



Capital Improvement Budget
2016 - 2021

THE HIGH POINT OF OHIO



COUNTY OF SUMMIT



Russ Pry, Executive

Summit County Council



Dear Council President and Members:

It is my pleasure to submit to you the 2016-2021 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. The next few years will see an emphasis on capital investments in critical public safety infrastructure needs throughout the County. The 2016-2021 Capital Improvement Program seeks to judiciously use County funds for the maintenance of current county facilities and assets while continuing with those projects which have been approved in prior year capital plans.

2015 saw the kickoff and substantial completion of the construction phase of the Triangle Building project. In 2014 the county signed a lease with Akron Phoenix Development Co., LLC for the lease of 223,800 square feet of office and administrative space located at 1200 Firestone Parkway in Akron. This space will serve as the new home for the County's Department of Job and Family Services, the Department of Sanitary Sewer Services, the Department of Administrative Services, the Board of Revision, Summit Soil and Water and the County Records Center. The consolidation of these offices into a single location will provide the County long term operational savings and efficiency and will invest nearly \$20 million into the critical redevelopment of the former Firestone Tire campus and assist the ongoing transformation of the Firestone Park Neighborhood. Completion and occupancy for this project is scheduled for February 2016.

Over the course of 2015, the County and City of Akron spent a great deal of time finalizing plans for upgrading the County/City public safety radio system to a P25 technology standard. In October, the respective councils of the County and City approved an Interlocal Agreement defining future ownership rights relating to the system and a Cooperative Agreement and Lease Purchase agreement defining a repayment structure and equipment ownership rights for the County's acquisition of City equipment and shared equipment related to the upgrade. The County, additionally, entered into a Communications System Agreement, System Upgrade Agreement and Municipal Lease agreement with Motorola Solutions for the acquisition of the equipment and services necessary to upgrade the system. In 2016, we plan to issue bonds to take out the lease agreement and fully fund this \$18.4 million project.

In the years ahead we will continue to look for unique and creative ways to further economic development opportunities in the County and leverage the public/private partnerships we have forged. The County's support and investment in the Seasons Greene Eco-Industrial Park, CAK Industrial Business Park, Phase III and our efforts to expand sewer coverage to the southwest portion of the County are perfect examples of these kinds of partnerships and the creative efforts we are making to attract quality, high-paying jobs to Summit County.

Sincerely,

A handwritten signature in black ink, appearing to read 'Russell M. Pry', is written over a horizontal line.

Russell M. Pry
Executive



CAPITAL IMPROVEMENT PROGRAM

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COUNTY OF SUMMIT
THE HIGH POINT OF OHIO
RUSSELL M. PRY, EXECUTIVE

BUDGET OVERVIEW



Summit County Capital Improvement Policy

Capital Improvement Program 2016-2021

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 2016-2021

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

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.

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

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.

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.



Summit County Capital Improvement Policy

Capital Improvement Program 2016-2021

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. The County has not transferred any significant General Fund dollars to the program since 2001. 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 and \$878,995 to fund capital administration and several small projects and plans to transfer an additional \$400,000 in 2016. At the end of 2016, approximately \$400,000 will be available for projects in 2017. 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.

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 countys 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.



Summit County Capital Improvement Policy

Capital Improvement Program 2016-2021

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 \$2.00 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.

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.

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.



Summit County Capital Improvement Policy

Capital Improvement Program 2016-2021

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.

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.



Summit County Capital Improvement Policy

Capital Improvement Program 2016-2021

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.

