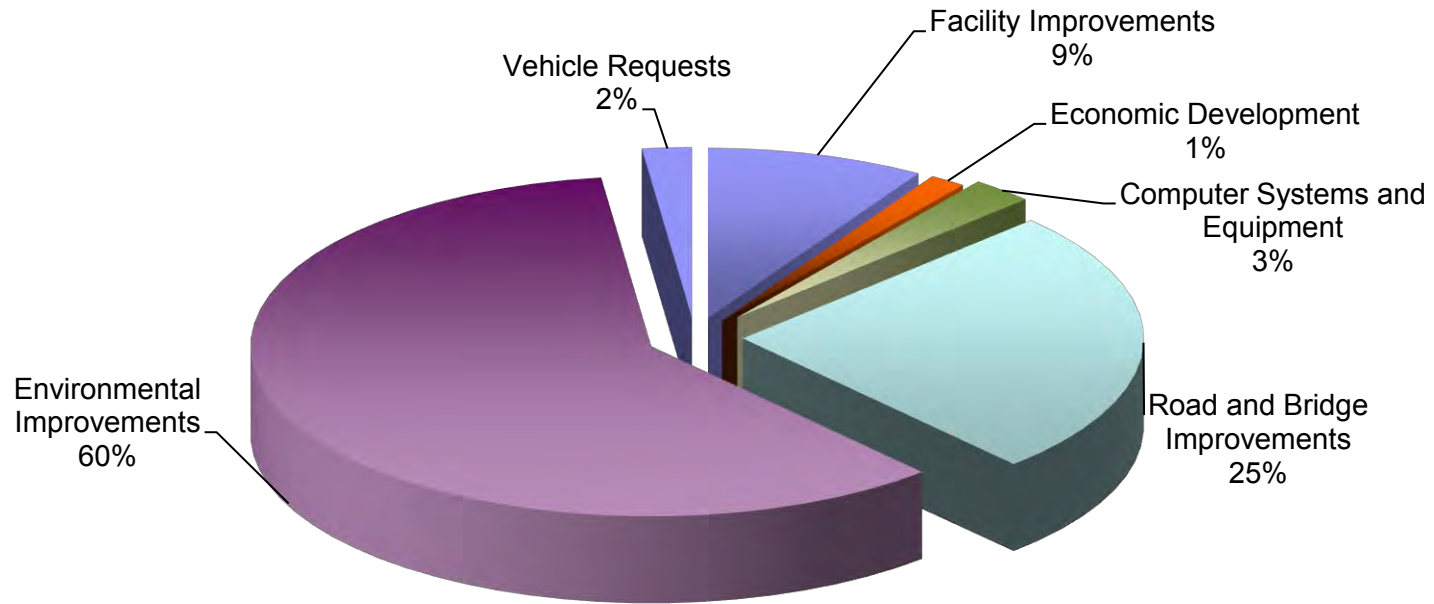
Sources and Uses

<u>FUNDING SOURCE</u>	<u>COMPUTER SYSTEMS AND EQUIPMENT</u>	<u>ENVIRONMENTAL IMPROVEMENTS</u>	<u>FACILITY IMPROVEMENTS</u>	<u>ROADS AND BRIDGES</u>	<u>ECONOMIC DEVELOPMENT</u>	<u>VEHICLES</u>	<u>TOTAL</u>
AMATS				\$4,164,729			\$4,164,729
Computer Funds	\$362,000						\$362,000
DJFS	\$30,000		\$175,000				\$205,000
Federal Funds				\$3,526,830			\$3,526,830
GF CIP	\$254,625		\$3,820,305	\$100,000	\$35,000	\$30,000	\$4,239,930
GO Debt			\$185,816				\$185,816
Insurance Ret						\$95,000	\$95,000
LAB Fund	\$88,000						\$88,000
MVGT	\$162,000		\$150,000	\$6,563,700		\$350,000	\$7,225,700
ODOT				\$900,000			\$900,000
ODRC			\$188,530				\$188,530
OPWC				\$360,000			\$360,000
OWDA		\$9,400,000					\$9,400,000
Other Local	\$99,245		\$213,800	\$550,000	\$900,000	\$60,000	\$1,823,045
Permanent Imp			\$225,000				\$225,000
Probation Fees	\$100,000					\$21,500	\$121,500
REA Funds	\$12,000					\$75,000	\$87,000
Rotary Fund						\$85,000	\$85,000
Sewer Funds	\$289,000	\$3,715,000	\$570,000			\$552,680	\$5,126,680
Special Projects	\$200,000		\$75,000				\$275,000
WPCLF		\$24,930,000					\$24,930,000
TOTAL	\$1,596,870	\$38,045,000	\$5,603,451	\$16,165,259	\$935,000	\$1,269,180	\$63,614,760

2018 County of Summit Capital Improvement Program Sources of Funding



2018 County of Summit Capital Improvement Program Uses of Funding





FACILITY IMPROVEMENTS



2018 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
Boston (North) Station				
Facility Improvements	\$50,000	MVGT	\$300,000	General Improvements anticipated for Boston (North) Station.
South Street				
Facility Improvements	\$100,000	MVGT	\$675,000	General Improvements anticipated to South Street complex. The 2018 program includes improvements to the garage ventilation system. The 2019 program includes replacing below-ground fuel system with above-ground tanks. The 2021 program includes replacing Building 8.
Executive				
Department of Sanitary Sewer Services				
Plant 25 Fishcreek Data Center Fire Suppress	\$25,000	Sewer Funds	\$25,000	Installation of a proper fire suppression system to protect the data center.
Plant 36 Upper Tusc Influent Building Imp	\$20,000	Sewer Funds	\$20,000	Rehabilitation and/or replacement of garage door, doors, heaters/heating system upgrade; to support switch from ferric chloride to aluminum since aluminum must be kept at a temperature of >50 degrees.
Plant 36 Upper Tusc Storage Building Imp	\$30,000	Sewer Funds	\$30,000	Rehabilitation and/or replacement of siding, lighting and insulation.
Plant 36 Upper Tusc Tertiary Bldg Roof	\$120,000	Sewer Funds	\$120,000	Replacement of the roof of the tertiary filter building. The current roof was installed in 1980 and is at the end of its useful life.



2018 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Vehicle Maintenance Garage (eng)	\$375,000	Sewer Funds	\$375,000	Space study & engineering in 2017 with payment from Sewer Enterprise Fund; Construction of a new facility, funded through WPCLF, to consolidate sewer, fleet & pump maintenance. This will provide needed space in a more secure location. This will also include inventory consolidation/control and centralized purchasing.
General Government				
Animal Control Facility General Repairs and Maintenance	\$15,000	Permanent Imp	\$125,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Board of Elections General Repairs and Maintenance	\$10,000	Permanent Imp	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Generator Improvement	\$30,000	GF CIP	\$30,000	Install the electrical connection for future generator connection at the Early Voting Center.
Parking Lot Upgrade	\$60,000	GF CIP	\$166,658	Replace deteriorating stairs and portion of retaining wall. Also repair and overlay parking lot at Early Voting Center.
	\$106,658	GO Debt		
Signage Improvement	\$10,000	GF CIP	\$10,000	Install a new street sign for the Board of Elections.
Community Based Corrections Facility Men & Women's CBCF Repair	\$188,530	ODRC	\$656,570	The Ohio Department of Corrections has approved funding in the amount of \$206,570 for improvements at the Men's CBCF Building on E. Crosier St. and \$450,000 in capital funds for the Women's CBCF on Sherman Street. To date projects totalling \$535,845 have been completed or awarded, including foundation repairs at the Women's Facility and a boiler replacement and paving at the Men's facility.



2018 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Court of Appeals Ninth District Court of Appeals Relocation	\$2,000,000	GF CIP	\$2,000,000	Relocation of Ninth District Court of Appeals from Ocasek Office Building in downtown Akron, to the Main Place Building. Proposed cost is the approximate NPV of a 20 year lease agreement designed to cover the buildout and relocation costs.
Edwin Shaw Property General Maintenance & Upkeep	\$10,000	GF CIP	\$10,000	General maintenance and upkeep of grounds.
Jobs and Family Services General Repairs and Maintenance	\$175,000	DJFS	\$175,000	Upkeep and maintenance of former Job & Family Services' office buildings. Funding to maintain Sojourner Truth Building and Buildings #1,2 & 3 on N. Main St.
Medical Examiner General Repairs and Maintenance	\$10,000	Permanent Imp	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
HVAC Equipment & Controls Upgrade	\$300,000	GF CIP	\$300,000	Replace the main air handler and upgrade the temperature controls at the ME Building. The cost of this project would be recovered through energy savings.
Ohio Building General Repairs and Maintenance	\$40,000	Permanent Imp	\$90,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Russ Pry Building Insurance Department Office Buildout	\$200,000	GF CIP	\$200,000	Build out and furnish 7 offices for consolidation of Insurance Department with Human Resources.
Summit Center General Repairs and Maintenance	\$20,000	Permanent Imp	\$70,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.



2018 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Summit County Parking Deck Expansion Joint Repair	\$50,000	GF CIP	\$150,000	Replace failing expansion joints at midpoint of parking deck. Joints are beginning to leak and allow water to deteriorate concrete
General Repairs and Maintenance	\$35,000	Permanent Imp	\$85,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Tallmadge Avenue Facility General Repairs and Maintenance	\$10,000	Permanent Imp	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Veterans Service Bldg. General Repairs and Maintenance	\$10,000	Permanent Imp	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Judicial and Public Safety				
Domestic Relations Court/Clerk of Courts General Repairs and Maintenance	\$10,000	Permanent Imp	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Juvenile Court and Detention Center General Repairs and Maintenance	\$10,000	Permanent Imp	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Partial Roof Replacment	\$100,000	GF CIP	\$100,000	Replace a portion of the original roof that is leaking significantly
Replace UPS System	\$50,000	GF CIP	\$50,000	Upgrade the Uninterrupted Power Supply system that is starting to have maintenance issues
Safety Building Elevator and Fire Alarm Modernization	\$79,158	GO Debt	\$79,158	Remaining bond issuance proceeds. Contingency funds to cover any unforeseen conditions during the completion of this project.