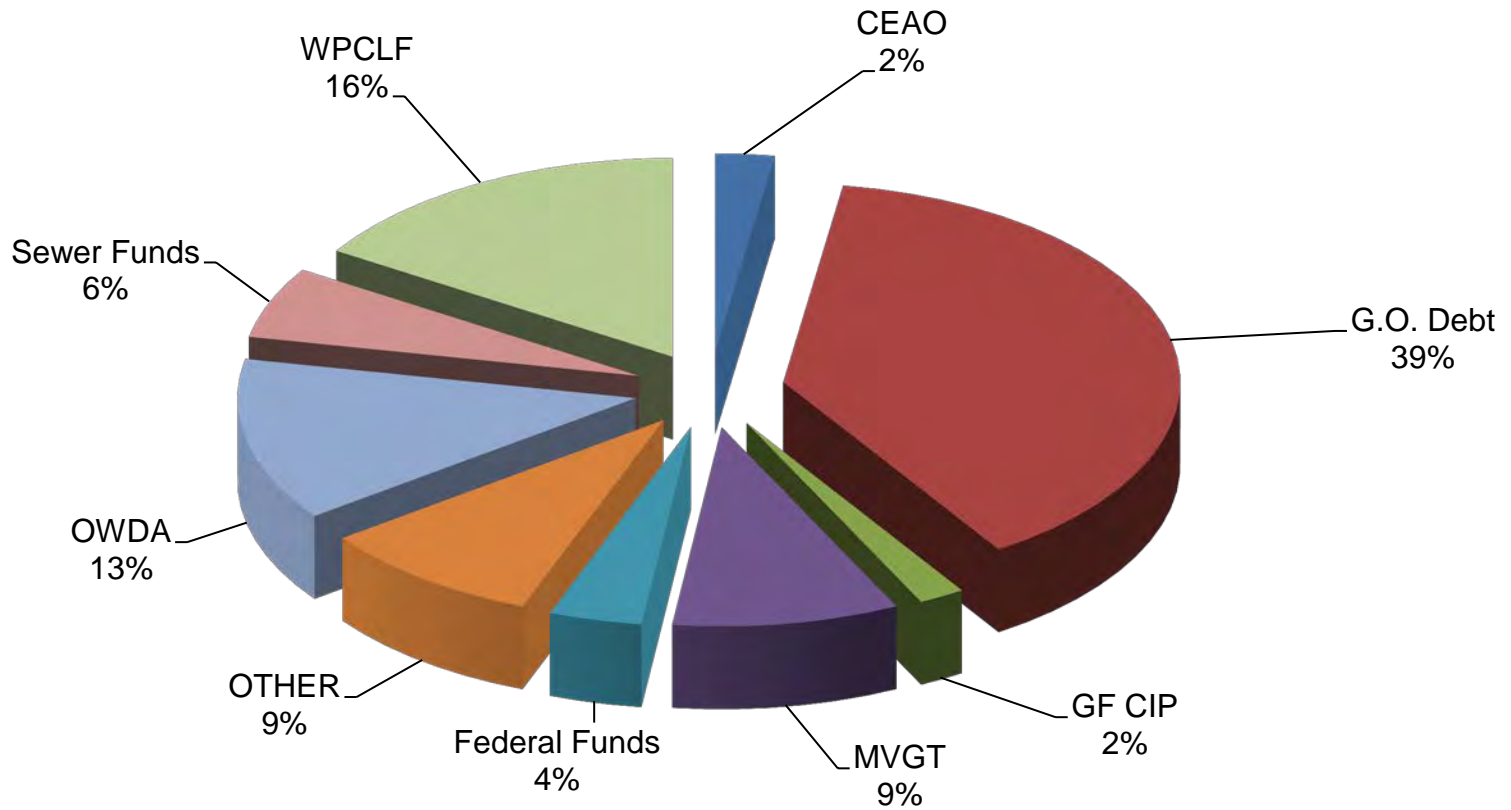


2016 CAPITAL IMPROVEMENT PROGRAM

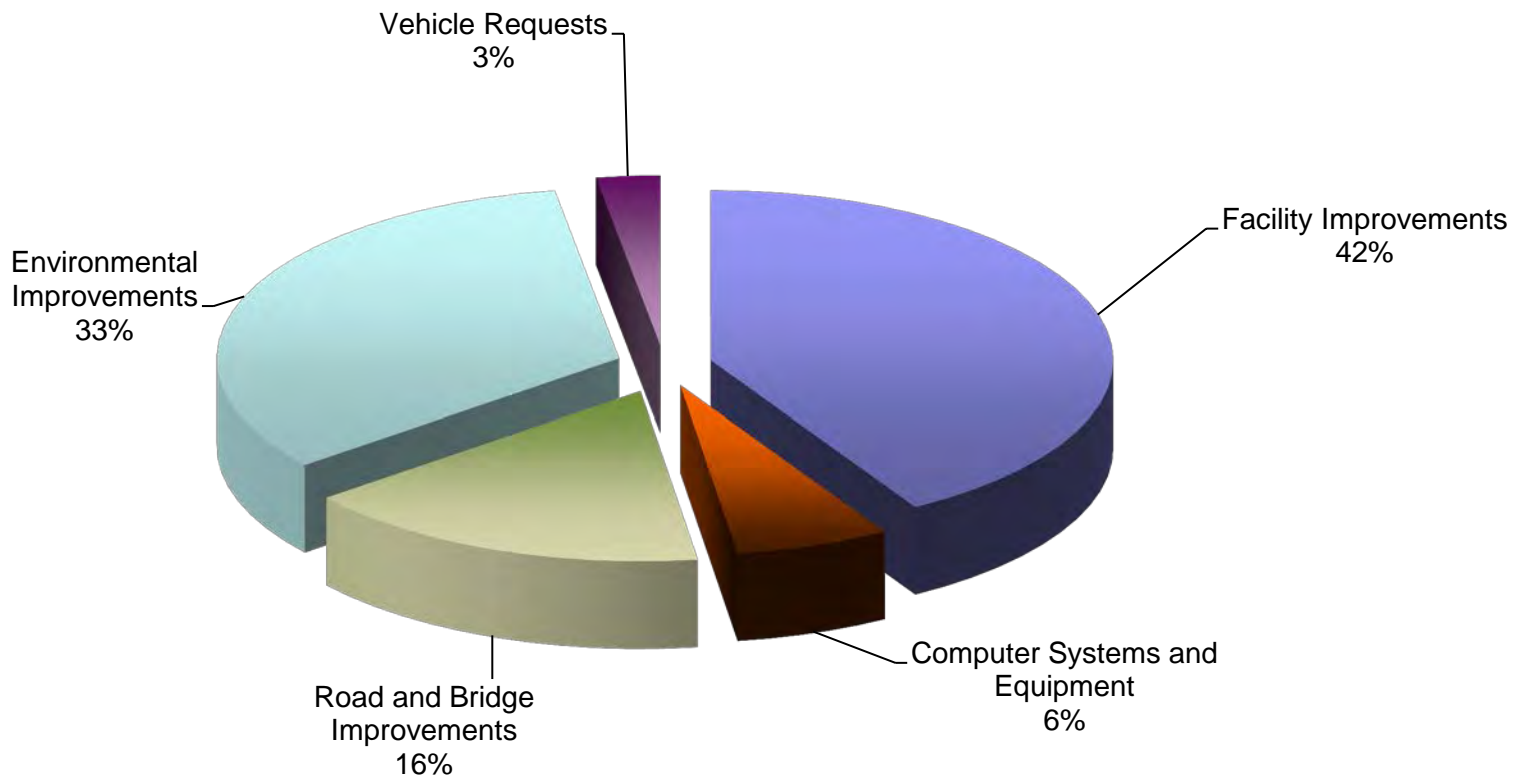
Sources and Uses

<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>
CEAO				\$1,235,478			\$1,235,478
Computerization Funds	\$200,000						\$200,000
DJFS			\$250,000				\$250,000
EECBG			\$213,000				\$213,000
Federal Funds				\$1,934,400			\$1,934,400
GF CIP	\$204,784		\$510,000	\$50,000	\$35,000	\$166,000	\$965,784
GO Debt	\$1,000,000		\$18,759,121				\$19,759,121
Insurance Retention						\$52,500	\$52,500
MVGT			\$36,710	\$4,186,987		\$506,000	\$4,729,697
ODOT				\$30,000			\$30,000
ODRC			\$473,619				\$473,619
OPWC				\$356,128			\$356,128
OWDA		\$6,799,433					\$6,799,433
Other Local	\$69,650		\$750,000				\$819,650
Permanent Improvements			\$165,720				\$165,720
Probation Fees						\$19,500	\$19,500
REA Funds	\$500,000						\$500,000
Rotary Fund						\$136,000	\$136,000
Safety				\$540,000			\$540,000
Sewer Funds	\$414,800	\$2,006,000	\$125,000			\$434,000	\$2,979,800
Special Projects	\$200,000						\$200,000
State of Ohio	\$593,774						\$593,774
WPCLF		\$8,236,765					\$8,236,765
Water Funds				\$150,000			\$150,000
TOTAL	\$3,183,008	\$17,042,198	\$21,283,170	\$8,482,993	\$35,000	\$1,314,000	\$51,340,369

2016 County of Summit Capital Improvement Program Sources of Funding



2016 County of Summit Capital Improvement Program Uses of Funding





COUNTY OF SUMMIT
THE HIGH POINT OF OHIO
RUSSELL M. PRY, EXECUTIVE

FACILITY IMPROVEMENTS



2016 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
South Street				
Facility Improvements	\$36,710 \$10,720	MVGT Permanent Improvements	\$422,430	General Improvements anticipated for South Street complex. The 2016 program will include relocation and reconstruction of the facility access to E. South St. following ODOT construction. Funding for the project will come from ODOT relocation compensation and proceeds from the sale of Copley Station.
Executive				
Department of Sanitary Sewer Services				
Vehicle Maint Garage Facility	\$125,000	Sewer Funds	\$5,125,000	Space study & engineering in 2016 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 and control and centralized purchasing
General Government				
Animal Control Facility				
General Repairs and Maintenance	\$10,000	Permanent Improvements	\$120,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Board of Elections				
General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.



2016 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Temperature Control Upgrade	\$50,000	EECBG	\$50,000	The existing temperature control system cannot be maintained since parts are not manufactured anymore. The cost of this project will be recovered through energy savings
Community Based Corrections Facility Foundation Repair	\$267,049	ODRC	\$450,000	Summit County has been awarded \$450,000 in capital funds to correct some foundation settlement issues at the Women's CBCF on Sherman Street. The building was built on an old fill site in 2000 and there has been some localized settlement on spread footings supporting non-load bearing masonry walls. This project will support and stabilize the spread footings, level floors as required and repair cracked masonry walls. Construction contract awarded to Cavanaugh Building Corp for \$182,951.00 per Resolution 2015-544.
Men's CBCF Repair	\$206,570	ODRC	\$206,570	The State has approved funding in the amount of \$206,570 for improvements at the Men's CBCF Building. The project include masonry repairs, asphalt repairs and a boiler replacement.
Edwin Shaw Edwin Shaw Demolition & Development	\$1,000,000 \$750,000	GO Debt Other Local	\$1,750,000	Environmental mitigation, structure demolition and site preparation necessary to address blighted and vacant facilities that make up the former Edwin Shaw Rehabilitation Center on Sanitarium Rd in Lakemore. The County is currently working with the Summit County Land Revitalization Corporation to secure \$750,000 in grant funding.
Edwin Shaw Property General Maintenance & Upkeep	\$40,000	GF CIP	\$40,000	\$12,000 for contract with the Village of Lakemore to maintain patrols and snow removal at Edwin Shaw property. Remainder for electric usage, permits & fees, and repair of vandalized property.