2018 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
General Repairs and Maintenance	\$10,000	Permanent Imp	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Sheriff Training Facility Storage Building	\$133,800	Other Local	\$133,800	Construction of a pole barn behind the current building at the Sheriffs training facility. It will be used to store seized vehicles, bomb squad truck and equipment and misc other items. The current building is filled and Sheriff is lacking any additional storage space for office equipment. The cost for the barn is \$133,717.31. Tthe drug unit will be paying \$63,717.31 and the Sheriff's office will be responsible for the remaining 70,000.00.
Training Facility Upgrades	\$40,000 \$80,000	GF CIP Other Local	\$120,000	Upgrade shooting range technology to provide 360 degree turning target retrieval system with touch screen lane controls and computerized master controls.
Summit County Courthouse Façade Cleaning and Repair	\$100,000	GF CIP	\$294,495	Repair façade at the Courthouse and Annex. The existing coating on the lower level is peeling and allowing the stone to deteriorate. Funding for Phase II of Project. Phase I approved per resolution 2017-284 totalling \$194,495.
Fire Alarm Panel Upgrade	\$50,000	GF CIP	\$50,000	Upgrade the fire alarm panel to an addressible system.
General Repairs and Maintenance	\$20,000	Permanent Imp	\$120,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Law Library & Jury Pool Renovation	\$100,000	GF CIP	\$100,000	Renovate the Law Library for Court Services and renovate Court Services for the Jury Pool Room
Probate Renovation	\$15,000	Special Projects	\$15,000	Contingency funding for completion of renovatations at the Probate Court for court technology.



2018 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Refinish Courtroom Wood Panelling	\$60,000	Special Projects	\$60,000	Refinish the wood panelling in Judge Croce's courtroom that is splotchy and multi colored.
World War II Veterans Plaques	\$50,000	GF CIP	\$50,000	Install the 6 granite plaques commemorating World War II veterans on the side of the Domestic Relations Courthouse. The plaques will be installed adjacent to the current World War I statue.
Summit County Jail				
Cooling Tower Replacement	\$200,000	GF CIP	\$200,000	Replace the cooling tower at the Jail which is in dire need of replacement
General Repairs and Maintenance	\$25,000	Permanent Imp	\$150,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Housing Unit Fencing	\$150,000	GF CIP	\$150,000	Install a 132'x 13' high galvanized 6 gauge chain link fence at 29 different locations at the Summit County Jail. Resolutions 2017-355 awarded \$114,500 to Kustom Fencing to install fencing for approximately half of pods. Estimate is to complete remainder of jail pods.
Jail Cameras	\$320,305	GF CIP	\$320,305	Currently there are 107 existing analog cameras at the Summit County Jail over 27 years old. A new video management platform will convert the cameras to IP. The existing wiring and power for these cameras will be reused. Currently only 32 of the existing cameras are recorded. This solution will record all of the existing cameras onto a hard drive for viewing. These 94 new cameras will be Megapixel IP (Internet Protocol) cameras. Cameras will be run in conduit when it is exposed within inmate cell areas.
Total: Facility Improvements	\$5,603,451		\$8,025,986	



ECONOMIC DEVELOPMENT



2018 CAPITAL IMPROVEMENT BUDGET

Economic Development

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Executive				
Economic Development				
Canal Way Development & Trail Plan - Grant Prog	\$35,000	GF CIP	\$210,000	\$35,000 for grants to various communities in partnership with the Ohio & Erie Canal Corridor Coalition.
Firestone Industrial Park Infrastructure Development	\$900,000	Other Local	\$900,000	County participation with the City of Akron in funding infrastructure to the industrial park.
Total: Economic Development	\$935,000		\$1,110,000	



COMPUTER SYSTEMS AND EQUIPMENT



2018 CAPITAL IMPROVEMENT BUDGET

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
Equipment-Maintenance Department				
Heavy Equipment	\$150,000	MVGT	\$1,415,000	Replacements necessary due to unreliability, poor physical condition, and high/increasing maintenance costs. Planned purchase of 1 loader (with buckets), compressor and hoe pack (2018).
General Government				
Medical Examiner				
Electro Mechanical Autopsy Tables	\$15,000	LAB Fund	\$45,000	ME's Office currently has 3 Jewett autopsy tables that were installed in 1993. The current condition is fair to poor. With the age of the tables, repairs are costly and it is often difficult to find the parts for the repairs. Maintenance has been needed on the plumbing and the hydraulic system that adjusts the table height. Replacement of one table each year, for a total of 3 tables, beginning in 2018.
GCMS System Replacement	\$73,000	LAB Fund	\$73,000	The ME's Forensics lab currently has 2 Agilent GCMS (Gas Chromatography Mass Spectrometry) Systems. One (5972) is over 20 years old, and is of very limited use. The technical capabilities are much too old to be of any value. It is rarely used. The 2nd system (5973) is 15 years old, and is the main instrument in use. It also is outdated, and Agilent will not cover that model under service due to parts availability. GCMS system is used for forensic substance identification.



2018 CAPITAL IMPROVEMENT BUDGET

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Information Technology				
Hardware & Software				
Appraisal Software Upgrade	\$100,000	GF CIP	\$3,219,804	County Council Resolutions 2017-390 and 391 confirmed awards by the Board of Control of professional service contracts with Software Housing International, Inc and Harris Govern, for equipment and software implementation services for the CAMA and IAS4 Tax Software System, in a total amount not to exceed \$3,105,105.00. The project will be funded \$2,114,231 REA Fund and \$1,105,572 General Fund or other funding sources. In 2017 the General Fund transferred \$100,000 of a total \$500,000 commitment over 5 years.
Banner Upgrade to Version 9	\$60,000	GF CIP	\$60,000	Upgrade accounting system from Banner 8 to the web version Banner 9. This removes the java requirement and provides a much needed interface update to the Banner system.
F&E KioskPro Hardware & Software	\$18,000 \$18,000 \$18,000	GF CIP Other Local Sewer Funds	\$54,000	Stainless Steel, Thru-Wall payment kiosks and application interface development, customization, installation, testing & training: for processing Real Estate Taxes, Sanitary Sewer Services payments, Mobile Home Taxes, Court Costs and Dog Licenses.
Forensic Advantage	\$40,625 \$81,245	GF CIP Other Local	\$121,870	A component of the Forensic Advantage application platform, the Medical Examiner Case Management System is a secure, cost-effective solution that helps examiners and coroners automate their unique business processes. Forensic Advantage for Medical Examiners addresses all types of death investigations with a powerful case management framework that tracks investigations, lab work and autopsies. The evidence features facilitate the processing of property, specimens and bodies with full support from scene to funeral home. Implementation cost is to be split 1/3 County, 1/3 SCPH, and



2018 CAPITAL IMPROVEMENT BUDGET

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Hardware Plant 25 & 36 Access Control/ Security	\$45,000	Sewer Funds	\$90,000	1/3 ADM Board. Purchase and Installation of hardware to provide monitoring and control of outside entrances for two major waste water treatment plants. Purchase and installation of hardware to secure Plant 25 and Plant 36 Data Centers
Hardware VDI	\$100,000	Sewer Funds	\$100,000	An upgrade to the aging VDI infrastructure currently used by DSSS. This would scale alongside the current VDI implementation we installed for JFS.
Server Platform HP Flex Capacity	\$12,000 \$30,000 \$36,000 \$12,000 \$12,000 \$18,000	Computer Funds DJFS GF CIP MVG REA Funds Sewer Funds	\$120,000	This platform would place the next iteration of datacenter hardware on our floor next to the current. This is a consumption based model which means that the hardware will grow as the need grows. This would eliminate the capital spend every 5-7 years to replace hardware while providing us with a method to charge back much more easily than we currently do.
Software CUBIC ebills and credit card payments	\$23,000	Sewer Funds	\$23,000	Purchase and configuration for electronic billing and electronic payment module for our existing CUBIC Utility Billing System
Software Cityworks PLL / Permitting Module for DSSS & Building Stds	\$85,000	Sewer Funds	\$85,000	Purchase and installation of software to provide management/issuance of sanitary sewer connection permits

Judicial and Public Safety

Clerk of Courts



2018 CAPITAL IMPROVEMENT BUDGET

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Clerk's Case Management System Module Expansion	\$200,000	Computer Funds	\$200,000	Interface with Matrix Software to: a) streamline the Indictment process with other government agencies, and b) to intergrate with the chain of custody of evidence and exhibits throughout the judicial process. Upgrade of the Multi-Jurisdictional program to further expand the information shared with the Law Enforcement community. Enhancement of CMS reporting capabilites. Reconstruction of Clerk Website.
Common Pleas Court-Adult Probation Computer Equipment Replacement	\$100,000	Probation Fees	\$100,000	Replace existing personal computers, monitors and laptops in adult probation.
Common Pleas Court-General Division Computer Equipment Replacement	\$150,000	Computer Funds	\$150,000	Replace existing personal computers, monitors and laptops in the general division.
Courtroom Technology	\$200,000	Special Projects	\$1,200,000	Digital displays, sound and smartboard presentations for courtrooms. This will allow both the plaintiffs and defendants to have access to the same level of equipment. This will help increase the speed of trials.
Total: Computer Systems & Equipment	\$1,596,870		\$7,056,674	

County of Summit · The High Point of Ohio



VEHICLES



2018 CAPITAL IMPROVEMENT BUDGET

Vehicles

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
Maintenance Department				
Dump Plows	\$230,000	MVGT	\$1,380,000	Replacements necessary due to unreliability, poor physical condition, and high/increasing maintenance costs. Planned purchase of 1 single axle cab and chassis with swap loader, enclosed trailer (2018).
Ford 150 Pick Ups	\$120,000	MVGT	\$470,000	Replacements necessary due to unreliability, poor physical condition, and high/increasing maintenance costs. Planned purchase of 2 F150 pick-ups, 2 Escapes (2018).
Executive				
Sanitary Sewer Services				
Ford 150 Pick Ups	\$14,319	Sewer Funds	\$194,319	Lease Purchase Cost. Replacement of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.
Ford Back Hoe	\$90,000	Sewer Funds	\$90,000	Replacement and/or purchase of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.
Ford F250 Pick Ups	\$5,999	Sewer Funds	\$5,999	Lease Purchase Cost. Replacement of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.
Ford F350 Transit	\$20,022	Sewer Funds	\$20,022	Lease Purchase Cost. Replacement of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.