2016 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Jobs and Family Services General Repairs and Maintenance	\$250,000	DJFS	\$250,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Medical Examiner General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
NEFCO Building Demolition	\$20,000	GF CIP	\$20,000	Tear down the vacant building and reseed the lot.
Ohio Building General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Summit Center General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Summit County Parking Deck Door Replacement Project	\$120,000	GF CIP	\$170,000	Replace the overhead rolling doors at the car entrances, the aluminum entrance doors on High Street and the doors in the south stair tower.
General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Tallmadge Avenue Facility General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Veterans Service Bldg. General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.



2016 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Judicial and Public Safety				
800 MHz Radio System				
Public Safety Regional Radio System P25 Upgrade	\$16,804,121	GO Debt	\$18,418,098	The County of Summit and City of Akron jointly operate an 800MHz Regional Radio System (RRS) which provides interoperable, mission critical voice and data communications for Law, Fire, EMS, Public Works, and Transportation for over 30 user agencies/communities in Summit County. The total project costs includes the County and City of Akron's share for upgrading the system to an Astro P25 compliant platform by 2018, including \$9.8 million for tower and infrastructure equipment upgrades, \$2.8 million for County radio and dispatch console upgrades and \$5.7 million for City radio and dispatch console upgrades. The County signed a lease/purchase agreement and system maintenance and upgrade agreement with Motorola Communications for the project in November of 2015 along with a project cooperative agreement, equipment lease agreement and interlocal agreement with the City of Akron. The County plans to issue bonds to finance this project in 2016.
Domestic Relations Court/Clerk of Courts				
General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Juvenile Court and Detention				
Detention Lighting Upgrade	\$163,000	EECBG	\$163,000	Upgrade existing lighting in detention housing units, stairs and gym with energy efficient LED lighting.
Replace Kitchen Floor	\$60,000	GF CIP	\$60,000	Replace existing kitchen floor with new epoxy floor.



2016 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Juvenile Court and Detention Center General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Safety Building Elevator/Fire Alarm Modernization	\$955,000	GO Debt	\$955,000	Upgrade the existing elevator and fire alarm systems to meet current building code/life/safety requirements.
General Repairs and Maintenance	\$10,000	Permanent Improvements	\$60,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Sheriff Training Facility Parking Lot Paving	\$20,000	GF CIP	\$20,000	Spot patch the parking lot and seal coat the entire lot.
Summit County Courthouse General Repairs and Maintenance	\$20,000	Permanent Improvements	\$120,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Paint Exterior Windows	\$30,000	GF CIP	\$170,918	Paint the exterior of the windows on the Courthouse and the Annex. This will prolong the life of the windows that are faded and peeling. Contract awarded to Wayne Hose Painting for \$140,918.00 per Resolution 2015-373.



2016 CAPITAL IMPROVEMENT BUDGET

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Summit County Jail General Repairs and Maintenance	\$25,000	Permanent Improvements	\$150,000	Building Improvements including paint, tile, and wall coverings and miscellaneous improvement projects.
Jail Perimeter Fencing	\$100,000	GF CIP	\$100,000	Installation of 480' of additional 10' perimeter galvanized fence to the north side of the Summit County Jail located by the entrance and exit of the sally port.
Pod Lighting Upgrade	\$120,000	GF CIP	\$120,000	Replace the metal halide fixtures in the pod dayrooms with LED fixtures. The cost of this project will be recovered through energy savings.
Total: Facility Improvements	\$21,283,170		\$29,481,016	



COUNTY OF SUMMIT
THE HIGH POINT OF OHIO
RUSSELL M. PRY, EXECUTIVE

ECONOMIC DEVELOPMENT



2016 CAPITAL IMPROVEMENT BUDGET

Economic Development

<u>DESCRIPTION</u>	<u>2016</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.
Total: Economic Development	\$35,000		\$210,000	



COUNTY OF SUMMIT
THE HIGH POINT OF OHIO
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COMPUTER SYSTEMS AND EQUIPMENT