2018 CAPITAL IMPROVEMENT BUDGET

Vehicles

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Ford F550 Utility Truck	\$8,567	Sewer Funds	\$8,567	Lease Purchase Cost. Replacement of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.
GMC 1500 Pick Ups	\$4,773	Sewer Funds	\$4,773	Lease Purchase Cost. Replacement of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.
International Tank Truck	\$200,000	Sewer Funds	\$600,000	Replacement and/or purchase of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.
Vac Con	\$60,000	Sewer Funds	\$120,000	Replacement and/or purchase of various vehicles and mobile equipment. All replacements are necessary due to unreliability, poor physical condition and high/increasing maintenance costs.
Western Star Semi Tractor	\$149,000	Sewer Funds	\$149,000	Purchase of semi tractor to support hauling of sludge from wastewater treatment plants and for transporting large off road equipment.
General Government				
Fiscal - Appraisal Department Passenger Vehicles	\$75,000	REA Funds	\$75,000	Purchase 3 County vehicles for the Fiscal Office appraisal staff. There currently is one appraiser driving a personal vehicle. Due to the 2020 sexennial appraisal, the Fiscal Office may need two additional appraisers.
Fiscal - Weights & Measures Box Truck	\$60,000	Other Local	\$60,000	Replace one pickup truck with a box truck in 2018. This vehicle will handle all of the gas pump and fuel quality testing.



2018 CAPITAL IMPROVEMENT BUDGET

Vehicles

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Judicial and Public Safety				
Common Pleas Court-Adult Probation Passenger Vehicles	\$21,500	Probation Fees	\$67,000	Vehicle replacements necessary due to unreliability, poor physical condition, and high/increasing maintenance costs.
Sheriff 3 Community Rotary Patrol Vehicles	\$85,000	Rotary Fund	\$85,000	3 New Patrol vehicles needed for contracted areas. These vehicles were all assessed and found to be too costly to repair and the frames are unsafe. These vehicles if not replaced every year, have over 100,000 miles in approximately 1 year of service due to being driven 24 hours a day.
5 Unmarked Vehicles	\$95,000	Insurance Ret	\$95,000	The Sheriff's Office is in need of replacement unmarked vehicles. These vehicles have high mileage and are costly to maintain.
Prisoner Transport Vans	\$30,000	GF CIP	\$90,000	Prisoner Transport Van needed for conveyance of prisoners to Court and to Prison. Over the past 4 years, 4 of the passenger vans have been auctioned off due to need and 1 van has been purchased for replacement.
Total: Vehicles	\$1,269,180		\$3,514,680	

County of Summit · The High Point of Ohio



ENGINEER



2018 CAPITAL IMPROVEMENT BUDGET

Bridge Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
Bridge Engineering and Construction Projects				
Bridge Repair/Rehabilitations	\$125,000	MVGT	\$750,000	This is a set aside amount of \$25,000 per year for structural engineering and an additional \$100,000 per year for construction of bridge repair projects that are identified during our annual bridge inspection programs. Emergency repairs on Riverview Rd. over Yellow Creek (AKR-009-0583) will be completed in spring 2018 with the National Parks Service participating. CID YYYY-112
Bridge Waterproofing	\$25,000	MVGT	\$150,000	The proposed improvement involves installation of ODOT Item 512, Type 3 waterproofing on existing bridge decks and the tops of box culverts. The waterproofing is installed after the existing asphalt and existing waterproofing (if present) is milled off and a new asphalt leveling surface is placed on the bridge. A new asphalt wearing surface is placed on top of the new waterproofing layer. This work is necessary when the old waterproofing has failed, or is not present, and salt laden water is leaking through relatively porous asphalt and/or joints between adjacent precast box beams and adjacent box culvert sections. The waterproofing aids in the preservation and life of the structure by keeping salt laden water away from precast concrete members and away from vulnerable reinforcing steel within the concrete. Current funding level (\$25k/year) covers two bridges per year. CID YYYY-113



2018 CAPITAL IMPROVEMENT BUDGET

Bridge Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Home Avenue Bridge	\$1,187,200 \$296,800	AMATS MVGTT	\$1,484,000	The existing bridge over the Little Cuyahoga River in Akron was built in 1954 and has a sufficiency rating of 61.4. It is not classified as structurally deficient with a General Appraisal of 5-A. This triple span, continuous concrete slab deck is 73 foot long, 65 foot wide and carries four lanes of traffic. The size and type of bridge will be determined as part of preliminary design and will provide for four lanes of vehicular traffic, two lanes of bicycle traffic and pedestrian traffic. CID 2017-227 PID 97165
N. Main over Howard St.	\$546,000	MVGT	\$546,000	Bridge elimination and installation of at-grade crossing. CID 2017-223
Riverview Rd over Yellow Creek	\$50,000	MVGT	\$900,000	The 2016 underwater inspection of the stone arch structure (AKR-009-0583) built in 1825, revealed excessive scour in the vicinity of the abutment foundations. The proposed treatment involves a conceptual design report in 2018 followed by a detail design of the approved feasible alternative in 2019. Repair/replacement of the structure is scheduled for 2020. A severe storm similar to the flooding of 2014 could advance this schedule to an emergency project at an earlier date. The bridge (except for the foundation) is rated at a sufficiency rating of 96.2 with a General Appraisal of 4-A. The undermining of the foundations due to stream scouring is the controlling element on this bridge. CID 2017-119



2018 CAPITAL IMPROVEMENT BUDGET

Bridge Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Wright Road Bridge	\$175,000	MVGT	\$952,000	The existing bridge over Pigeon Creek in Copley Township was built in 1974 and has a sufficiency rating of 30.1 and is classified as structurally deficient. The bridge has a posted load restriction. This single span, 49 foot long, 25 foot wide bridge will be replaced with a 32 foot wide, prestressed box beam to provide for both vehicular and pedestrian traffic. Funded through separate project fund # 43241. Engineering costs of \$175k to be awarded in 2018. Right-of-way acquisition and construction in 2019. A SIB loan will be applied for to expedite the project. CEAO funding will be used to repay the loan once available. CID 2017-231
Total: Bridge Improvements	\$2,405,000		\$4,782,000	



2018 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
Highway Engineering Projects				
Landslide Mitigation	\$100,000	MVGT	\$600,000	Provide on-going assessment of current landslide hazards and begin emergency repairs of landslide damage as needed.
Pavement, Culvert & Ditch Maintenance				
Annual Roadway Maintenance	\$300,000	MVGT	\$1,800,000	This program is a combination of road maintenance and safety projects that affect the structural strength of the roadway. Included are crack sealing (\$100,000) CID YYYY-106, asphalt rejuvenation (\$50,000) CID YYY-105, and pavement marking (\$150,000) CID YYYY-107/108.
Annual Roadway Resurfacing	\$3,000,000 \$360,000	MVGT OPWC	\$18,360,000	This program is a combination of resurfacing projects that affect the structural strength of the roadway. Included are 448 Asphalt (Hot Mix) CID YYYY-101, 405 Asphalt (Motor Paving) CID YYYY-100, and 422/409 (Chip Seal) CID YYYY-104. Resurface SCE roads in order to maintain a PCI of at least 68. OPWC money will be used toward Wheatley Rd (2018).
Culvert Replacement Program	\$180,000	MVGT	\$1,555,000	The installation and/or removal and replacement of storm sewer, ditch, and pavement to prevent flooding and damage to roads in various locations throughout the county. Project areas determined by condition from prior year's inspection and are based upon culvert condition. Phasing in additional funding until the program can be fully funded. The 2018 program includes 2 culverts along Turkeyfoot Lake Rd.



2018 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Intersection Improvements	\$125,000	MVGT	\$750,000	Safety and traffic control improvements at existing intersections throughout the County. Includes force account and contractor work as needed.
Medina Line Road Part 2	\$743,600 \$225,900	AMATS MVGT	\$969,500	Work is to include pavement repairs, shoulder restoration and resurfacing and pavement markings. By agreement with Medina County, Summit County is the maintaining agency for this portion of the highway. The federal share is to cover the portion of the highway in both Summit and Medina County. Summit County will pay the local share of the project. 1.36 miles CID 2017-232 PID 103085
Regional Stormwater	\$100,000	GF CIP	\$600,000	Design and construction of Regional Detention Basins as a method of capturing flood waters, holding them, and slowly releasing them to avoid catastrophic damage to downstream areas. Clearing of debris from county ditches, streams and channels. Preparation of studies and estimates for potential assessed projects. Repair and maintenance of County non-petition ditches. Preparation and administration of the NPDES reporting to the EPA.
Sewer Video/Cleaning/Repair Program	\$75,000	MVGT	\$575,000	Annual Task Order for our enclosed systems to clean out our existing roadway storm sewers, perform video inspection to assess the conditions of storm sewers within county road rights-of-way and rate their condition to determine necessary repairs.
Roadway Construction Projects				
Boston Mills Rd Slide Mitigation	\$250,000	Federal Funds	\$310,000	Approved for Federal Land Access Program (FLAP) funding. This project is a soil survey and the land survey to determine what options are available to stabilize the numerous landslides. CID 2017-250
	\$60,000	MVGT		