2016 CAPITAL IMPROVEMENT BUDGET

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
General Government				
Board of Elections				
Additional Property Acquisition	\$1,000,000	GO Debt	\$1,000,000	Purchase and renovation of 6,000 sq ft building and 1.5 acres of land located at 500 Grant St. Facility is next door to the current Board of Elections headquarters
Poll Books	\$104,784	GF CIP	\$698,558	Purchase of 462 ExpressPoll tablets with barcode scanning and signature capture capabilities.
	\$593,774	State of Ohio		
Office of Information Technology Banner Consultant (200 hours)	\$30,000	GF CIP	\$120,000	Request for a Banner Consultant. Banner is our main financial system and has not been looked at by an outside vender in well over 10 years. The anticipated consultant works for Xerox who recently purchased Banner and will give us a baseline for best practices for our environment.
Banner Servers (Hardware)	\$29,850	GF CIP	\$29,850	Proposed improvement to the Banner application hardware system. This would replace our aging Banner hardware including the database server and application server. This is necessary to resolve the performance issues we are having with the Banner system on a continuing basis.



2016 CAPITAL IMPROVEMENT BUDGET

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Disaster Recovery and Backup	\$16,650 \$28,350	GF CIP Other Local	\$90,000	Proposed replacement of our aging backup device. This replacement would give us two backup storage devices, one of which would be stored offsite to replicate our critical backup data. This offsite device would allow us a target for the Engineer's office their offsite data as well.
Hardware Access Control - Plt 25,36	\$30,000	Sewer Funds	\$30,000	Purchase and Installation of hardware to provide monitoring and control of outside entrances within two major waste water treatment plants.
Hardware Data Ctr Access - Plt 25	\$15,000	Sewer Funds	\$15,000	Purchase and installation of hardware to secure Plant 25 and Plant 36 Data Centers.
Hardware OPEX Payment Processing	\$27,000	Sewer Funds	\$27,000	Replacement of processing machine for customer billing check scanning / processing.
Hardware SCADA Upgrade PS - Ph 2	\$52,800	Sewer Funds	\$52,800	Purchase and installation of programmable logic controllers and other equipment to allow for the implementation of a wireless SCADA solution for approximately 35 pump stations.
Hardware Wireless WWTP - Plt 25,36	\$15,000	Sewer Funds	\$30,000	Purchase and installation of hardware / wireless access points to provide wireless access to DSSS network & applications within all areas of the WWTP.
Ohio Building Wireless	\$7,500 \$7,500	GF CIP Other Local	\$45,000	Install Wireless routers and access points throughout the Ohio Building. The Fiscal Office's REA Fund and CSEA would also contribute to this project
Real Estate Software Upgrade	\$500,000	REA Funds	\$500,000	Upgrade Real Estate software program (CLT CAMA). Current system was placed in service in 1995 and is past its useful life.



2016 CAPITAL IMPROVEMENT BUDGET

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
SQL Server (Hardware and Software)	\$16,000 \$33,800	GF CIP Other Local	\$49,800	This proposed improvement will replace our aging SQL database server and all of the licensing that goes with that replacement. This server runs the back end for nearly all of our critical applications including Kronos. Multiple County offices will contribute to this project Purchase and installation of software to provide asset management and work orders.
Software Cityworks Asset Management	\$125,000	Sewer Funds	\$125,000	
Software ORION Project MIS	\$150,000	Sewer Funds	\$150,000	
Judicial and Public Safety				
Clerk of Courts Clerk's Case Management System Module Expansion	\$200,000	Computerization Funds	\$200,000	Software development and continued implementation of the Case Management System in the Clerk of Courts Office, Domestic Relations Court, Prosecutors Office and Court of Appeals. Includes E-Filing and Accounting modules for the Clerk and Courts and evidence module for Clerk and Prosecutor.
Common Pleas Court-General Division Courtroom Technology	\$200,000	Special Projects	\$800,000	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	\$3,183,008		\$3,963,008	



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VEHICLES



2016 CAPITAL IMPROVEMENT BUDGET

Vehicles

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
DSSS				
Sanitary Sewer Services				
Dump Truck (15 ton GVW)	\$189,000	Sewer Funds	\$379,000	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 F150 Pickup	\$22,000	Sewer Funds	\$264,000	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 F350 Transit Van (3 Vans)	\$126,000	Sewer Funds	\$252,000	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 F550	\$43,000	Sewer Funds	\$129,000	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.
Vactor Sewer Cleaning Machine (5 yr Lease)	\$54,000	Sewer Funds	\$174,000	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.
Engineer				
Maintenance Department				
Dump Plows	\$450,000	MVGT	\$1,360,000	Replacements necessary due to unreliability, poor physical condition, and high/increasing maintenance costs. Planned purchase of 2 tandem axle cab and chassis with swap loaders (2016).



2016 CAPITAL IMPROVEMENT BUDGET

Vehicles

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Pick-up Trucks	\$56,000	MVGT	\$258,000	Replacements necessary due to unreliability, poor physical condition, and high/increasing maintenance costs. Planned purchase of 2, 3-ton pick-up trucks (2016)
General Government				
Executive - Building Standards 5 2016 Ford Escapes	\$110,000	GF CIP	\$110,000	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.
Executive - Physical Plants 2 Ford F150 Pickups w/ Hitch & 48" Exmark mower	\$56,000	GF CIP	\$106,000	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.
Judicial and Public Safety				
Common Pleas Court-Adult Probation Passenger Vehicles	\$19,500	Probation Fees	\$82,000	Vehicle replacements necessary due to unreliability, poor physical condition, and high/increasing maintenance costs.



2016 CAPITAL IMPROVEMENT BUDGET

Vehicles

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Sheriff				
2 Unmarked Vehicles	\$52,500	Insurance Retention	\$52,500	The Sheriff's Office is in need of replacement unmarked vehicles. These vehicles have high mileage and are costly to maintain, the Taurus's are the same year as past vehicles where the frames have severely rusted.
5 Community Rotary Patrol Vehicles	\$136,000	Rotary Fund	\$136,000	5 New Patrol vehicles needed for contracted areas. These vehicles were all assessed and found to be to costly to repair and the frames are unsafe. They have been scheduled for Auction in November 2015. 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.
Total: Vehicles	\$1,314,000		\$3,302,500	



COUNTY OF SUMMIT
THE HIGH POINT OF OHIO
RUSSELL M. PRY, EXECUTIVE

ENGINEER



2016 CAPITAL IMPROVEMENT BUDGET

Bridge Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
Bridge Engineering and Construction Projects				
Bank St Bridge Replacement (Little Cuyahoga)	\$1,208,150 \$261,350	CEAO MVGT	\$1,469,500	This project involves the replacement of the bridge superstructure, the repair of the bridge substructure, and the reconstruction of the roadway approach slabs and guardrail. Construction costs are 80% Federal, 20% Local.
Greenwich Road Bridge	\$160,000	MVGT	\$160,000	In the City of Norton, replace the Greenwich Road Bridge over Hudson Run with a four (4) sided box culvert. This bridge has a sufficiency rating of 19 and is one of the lowest rated structures on the Summit County inventory.
High Level Bridge	\$448,000	MVGT	\$1,463,000	High Level Bridge (AKR-008-0909) over the Cuyahoga River. This is a preventative maintenance project on the county's most expensive structure. An inspection and documentation of the areas requiring painting will be developed into a detailed zone painting project and the same inspection will provide information regarding which structural members need to be upgraded to meet current safety standards. (gusset plates will be modified to strengthen their connections with the existing structural members 2016) (zone painting 2017). This bridge was built in 1948 and has a sufficiency rating of 39.2 (out of a possible 100 point score) and is classified as functionally obsolete.
Steels Corners Road Bridge	\$30,000	MVGT	\$30,000	In cooperation with the City of Cuyahoga Falls and the City of Stow, remove the existing asphalt overlay on the portion of the bridge spanning Mud Brook, re-waterproof the concrete bridge deck and place a new asphalt overlay on that portion of the bridge. Also, on the portion of the bridge that was previously resurfaced, remove the existing patch and resurface with asphalt.