2018 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Boston Mills Road Phase 2	\$40,000	MVGT	\$600,000	Resurface a portion of Boston Mills Rd from western end of project completed as Phase 1 (1200 ft. west of Riverview Rd) to Blue Hen Falls. Pavement improvements include milling, base repairs, ditching, catch basin reconstruction, resurfacing, shoulder reconstruction, pavement marking, and guardrail improvements. This project will provide a pedestrian friendly pathway from the parking facility at Riverview Rd intersection to Blue Hen Falls. CID 2017-249
Canton Road Improvements	\$2,233,929 \$2,976,830	AMATS Federal Funds	\$7,010,759	Implementing countermeasures recommended by a safety study (8-29-2006) prepared by the Summit County Engineer and approved by ODOT to improve the safety and operation of Canton Road between Sanitarium Road and Waterloo Road. The project includes widening Canton Road to 5 lanes, traffic signal upgrades, replacement of curb and gutters, construction of sidewalk/bike path, concrete sidewalks, storm sewers, replacing box culvert, pavement repairs, resurfacing, pavement marking and traffic signs. Design construction started in 2007 and construction contracts will be awarded in 2018. The project is estimated for completion 2019. CID 2017-238 (PID 89113)
Catch Basin Rebuild Program	\$900,000 \$900,000 \$50,000	MVGT ODOT MVGT	\$300,000	Approximately 30 basins along S.Main and Olde 8 proposed for 2018. CID YYYY-115
Cleveland-Mass. Copley Circle	\$300,000	Federal Funds	\$1,800,000	This is an ODOT sponsored, ODOT designed, and ODOT awarded project to add an east bound left turn lane and a southbound right turn lane at the intersection of Cleveland Massillon Road and Copley Road (SR 162) in Copley Township at the west end of the Copley Circle. The County is responsible for the Local share portion of the federal funding for work on Cleveland Massillon Road outside of the ODOT



2018 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Cleveland-Mass. Ghent Road	\$15,000 \$500,000	MVGT Other Local	\$515,000	right of way. CID 2017-246 (PID 103171) Revise the existing "Y" shaped intersection into a "T" type intersection and add a north bound to east bound right turn lane. Relocate utility lines, and reconstruct the existing traffic signal installation. Bath Township has agreed to fund \$50,000 toward design and \$50,000 to construction. Fairlawn is expected to provide \$200,000 toward the project and \$200,000 to be provided by private sources. A Federal STBG application for \$400,000 is pending. CID 2017-209
Cleveland-Mass. Rd Resurfacing	\$50,000 \$50,000	MVGT Other Local	\$310,000	From 600 feet south of Commercial Drive to SR 18, a distance of 0.35 miles, mill and fill the existing multilane portion of Cleveland Massillon Road. This section of the highway is approximately evenly divided between the City of Fairlawn and Copley Township. SCE will pay our proportion of the local funds required. Fairlawn will take the lead and apply for the STBG resurfacing funds, the preparation of the plans and the bidding, awarding and construction of the project. CID 2017-245
Community Partnerships	\$50,000	MVGT	\$1,300,000	County participation in community administered OPWC approved projects and transportation related economic development projects.
W. Bath Road Landslide Mitigation	\$175,000	MVGT	\$175,000	Engineering Services for design of repair to the West Bath Road Landslide. Future construction costs to be identified through the study. CID 2017-248
Total: Road & Ditch Improvements	\$13,760,259		\$37,530,259	



ENVIRONMENTAL IMPROVEMENTS



2018 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
DSSS				
Pump Station Improvements				
GP 250 Upgrade (eng)	\$75,000	Sewer Funds	\$75,000	Inflow and Infiltration Study and replacement of grinder pump with a regional pump station
PS 123 Improvements (force main eval, eng and cons)	\$200,000	OWDA	\$200,000	Cleaning the holding tank, updating and automating the surge station and tank (new valves, controls, instrumentation, and possible piping re-alignment). The designing, programming and installation will be performed by others.
PS 19 Replacement (cons)	\$1,840,000	WPCLF	\$1,840,000	Replacement and relocation of the existing 750 GPM pump station, realignment of the force main, and possible construction of a gravity sewer flowing to the Season's Road Pump Station. The existing pump station is prone to flooding during wet-weather events due to overflow from Wyoga Lake. Existing pump station structure and equipment are at the end of their useful lives (constructed in 1966). An alternate design will be evaluated which could direct the flow from the service area for the pump station from the Mudbrook Trunk, which flows to Akron, to County-owned sewers to ultimately be treated at our Fishcreek Plant. This change will require an agreement with Akron and a modification to the 208 Facilities Plan.
PS 29 Replacement (cons)	\$300,000	OWDA	\$300,000	Replacement of pump station due to poor condition/end of useful life.
PS 3 Upgrade and Force Main Rehab/Realignment (cons)	\$55,000	Sewer Funds	\$55,000	Replacement 1,950 L.F. of a 6" force main. An alternative consisting of redirecting the flow from PS105 to PS3, changing the pumps in PS3 then redirecting its flow to the PS105 force main will also be investigated.



2018 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
PS 30 Rehabilitation Ph 1(eng)	\$100,000	Sewer Funds	\$100,000	Replacement of equipment & rehabilitation of pump station due to end of life & repeated failure of various equipment.
PS 30 Rehabilitation Ph1 (cons)	\$300,000	Sewer Funds	\$300,000	Replacement of equipment & rehabilitation of pump station due to end of life & repeated failure of various equipment.
PS 36 Replacement (cons)	\$1,200,000	OWDA	\$1,200,000	Rehab/replacement of electrical motors and pumps to attain proper/necessary pumping rate 250 gpm. These repairs are in lieu of replacement of 12,400 L.F. of 8" and 12" VCP. Improvement is necessary due to surcharging at the pump station which result in overflows within the gravity collection system
PS 46 Rehabilitation (cons)	\$45,000	Sewer Funds	\$45,000	Replacement of major equipment and other components due to poor condition/end of life. The station was installed in 1976. Design engineering to be done in house.
PS 54 and 67 Improvements, pump rplcmnts (cons)	\$115,000	Sewer Funds	\$115,000	Installation of an additional pump to equip pump station per original design.
PS 6 Pump Replace, Electrical, Flow Meter, Roof (cons)	\$2,400,000	OWDA	\$2,400,000	Replacement of all main pumps (3), an upgrade of the electrical service, and the installation of a flow meter for the pump station located at 5246 Hudson Drive. The new pumps will increase the capacity and GPM of the pump station. This also includes PS13 redirection of flow. The work also includes the replacement of the roofs on 3 buildings at this location, replacement of the waterline & other piping in the drywell, and the evaluation of connecting the PS 13 force main directly into the PS 6 force main. The increased capacity will provide the required velocity through the force main. This includes a PS 13 force main extension and re-alignment.
PS 62, 63 & PS 82 Improvements (eng)	\$90,000	Sewer Funds	\$90,000	Repair/replacement of tops or construction of structure to eliminate infiltration of storm water: potential solution similar to repairs recently performed at PS 72



2018 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
PS 75 Electrical Improvement (cons)	\$60,000	Sewer Funds	\$60,000	Replacement of various electrical components due to end of life/repetitive failures
PS 81 Force Main Replace & Realignment (eng)	\$100,000	Sewer Funds	\$100,000	Replacement of force main and realignment to remove it from the Summit Racing parking lot where there have been numerous breaks in the force main over the last 5 years.
Pump Stations ARC Flash Evaluation	\$300,000	Sewer Funds	\$300,000	Classification of degree of hazard of electrical exposure, classification and labeling of electrical components. OSHA required.
Sewer System Improvements				
Baumberger St Collection System Repairs (eng)	\$80,000	Sewer Funds	\$80,000	Replacement of sections of pipe due to poor structural condition; issue with inflow and infiltration. Resident Shrewsbury has had multiple WIB.
Broadledge Sewer Repair/Replacement (cons)	\$200,000	Sewer Funds	\$200,000	Replacement of an older section of sewer consisting of 851 ft. of 8" pipe (in a backyard easement). Requires frequent cleaning and root removal. Remedial action will be to line and/replace defective sections. An alternative solution of privately owned grinder pumps to allow abandonment of existing line and pumping of flows to a gravity sewer will be evaluated. Possible individual grinders to sewer in front of house and abandon existing line.
Cleveland Ave (SR 532) Trunk Sewer, developer driven (eng)	\$100,000	OWDA	\$100,000	Construction of a new trunk sewer to permit gravity sewer service to the golf course development in Mogadore and numerous other businesses along or near the stream.
Clinton Sewer Sys Capacity - Canal Fulton WWTP	\$140,000	Sewer Funds	\$140,000	Purchase of 133,000 GPD in Canal Fulton's WWTP. Stark County owns excess capacity in the WWTP and has agreed to sell capacity to DSSS. This capacity will be used to provide sanitary sewer services to the Village of Clinton & Luna Lake This cost will be recovered through assessments. This project will generate new growth/customers.



2018 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Clinton Sewer System (eng)	\$75,000	Sewer Funds	\$75,000	Construction of a trunk sewer and low pressure collection system sewers necessary to serve the southwest portion of Summit County surrounding Luna Lakes and the Village of Clinton.
Crow Berkshire I&I Elimination Study (eng)	\$185,000	Sewer Funds	\$185,000	Replacement and/or "slip-lining" of various collection system sewers. When possible, sewer system improvements will be performed in conjunction with efforts by the County and/or municipalities for storm water and roadway improvements.
Hillstock Trunk Sewer Rehab/Replacement (eng)	\$100,000	OWDA	\$100,000	Replacement and "upsizing" of 1,528 L.F. of 8" and 12" trunk with new 12" to 21" PVC sewer located northeast of the intersection of SR224 and SR91. The replacement of the sewer trunk line is necessary to address capacity issues and to accommodate expansion of the City of Akron JEDD sewers.
Hines Hill Trunk Sewer Replacement (eng)	\$300,000	OWDA	\$300,000	Clean, inspect, and perform conditional assessment on 9,700 L.F. of 8" and 12" VCP.
Hudson SSO Elim- OEPA Cons Order, Area J (cons)	\$2,000,000	OWDA	\$2,000,000	Repairs and replacement mandated by OEPA Consent Order; this consists of 10,700 L.F. of sewer. Project will require public and private side improvements with the estimated costs to be public side improvements only.
Indian Creek Exposed Sewers Repair / Abandonment (cons)	\$500,000	OWDA	\$500,000	Erosion of the creek bed in Indian Creek has uncovered four different sanitary sewer lines that cross the creek. This project will install protection for those lines. This may be a joint project with the City of Macedonia. There is also culvert on Sioux Lane that needs replacing.
Inverness Trunk, Wyoga Lake to Railroad (eng)	\$200,000	Sewer Funds	\$200,000	Replacement, upsizing and repair of the Inverness trunk sewer from the Wyoga Lake trunk to the east. Install 2,100 LF or 16" PVC pipe. This project is not dependent on the replacement of PS#19.
Little Cuyahoga Valley Interceptor Master Meter (land acqu & cons)	\$50,000	Sewer Funds	\$50,000	Construction of a sewage master meter for billing purposes on the Little Cuyahoga River trunk sewer that serves Mogadore and Springfield Township. Design in house



2018 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Mogadore Idella Street Sewer System Rehab	\$65,000	Sewer Funds	\$65,000	Rehab/replacement of failing sewers installed between 1920-1940. DSSS partnering with the City to receive OPWC funding
Mudbrook Trunk Bar Screen Landslide Stabn Phase 2 (cons)	\$680,000	OWDA	\$680,000	Repair/stabilization of 3 separate landslide areas. The landslide areas are over the trunk and represent a potential failure or break in the Mudbrook Trunk.
Mudbrook Trunk Collection System I&I Elim	\$100,000	WPCLF	\$1,700,000	Repair/rehab of DSSS sewers and elimination of "clean water"/illegal private lateral connection to eliminate inflow and infiltration. The top 3 of 26 sub-systems identified in the modeling and inspection of the Mudbrook system will be addressed. 2018 expense is for micro-metering and home inspection. Micro metering only in 2018.
New Franklin 2A Manchester Rd , Central (eng)	\$165,000	WPCLF	\$165,000	New Growth. Assessed project. Construction of new dual force mains and collection system with flow going to Barberton WWTP.
New Franklin 3 Turkeyfoot Lake Coll Sys (eng)	\$420,000	WPCLF	\$420,000	New Growth. Assessed project. Construction of a new pump station and collection system to serve a portion of New Franklin. All flow will be pumped to the Barberton WWTP.
New Franklin 5 Renninger Rd Coll Sys (eng))	\$375,000	WPCLF	\$375,000	New Growth. Assessed project. Construction of a new sanitary sewer trunk with flow going to the Barberton WWTP.
New Franklin Contract 1 Zelray Park PS (cons)	\$7,000,000	WPCLF	\$7,000,000	Abandonment of existing WWTP and construction of a new regional pump station. Existing flow from current customers and future flows from new customers will be transported and treated by Barberton WWTP. Some costs will be recovered through assessments over a 20 year period.
Old Home Ditch Repair of Exposed Sewers (cons)	\$500,000	OWDA	\$500,000	Erosion of the creek bed in the creek has uncovered a sanitary sewer line which crosses the creek. This project will install protection for those lines.
PS 19 Collection System I&I Evaluation / Study	\$50,000	Sewer Funds	\$50,000	Evaluation and analysis of the amounts of inflow and infiltration in the collection system. Results will be used for planning future capital projects.



2018 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
State Route 619 SSE to East Liberty Park (cons)	\$605,000	Sewer Funds	\$605,000	Construction/extension of approx 2,200 LF of gravity sewer on SR619 to serve commercial properties and East Liberty Park.
Stow Gorge Replacement Ph1 (cons)	\$660,000	WPCLF	\$660,000	Replacement of approximately 2,100 ft. of gravity sewer that was installed in 1923. Pipe material is clay and cast iron; sizes range from 8" to 20". The location is near the southeast corner of Kent Road and Darrow Road, adjacent to Adell Durbin Park.
Various Sanitary Sewer Repairs, Q455 (cons)	\$1,120,000	OWDA	\$1,120,000	Replacement of gravity trunk sewer. Pipe material is cast/ductile iron; sizes range from 8" to 20". Includes SR 82 & Luna's Lateral at Strip Mall Line Replacement Includes Olde SR8 Haskel Marhofer sanitary sewer improvement.
WWTP Improvements				
Plant 13 Norton Acres Abandonment (cons OPWC City of Barberton)	\$50,000	Sewer Funds	\$50,000	Participation with the City to abandon an existing treatment plant; DSSS participation in funding will be reimbursed.
Plant 25 Fishcreek PLC upgrades	\$75,000	Sewer Funds	\$75,000	Six PLCs in the SCADA network use DH+ for communication; the protocol is no longer supported. Will convert to ethernet & replace panelview HMI's.
Plant 25 High Voltage Loop	\$60,000	Sewer Funds	\$60,000	Replacement of a curtail power source/loop due to age/deterioration.
Plant 29 Aurora Shores Abandonment (cons)	\$1,870,000	WPCLF	\$1,870,000	Demolition and abandonment of Plant 29 and construction of a pump station redirecting the flow into the Twinsburg WWTP. Tanks and equalization will be retained.
Plant 32 I&I Elim, private side (cons)	\$240,000	Sewer Funds	\$240,000	Repair/elimination of "clean water"/illegal lateral connection to eliminate inflow and infiltration during a wet weather event. 120 connections with financial participation by DSSS. Total project cost is estimated to be \$600,000. DSSS participation is \$2,000/connection or 40%
Plant 36 Upper Tusc RBC Abandonment (cons)	\$12,500,000	WPCLF	\$12,500,000	Abandonment of 32 Rotating Biological Contactors (RBC) and replacement of this process with the construction of a new secondary process.



2018 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Plant 36 Upper Tusc Sludge Pond Removal	\$400,000	Sewer Funds	\$800,000	Removal of sludge and solid waste per the OEPA Director's findings and orders; work to be performed in house.
Total: Environmental Improvements	\$38,045,000		\$40,045,000	

County of Summit · The High Point of Ohio



2018-2023 PLAN



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Summary

<u>CATEGORY</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>
Computer Systems & Equipment	\$1,596,870	\$860,000	\$697,000	\$476,000	\$425,000	\$500,000	\$4,554,870
Economic Development	\$935,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$1,110,000
Environmental Improvements	\$38,045,000	\$24,486,000	\$23,457,000	\$15,814,000	\$25,312,000	\$31,075,000	\$158,189,000
Facility Improvements	\$5,603,451	\$18,140,889	\$2,135,000	\$455,000	\$255,000	\$255,000	\$26,844,340
Road & Bridge Improvements	\$16,165,259	\$11,120,500	\$8,518,200	\$12,147,000	\$10,401,000	\$9,388,500	\$67,740,459
Vehicles	\$1,269,180	\$720,000	\$722,500	\$503,000	\$600,000	\$600,000	\$4,414,680
TOTAL	\$63,614,760	\$55,362,389	\$35,564,700	\$29,430,000	\$37,028,000	\$41,853,500	\$262,853,349



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Sources and Uses

<u>FUNDING SOURCE</u>	<u>COMPUTER SYSTEMS AND EQUIPMENT</u>	<u>ENVIRONMENTAL IMPROVEMENTS</u>	<u>FACILITY IMPROVEMENTS</u>	<u>ROADS AND BRIDGES</u>	<u>ECONOMIC DEVELOPMENT</u>	<u>VEHICLES</u>	<u>TOTAL</u>
AMATS				\$15,912,729			\$15,912,729
CEAO				\$3,342,800			\$3,342,800
Computer Funds	\$362,000						\$362,000
DJFS	\$30,000		\$175,000				\$205,000
Federal Funds				\$5,763,830			\$5,763,830
GF CIP	\$554,625		\$8,301,194	\$600,000	\$210,000	\$90,000	\$9,755,819
GO Debt			\$5,185,816				\$5,185,816
Insurance Ret						\$95,000	\$95,000
LAB Fund	\$118,000						\$118,000
MVGT	\$1,427,000		\$975,000	\$39,566,600		\$1,850,000	\$43,818,600
ODOT				\$1,400,000			\$1,400,000
ODRC			\$188,530				\$188,530
OPWC				\$360,000			\$360,000
OWDA		\$23,550,000					\$23,550,000
Other Local	\$99,245		\$213,800	\$794,500	\$900,000	\$60,000	\$2,067,545
Permanent Imp			\$1,060,000				\$1,060,000
Probation Fees	\$100,000					\$67,000	\$167,000
REA Funds	\$12,000					\$75,000	\$87,000
Rotary Fund						\$85,000	\$85,000
Sewer Funds	\$652,000	\$9,271,000	\$670,000			\$2,092,680	\$12,685,680
Special Projects	\$1,200,000		\$75,000				\$1,275,000
WPCLF		\$125,368,000	\$10,000,000				\$135,368,000
TOTAL	\$4,554,870	\$158,189,000	\$26,844,340	\$67,740,459	\$1,110,000	\$4,414,680	\$262,853,349



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Boston (North) Station								
Facility Improvements	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	MVGT
South Street								
Facility Improvements	\$100,000	\$175,000	\$50,000	\$250,000	\$50,000	\$50,000	\$675,000	MVGT
Executive								
Department of Sanitary Sewer Services								
Plant 25 Fishcreek & Plant 36 Upper Tusc WIFI			\$100,000				\$100,000	Sewer Funds
Plant 25 Fishcreek Data Center Fire Suppress	\$25,000						\$25,000	Sewer Funds
Plant 36 Upper Tusc Influent Building Imp	\$20,000						\$20,000	Sewer Funds
Plant 36 Upper Tusc Storage Building Imp	\$30,000						\$30,000	Sewer Funds
Plant 36 Upper Tusc Tertiary Bldg Roof	\$120,000						\$120,000	Sewer Funds
Vehicle Maintenance Garage (cons)		\$10,000,000					\$10,000,000	WPCLF
Vehicle Maintenance Garage (eng)	\$375,000						\$375,000	Sewer Funds
General Government								
Animal Control Facility								
General Repairs and Maintenance	\$15,000	\$70,000	\$10,000	\$10,000	\$10,000	\$10,000	\$125,000	Permanent Imp
Install Boilers		\$160,000					\$160,000	GF CIP
Paving and EIFS Repairs		\$60,000					\$60,000	GF CIP



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Board of Elections								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Imp
Generator Improvement	\$30,000						\$30,000	GF CIP
Parking Lot Upgrade	\$60,000						\$60,000	GF CIP
	\$106,658						\$106,658	GO Debt
Signage Improvement	\$10,000						\$10,000	GF CIP
Community Based Corrections Facility								
Men & Women's CBCF Repair	\$188,530						\$188,530	ODRC
Court of Appeals								
Ninth District Court of Appeals Relocation	\$2,000,000						\$2,000,000	GF CIP
Edwin Shaw Property								
General Maintenance & Upkeep	\$10,000						\$10,000	GF CIP
Jobs and Family Services								
General Repairs and Maintenance	\$175,000						\$175,000	DJFS
Medical Examiner								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Imp
HVAC Equipment & Controls Upgrade	\$300,000						\$300,000	GF CIP
Ohio Building								
General Repairs and Maintenance	\$40,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$90,000	Permanent Imp
Replace Simplex Panel		\$30,000					\$30,000	GF CIP
Roof Replacement		\$150,000					\$150,000	GF CIP
Russ Pry Building								
Insurance Department Office Buildout	\$200,000						\$200,000	GF CIP
Summit Center								
General Repairs and Maintenance	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$70,000	Permanent Imp



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Summit County Parking Deck								
Expansion Joint Repair	\$50,000	\$100,000					\$150,000	GF CIP
General Repairs and Maintenance	\$35,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$85,000	Permanent Imp
Recoat Deck on Levels 1 and 2		\$130,000					\$130,000	GF CIP
Tallmadge Avenue Facility								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Imp
Veterans Service Bldg.								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Imp
Judicial and Public Safety								
Consolidated Dispatch								
NextGen 911 Dispatch Center		\$5,000,000					\$5,000,000	GO Debt
Domestic Relations Court/Clerk of Courts								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Imp
Juvenile Court and Detention Center								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Imp
Partial Roof Replacment	\$100,000						\$100,000	GF CIP
Replace UPS System	\$50,000						\$50,000	GF CIP
Seal Coat Parking Lot		\$20,000					\$20,000	GF CIP
Safety Building								
Elevator and Fire Alarm Modernization	\$79,158						\$79,158	GO Debt
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Imp



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Sheriff								
Training Facility Storage Building	\$133,800						\$133,800	Other Local
Training Facility Upgrades	\$40,000						\$40,000	GF CIP
	\$80,000						\$80,000	Other Local
Summit County Courthouse								
Annex Roof and Courthouse Shingle Replacement			\$180,000				\$180,000	GF CIP
Façade Cleaning and Repair	\$100,000						\$100,000	GF CIP
Fire Alarm Panel Upgrade	\$50,000						\$50,000	GF CIP
General Repairs and Maintenance	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	Permanent Imp
HVAC Controls Upgrade		\$600,000					\$600,000	GF CIP
Interior Stair Repair			\$100,000				\$100,000	GF CIP
Law Library & Jury Pool Renovation	\$100,000						\$100,000	GF CIP
Probate Renovation	\$15,000						\$15,000	Special Projects
Refinish Courtroom Wood Panelling	\$60,000						\$60,000	Special Projects
Renovate Grand Jury Room		\$40,000					\$40,000	GF CIP
World War II Veterans Plaques	\$50,000						\$50,000	GF CIP



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Summit County Jail								
Cooling Tower Replacement	\$200,000						\$200,000	GF CIP
General Repairs and Maintenance	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	Permanent Imp
HVAC Improvements		\$1,000,000					\$1,000,000	GF CIP
Housing Unit Classrooms and Lobby Kiosk		\$200,000					\$200,000	GF CIP
Housing Unit Fencing	\$150,000						\$150,000	GF CIP
Jail Cameras	\$320,305						\$320,305	GF CIP
Jail Padded Cells		\$27,900					\$27,900	GF CIP
Pod Lighting Upgrade		\$120,000					\$120,000	GF CIP
Pod Table Replacement		\$62,989					\$62,989	GF CIP
Roof Replacement			\$1,500,000				\$1,500,000	GF CIP
Total: Facility Improvements	\$5,603,451	\$18,140,889	\$2,135,000	\$455,000	\$255,000	\$255,000	\$26,844,340	



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Economic Development

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Executive								
Economic Development								
Canal Way Development & Trail Plan - Grant Prog	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$210,000	GF CIP
Firestone Industrial Park Infrastructure Develo	\$900,000						\$900,000	Other Local
Total: Economic Development	\$935,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$1,110,000	



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Equipment-Maintenance Department								
Heavy Equipment	\$150,000	\$250,000	\$350,000	\$140,000	\$225,000	\$300,000	\$1,415,000	MVGT
General Government								
Medical Examiner								
Electro Mechanical Autopsy Tables	\$15,000	\$15,000	\$15,000				\$45,000	LAB Fund
GCMS System Replacement	\$73,000						\$73,000	LAB Fund



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Information Technology								
Hardware & Software								
Appraisal Software Upgrade	\$100,000	\$100,000	\$100,000	\$100,000			\$400,000	GF CIP
Banner Upgrade to Version 9	\$60,000						\$60,000	GF CIP
F&E KioskPro Hardware & Software	\$18,000						\$18,000	GF CIP
	\$18,000						\$18,000	Other Local
	\$18,000						\$18,000	Sewer Funds
Forensic Advantage	\$40,625						\$40,625	GF CIP
	\$81,245						\$81,245	Other Local
Hardware Modem Replace for PS Telemetry			\$32,000	\$36,000			\$68,000	Sewer Funds
Hardware Plant 25 & 36 Access Control/ Security	\$45,000	\$45,000					\$90,000	Sewer Funds
Hardware VDI	\$100,000						\$100,000	Sewer Funds
SCADA replacement		\$250,000					\$250,000	Sewer Funds
Server Platform HP Flex Capacity	\$12,000						\$12,000	Computer Funds
	\$30,000						\$30,000	DJFS
	\$36,000						\$36,000	GF CIP
	\$12,000						\$12,000	MVGT
	\$12,000						\$12,000	REA Funds
	\$18,000						\$18,000	Sewer Funds
Software CUBIC ebills and credit card payments	\$23,000						\$23,000	Sewer Funds
Software Cityworks PLL / Permitting Module for	\$85,000						\$85,000	Sewer Funds
Judicial and Public Safety								
Clerk of Courts								
Clerk's Case Management System Module Expansion	\$200,000						\$200,000	Computer Funds



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Common Pleas Court-Adult Probation Computer Equipment Replacement	\$100,000						\$100,000	Probation Fees
Common Pleas Court-General Division Computer Equipment Replacement	\$150,000						\$150,000	Computer Funds
Courtroom Technology	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	Special Projects
Total: Computer Systems & Equipment	\$1,596,870	\$860,000	\$697,000	\$476,000	\$425,000	\$500,000	\$4,554,870	



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Vehicles

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Maintenance Department								
Dump Plows	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$1,380,000	MVGT
Ford 150 Pick Ups	\$120,000	\$110,000	\$60,000	\$60,000	\$60,000	\$60,000	\$470,000	MVGT
Executive								
Sanitary Sewer Services								
CCTV Truck				\$60,000			\$60,000	Sewer Funds
Ford 15 Ton Dump Truck		\$200,000					\$200,000	Sewer Funds
Ford 150 Pick Ups	\$14,319	\$60,000		\$60,000		\$60,000	\$194,319	Sewer Funds
Ford Back Hoe	\$90,000						\$90,000	Sewer Funds
Ford Cut Away Fan (Cctv)						\$50,000	\$50,000	Sewer Funds
Ford F250 Pick Ups	\$5,999						\$5,999	Sewer Funds
Ford F350 Transit	\$20,022						\$20,022	Sewer Funds
Ford F550 / I Ton Dump		\$60,000					\$60,000	Sewer Funds
Ford F550 Utility Truck	\$8,567						\$8,567	Sewer Funds
GMC 1500 Pick Ups	\$4,773						\$4,773	Sewer Funds
International Tank Truck	\$200,000		\$200,000			\$200,000	\$600,000	Sewer Funds
Trailer, Cons			\$50,000				\$50,000	Sewer Funds
Trailer, Dump			\$100,000				\$100,000	Sewer Funds
Trailer, Equipment					\$10,000		\$10,000	Sewer Funds
Trailers (2), Sludge Hauling					\$300,000		\$300,000	Sewer Funds
Vac Con	\$60,000		\$60,000				\$120,000	Sewer Funds
Vactor Sewer Cleaning Truck				\$70,000			\$70,000	Sewer Funds
Western Star Semi Tractor	\$149,000						\$149,000	Sewer Funds



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Vehicles

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
General Government								
Fiscal - Appraisal Department Passenger Vehicles	\$75,000						\$75,000	REA Funds
Fiscal - Weights & Measures Box Truck	\$60,000						\$60,000	Other Local
Judicial and Public Safety								
Common Pleas Court-Adult Probation Passenger Vehicles	\$21,500		\$22,500	\$23,000			\$67,000	Probation Fees
Sheriff								
3 Community Rotary Patrol Vehicles	\$85,000						\$85,000	Rotary Fund
5 Unmarked Vehicles	\$95,000						\$95,000	Insurance Ret
Prisoner Transport Vans	\$30,000	\$60,000					\$90,000	GF CIP
Total: Vehicles	\$1,269,180	\$720,000	\$722,500	\$503,000	\$600,000	\$600,000	\$4,414,680	



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Bridge Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Bridge Engineering and Construction Projects								
Bath Road Bridge				\$780,000			\$780,000	CEAO
		\$230,000		\$195,000			\$425,000	MVGT
Brandywine Rd over Brandywine Creek		\$80,000		\$800,000			\$880,000	MVGT
Bridge Repair/Rehabilitations	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$750,000	MVGT
Bridge Waterproofing	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	MVGT
High Level Bridge Maintenance		\$1,015,000					\$1,015,000	MVGT
Home Avenue Bridge	\$1,187,200						\$1,187,200	AMATS
	\$296,800						\$296,800	MVGT
Kent St Bridge Removal		\$50,000	\$150,000				\$200,000	MVGT
N. Main over Howard St.	\$546,000						\$546,000	MVGT
Riverview Rd Bridge - Cuy Falls		\$20,000	\$1,031,200				\$1,051,200	CEAO
		\$5,000	\$257,000				\$262,000	MVGT
Riverview Rd over Yellow Creek	\$50,000	\$150,000	\$700,000				\$900,000	MVGT
Steels Corners Road Bridge					\$100,000		\$100,000	MVGT
Wright Road Bridge		\$621,600					\$621,600	CEAO
	\$175,000	\$155,400					\$330,400	MVGT
Total: Bridge Improvements	\$2,405,000	\$2,477,000	\$2,288,200	\$1,925,000	\$250,000	\$150,000	\$9,495,200	



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Highway Engineering Projects								
Landslide Mitigation	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	MVGT
Rail Road Crossings				\$200,000			\$200,000	MVGT
Traffic Signal Improvements		\$125,000					\$125,000	MVGT



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Pavement, Culvert & Ditch Maintenance								
Akron Cleveland Road					\$700,000		\$700,000	AMATS
		\$75,000		\$10,000	\$229,500		\$314,500	MVGT
Annual Roadway Maintenance	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,800,000	MVGT
Annual Roadway Resurfacing	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$18,000,000	MVGT
	\$360,000						\$360,000	OPWC
Cleveland Massillon Rd Part 1					\$700,000		\$700,000	AMATS
			\$150,000	\$20,000	\$530,000		\$700,000	MVGT
Cleveland Massillon Rd Part 2					\$700,000		\$700,000	AMATS
				\$85,000	\$446,500		\$531,500	MVGT
Culvert Replacement Program	\$180,000	\$200,000	\$250,000	\$275,000	\$300,000	\$350,000	\$1,555,000	MVGT
Intersection Improvements	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$750,000	MVGT
Krumroy Road Part 1						\$700,000	\$700,000	AMATS
					\$145,000	\$362,000	\$507,000	MVGT
Krumroy Road Part 2				\$700,000			\$700,000	AMATS
			\$105,000	\$262,000			\$367,000	MVGT
Krumroy Road Part 3				\$400,000			\$400,000	AMATS
			\$85,000	\$100,000			\$185,000	MVGT
Medina Line Road Part 1						\$700,000	\$700,000	AMATS
					\$85,000	\$229,500	\$314,500	MVGT
Medina Line Road Part 2	\$743,600						\$743,600	AMATS
	\$225,900						\$225,900	MVGT
Olde Eight Part 1						\$700,000	\$700,000	AMATS
					\$105,000	\$198,500	\$303,500	MVGT
Olde Eight Part 2						\$997,600	\$997,600	AMATS
					\$50,000	\$259,400	\$309,400	MVGT
Portage Lakes Drive		\$161,200					\$161,200	AMATS
		\$60,300					\$60,300	MVGT



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Ravenna Road Part 1					\$700,000		\$700,000	AMATS
				\$85,000	\$220,000		\$305,000	MVGT
Ravenna Road Part 2					\$400,000		\$400,000	AMATS
				\$85,000	\$100,000		\$185,000	MVGT
Regional Stormwater	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	GF CIP
Sewer Video/Cleaning/Repair Program	\$75,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$575,000	MVGT
Valley View Road Part 1						\$300,000	\$300,000	AMATS
					\$85,000	\$75,000	\$160,000	MVGT
Valley View Road Part 2						\$265,200	\$265,200	AMATS
					\$40,000	\$76,300	\$116,300	MVGT



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Roadway Construction Projects								
Boston Mills Rd Slide Mitigation	\$250,000						\$250,000	Federal Funds
	\$60,000						\$60,000	MVGT
Boston Mills Road Phase 2			\$294,000				\$294,000	Federal Funds
	\$40,000		\$266,000				\$306,000	MVGT
Canton Road Improvements	\$2,233,929						\$2,233,929	AMATS
	\$2,976,830						\$2,976,830	Federal Funds
	\$900,000						\$900,000	MVGT
	\$900,000						\$900,000	ODOT
Canton Road Resurfacing		\$800,000					\$800,000	AMATS
		\$200,000					\$200,000	MVGT
Canton Road Sidewalks		\$224,000					\$224,000	AMATS
		\$56,000					\$56,000	MVGT
Catch Basin Rebuild Program	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	MVGT
Cleveland-Mass. Copley Circle	\$300,000	\$900,000					\$1,200,000	Federal Funds
		\$100,000					\$100,000	MVGT
		\$500,000					\$500,000	ODOT
Cleveland-Mass. Ghent Road	\$15,000						\$15,000	MVGT
	\$500,000						\$500,000	Other Local
Cleveland-Mass. Rd Resurfacing			\$175,000				\$175,000	Federal Funds
	\$50,000		\$17,500				\$67,500	MVGT
	\$50,000		\$17,500				\$67,500	Other Local
Cleveland-Mass. Rd Rock-cut		\$110,000	\$225,000				\$335,000	MVGT
Cleveland-Mass. Ridgewood			\$8,000	\$280,000			\$288,000	Federal Funds
		\$150,000	\$2,000	\$70,000			\$222,000	MVGT
Community Partnerships	\$50,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,300,000	MVGT
Countywide Guardrail Project				\$300,000			\$300,000	CEAO
Countywide Pavement Marking		\$150,000					\$150,000	CEAO



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Killian Rd Corridor					\$440,000		\$440,000	CEAO
Medina Line Road Part 3		\$580,000	\$125,000		\$50,000		\$175,000	MVGT
Portage Lakes Drive Needs Study		\$227,000					\$227,000	Federal Funds
Revere Road				\$500,000		\$100,000	\$100,000	Other Local
Smith Road			\$105,000	\$125,000			\$500,000	MVGT
Swartz Road			\$115,000	\$250,000			\$230,000	MVGT
W. Bath Road Landslide Mitigation	\$175,000		\$95,000	\$125,000			\$700,000	AMATS
White Pond Drive				\$500,000			\$365,000	MVGT
Yellow Creek Road			\$85,000	\$150,000	\$300,000		\$500,000	AMATS
			\$85,000	\$75,000			\$220,000	MVGT
				\$600,000			\$175,000	MVGT
			\$85,000	\$150,000			\$175,000	MVGT
				\$300,000			\$600,000	AMATS
				\$300,000			\$235,000	MVGT
				\$75,000			\$300,000	AMATS
							\$160,000	MVGT
Total: Road & Ditch Improvements	\$13,760,259	\$8,643,500	\$6,230,000	\$10,222,000	\$10,151,000	\$9,238,500	\$58,245,259	



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
DSSS								
Pump Station Improvements								
Chaffee Road Pump Station (new ps cons)						\$750,000	\$750,000	WPCLF
Chaffee Road Pump Station (new ps eng)					\$150,000		\$150,000	Sewer Funds
GP 250 Upgrade (cons)		\$500,000					\$500,000	OWDA
GP 250 Upgrade (eng)	\$75,000						\$75,000	Sewer Funds
PS 1 Roseland Estates Abandonment (cons)				\$250,000			\$250,000	Sewer Funds
PS 1 Roseland Estates Abandonment (eng)			\$65,000				\$65,000	Sewer Funds
PS 122 Improvements (cons)		\$60,000					\$60,000	Sewer Funds
PS 123 CVI Force Main Improvements (projects fr			\$325,000	\$325,000			\$650,000	OWDA
PS 123 Improvements (force main eval, eng and c	\$200,000						\$200,000	OWDA
PS 17 Rehabilitation (cons)			\$350,000				\$350,000	OWDA
PS 17 Rehabilitation (eng)		\$60,000					\$60,000	Sewer Funds
PS 19 Replacement (cons)	\$1,840,000						\$1,840,000	WPCLF
PS 23 Replacement (cons)			\$800,000				\$800,000	WPCLF
PS 23 Replacement (eng)		\$100,000					\$100,000	Sewer Funds
PS 29 Replacement (cons)	\$300,000						\$300,000	OWDA
PS 3 Upgrade and Force Main Rehab/Realignment (\$55,000						\$55,000	Sewer Funds
PS 30 Rehabilitation Ph 1(eng)	\$100,000						\$100,000	Sewer Funds
PS 30 Rehabilitation Ph1 (cons)	\$300,000						\$300,000	Sewer Funds
PS 30 Replacement Ph 2 (cons)						\$2,500,000	\$2,500,000	WPCLF
PS 30 Replacement Ph2 (eng)					\$200,000		\$200,000	WPCLF
PS 36 Replacement (cons)	\$1,200,000						\$1,200,000	OWDA
PS 46 Rehabilitation (cons)	\$45,000						\$45,000	Sewer Funds
PS 54 and 67 Improvements, pump rplcmnts (cons)	\$115,000						\$115,000	Sewer Funds
PS 6 Pump Replace, Electrical, Flow Meter, Roof	\$2,400,000						\$2,400,000	OWDA



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
PS 62, 63 & PS 82 Improvements (cons)		\$200,000					\$200,000	Sewer Funds
PS 62, 63 & PS 82 Improvements (eng)	\$90,000						\$90,000	Sewer Funds
PS 63 Improvements (cons)		\$250,000					\$250,000	Sewer Funds
PS 75 Electrical Improvement (cons)	\$60,000						\$60,000	Sewer Funds
PS 78 Force Main Replacement (cons, developer d			\$300,000				\$300,000	Sewer Funds
PS 78 Force Main Replacement (eng, developer de		\$80,000					\$80,000	Sewer Funds
PS 81 Force Main Replace & Realignment (cons)		\$750,000					\$750,000	OWDA
PS 81 Force Main Replace & Realignment (eng)	\$100,000						\$100,000	Sewer Funds
PS 90 Force Main Realignment (cons)						\$3,000,000	\$3,000,000	WPCLF
PS 90 Force Main Realignment (eng)					\$360,000		\$360,000	WPCLF
PS 95 Force Main Realignment (cons)						\$1,800,000	\$1,800,000	WPCLF
PS 95 Force Main Realignment (eng)					\$216,000		\$216,000	WPCLF
Pump Stations ARC Flash Evaluation	\$300,000						\$300,000	Sewer Funds



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
Sewer System Improvements								
Baumberger St Collection System Repairs (cons)		\$400,000					\$400,000	OWDA
Baumberger St Collection System Repairs (eng)	\$80,000						\$80,000	Sewer Funds
Broadledge Sewer Repair/Replacement (cons)	\$200,000						\$200,000	Sewer Funds
Cleveland Ave (SR 532) Trunk Sewer, developer d	\$100,000		\$500,000				\$600,000	OWDA
Clinton Sewer Sys Capacity - Canal Fulton WWTP	\$140,000						\$140,000	Sewer Funds
Clinton Sewer System (cons)		\$3,400,000	\$3,400,000				\$6,800,000	WPCLF
Clinton Sewer System (eng)	\$75,000						\$75,000	Sewer Funds
Crow Berkshire I&I Elimination (cons)			\$2,500,000				\$2,500,000	WPCLF
Crow Berkshire I&I Elimination Study (eng)	\$185,000						\$185,000	Sewer Funds
Fairland Road Collection System (cons)				\$1,850,000			\$1,850,000	WPCLF
Fairland Road Collection System (eng)			\$150,000				\$150,000	Sewer Funds
Hillstock Trunk Sewer Rehab/Replacement (cons)		\$500,000					\$500,000	OWDA
Hillstock Trunk Sewer Rehab/Replacement (eng)	\$100,000						\$100,000	OWDA
Hines Hill Trunk Sewer Replacement (cons)		\$2,000,000					\$2,000,000	OWDA
Hines Hill Trunk Sewer Replacement (eng)	\$300,000						\$300,000	OWDA
Hudson SSO Elim- OEPA Cons Order, Area J (cons)	\$2,000,000						\$2,000,000	OWDA
Hudson SSO Elim- OEPA Cons Order, Area L (cons)		\$2,500,000					\$2,500,000	OWDA
Indian Creek Exposed Sewers Repair / Abandonmen	\$500,000						\$500,000	OWDA
Inverness Trunk, Wyoga Lake to Railroad (cons)		\$750,000					\$750,000	OWDA
Inverness Trunk, Wyoga Lake to Railroad (eng)	\$200,000						\$200,000	Sewer Funds
Linwood Rd Collection System I&I Evaluation / S			\$100,000				\$100,000	Sewer Funds
Little Cuyahoga Valley Interceptor Master Meter	\$50,000						\$50,000	Sewer Funds
Little Cuyahoga Valley Interceptor Rehab/Replac		\$200,000	\$500,000		\$500,000	\$500,000	\$1,700,000	WPCLF
Manhole Rehabilitation Program (cons)		\$100,000	\$100,000	\$150,000	\$150,000	\$200,000	\$700,000	Sewer Funds
Mogadore Idella Street Sewer System Rehab	\$65,000						\$65,000	Sewer Funds
Mogadore Sewer System Rehabilitation (cons)		\$75,000	\$100,000	\$100,000	\$250,000	\$250,000	\$775,000	Sewer Funds
Mudbrook Trunk Bar Screen Landslide Stabn Phase	\$680,000						\$680,000	OWDA



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

DESCRIPTION	2018	2019	2020	2021	2022	2023	TOTAL 2018-2023 PLAN	FUNDING SOURCE
Mudbrook Trunk Cleaning (@ Waterworks Park)			\$150,000		\$150,000		\$300,000	Sewer Funds
Mudbrook Trunk Collection System I&I Elim	\$100,000		\$400,000		\$600,000	\$600,000	\$1,700,000	WPCLF
New Franklin 10 Upper Deck PS & Coll Sys (cons)					\$2,600,000		\$2,600,000	WPCLF
New Franklin 10 Upper Deck PS & Coll Sys (eng)				\$312,000			\$312,000	WPCLF
New Franklin 11 Kertesz Dr PS & Coll Sys (cons)						\$1,575,000	\$1,575,000	WPCLF
New Franklin 11 Kertesz Dr PS & Coll Sys (eng)					\$180,000		\$180,000	WPCLF
New Franklin 12 Yager Rd PS & Coll Sys (cons)						\$5,200,000	\$5,200,000	WPCLF
New Franklin 12 Yager Rd PS & Coll Sys (eng)					\$865,000		\$865,000	WPCLF
New Franklin 13 Pancake Creek Coll Sys (cons)						\$5,350,000	\$5,350,000	WPCLF
New Franklin 13 Pancake Creek Coll Sys (eng)					\$535,000		\$535,000	WPCLF
New Franklin 2A Manchester Rd , Central (cons)		\$1,100,000					\$1,100,000	WPCLF
New Franklin 2A Manchester Rd , Central (eng)	\$165,000						\$165,000	WPCLF
New Franklin 3 Turkeyfoot Lake Coll Sys (cons)			\$2,800,000				\$2,800,000	WPCLF
New Franklin 3 Turkeyfoot Lake Coll Sys (eng)	\$420,000						\$420,000	WPCLF
New Franklin 4 State Park Dr Vacuum Sta and Se			\$432,000	\$3,600,000			\$4,032,000	WPCLF
New Franklin 5 Renninger Rd Coll Sys (cons)			\$2,500,000				\$2,500,000	WPCLF
New Franklin 5 Renninger Rd Coll Sys (eng))	\$375,000						\$375,000	WPCLF
New Franklin 6 Manchester Rd PS & Coll Sys (co				\$6,652,000			\$6,652,000	WPCLF
New Franklin 6 Manchester Rd PS & Coll Sys (en			\$800,000				\$800,000	WPCLF
New Franklin 7A Vanderhoof PS & Coll Sys (cons		\$3,200,000					\$3,200,000	WPCLF
New Franklin 7B W Turkeyfoot Rd Coll Sys (cons					\$2,000,000		\$2,000,000	WPCLF
New Franklin 7B W Turkeyfoot Rd Coll Sys (eng)				\$300,000			\$300,000	WPCLF
New Franklin 8 W Nimisila PS & Coll Sys (cons)					\$4,000,000		\$4,000,000	WPCLF
New Franklin 8 W Nimisila PS & Coll Sys (eng)				\$750,000			\$750,000	WPCLF
New Franklin 9 Sweigart PS & Coll Sys, (cons)			\$1,760,000				\$1,760,000	WPCLF
New Franklin 9 Sweigart PS & Coll Sys, (eng)		\$176,000					\$176,000	WPCLF
New Franklin 2C Johns Rd Coll System (cons)						\$1,450,000	\$1,450,000	WPCLF
New Franklin 2C Johns Rd Coll System (eng)					\$250,000		\$250,000	WPCLF



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

DESCRIPTION	2018	2019	2020	2021	2022	2023	TOTAL 2018-2023 PLAN	FUNDING SOURCE
New Franklin Cons Manager		\$1,000,000					\$1,000,000	WPCLF
New Franklin Contract 1 Zelray Park PS (cons)	\$7,000,000						\$7,000,000	WPCLF
New Franklin Contract 13 Pancake Creek PS (cons)					\$2,000,000		\$2,000,000	WPCLF
New Franklin Contract 13 Pancake Creek PS (eng)				\$225,000			\$225,000	WPCLF
Old Home Ditch Repair of Exposed Sewers (cons)	\$500,000						\$500,000	OWDA
PS 13 Coll Sys I&I Elim, private side (cons)				\$200,000			\$200,000	Sewer Funds
PS 19 Collection System I&I Evaluation / Study	\$50,000						\$50,000	Sewer Funds
PS 36 Coll Sys I&I Elim, private side (cons)					\$156,000		\$156,000	Sewer Funds
Plant 25 Fishcreek Cuy River Siphon Insp			\$100,000				\$100,000	Sewer Funds
Rhoadsdale Avenue Sewer Line Rehab (cons)		\$35,000					\$35,000	Sewer Funds
Roseland Estates, I&I Elim, private side (cons)					\$1,100,000		\$1,100,000	WPCLF
Seasons -Wyoga Lake-Akron Cleveland Roads (cons)						\$1,250,000	\$1,250,000	WPCLF
State Route 619 SSE to East Liberty Park (cons)	\$605,000						\$605,000	Sewer Funds
Stow Gorge Replacement Ph1 (cons)	\$660,000						\$660,000	WPCLF
Stow Gorge Replacement Ph2 (cons)			\$1,000,000				\$1,000,000	WPCLF
Stow Gorge Replacement Ph2 (eng)		\$150,000					\$150,000	WPCLF
Various Sanitary Sewer Repairs, Q455 (cons)	\$1,120,000						\$1,120,000	OWDA
Village of Peninsula Sewer System		\$1,250,000					\$1,250,000	WPCLF
Warner Road Sewer Lining & PS68 FM & Air Releas			\$1,125,000				\$1,125,000	Sewer Funds



2018 - 2023 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

<u>DESCRIPTION</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2018-2023 PLAN</u>	<u>FUNDING SOURCE</u>
WWTP Improvements								
Plant 13 Norton Acres Abandonment (cons OPWC Ci	\$50,000						\$50,000	Sewer Funds
Plant 25 Fishcreek Bar Screen/Filter Rep (con)			\$2,000,000				\$2,000,000	WPCLF
Plant 25 Fishcreek Bar Screen/Filter Rep (eng)		\$250,000					\$250,000	OWDA
Plant 25 Fishcreek Clarifier, Digester, Sludge		\$5,000,000					\$5,000,000	OWDA
Plant 25 Fishcreek PLC upgrades	\$75,000						\$75,000	Sewer Funds
Plant 25 Fishcreek RBC Replace/Oxidation (cons)					\$2,400,000		\$2,400,000	WPCLF
Plant 25 Fishcreek RBC Replace/Oxidation (eng)				\$300,000			\$300,000	WPCLF
Plant 25 High Voltage Loop	\$60,000						\$60,000	Sewer Funds
Plant 29 Aurora Shores Abandonment (cons)	\$1,870,000						\$1,870,000	WPCLF
Plant 32 I&I Elim, private side (cons)	\$240,000						\$240,000	Sewer Funds
Plant 36 Upper Tusc RBC Abandonment (cons)	\$12,500,000						\$12,500,000	WPCLF
Plant 36 Upper Tusc Sludge Pond Removal	\$400,000	\$400,000					\$800,000	Sewer Funds
Plant 49 Macedonia WWTP (cons)					\$6,650,000	\$6,650,000	\$13,300,000	WPCLF
Plant 49 Macedonia WWTP (planning, eng)			\$800,000	\$800,000			\$1,600,000	WPCLF
Plant 49 Macedonia WWTP Anti-Deg Mitigation			\$400,000				\$400,000	WPCLF
Total: Environmental Improvements	\$38,045,000	\$24,486,000	\$23,457,000	\$15,814,000	\$25,312,000	\$31,075,000	\$158,189,000	