2016 CAPITAL IMPROVEMENT BUDGET

Bridge Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Vanderhoof Road Bridge	\$10,400 \$2,600	Federal Funds MVGT	\$1,555,950	The existing bridge over the Tuscarawas River in New Franklin was built in 1929 and has a sufficiency rating of 50 (out of a possible 100 point score) and is classified as structurally deficient. The bridge is a non-redundant fracture critical structure that has been retrofitted with steel plates to stabilize the bridge. This single span, through girder, is 82 foot long, 27 foot wide and will be replaced with a 32 foot wide deck. The type of bridge will be determined as part of the preliminary design and will provide for both vehicular and pedestrian traffic.
Total: Bridge Improvements	\$2,120,500		\$4,678,450	



2016 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Engineer				
Highway Engineering Projects				
CEAO HSIP Safety Studies	\$27,328	CEAO		
	\$3,037	MVGT	\$30,365	Awarded safety funding for Pavement Marking Inventory (\$17,385), Sign Compliance (\$10,980) and Software (\$2,000)
Landslide Mitigation	\$100,000	MVGT	\$600,000	This project will provide an inventory and assessment of current landslide hazards, a strategy to mitigate landslide hazards, and to repair landslide damage. The County will develop a comprehensive and efficient strategy for reducing risks, damage and losses from landslides and slope movements at designated locations in the northwest portion of the County.



2016 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Pavement, Culvert & Ditch Maintenance Annual Roadway Maintenance	\$250,000	MVGT	\$1,500,000	This program is a combination of road maintenance and safety projects that do affect the structural strength of the roadway. Included are crack sealing (\$100,000), asphalt rejuvenation (\$75,000), and striping (\$75,000).
Annual Roadway Resurfacing	\$1,700,000 \$356,128	MVGT OPWC	\$17,056,128	This program is a combination of resurfacing projects that affect the structural strength of the roadway. Included are 448 Asphalt (Hot Mix), 405 Asphalt (Motor Paving), and 409 (Chip Seal). Resurface SCE roads in order to maintain a PCI at 68.
Culvert Replacement Program	\$50,000	MVGT	\$550,000	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.
Intersection Improvements	\$75,000	MVGT	\$700,000	Safety and traffic control improvements at existing intersections throughout the County. Includes force account and contractor work as needed.
Regional Stormwater	\$50,000	GF CIP	\$550,000	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. Reimbursed from the General Fund.



2016 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Sewer Cleaning Program	\$75,000	MVGT	\$450,000	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 what repairs are needed.



2016 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Roadway Construction Projects				
Arlington Rd Improvement	\$1,800,000 \$800,000	Federal Funds MVG T	\$2,600,000	Arlington Road from the Green North Corporation Line to the Akron South corporation line. Improvements include the construction of an inter-connected traffic signal system, ADA ramps and sidewalks, northbound left turn lane at Warner Road and resurfacing from Killian Road to Krumroy Road.
Boston Mills Road	\$124,000 \$45,000	Federal Funds MVG T	\$431,000	In Boston Township, prepare environmental studies to rehabilitate the first phase of a 1 mile long section section of Boston Mills Road starting at Riverview Road and extending to a point just west of the parking lots for Blue Hen Falls. A section of roadway approximately 1,000 feet long will be reconstructed. The parking lots at Blue Hen Falls and the parking lot at the intersection of Boston Mills and Riverview Road are destinations for park visitors. Due to a lack of shoulders, pedestrains and cyclists must walk in the roadway pavement to traverse from one site to another. We propose to provide both adequate shoulders and improved drainage within the corridor, however due to restrictions on the amount of federal funding available we will only be able to study the environmental impacts of the entire 1 mile corridor and construct a portion of the actual improvements. Additional federal funding will be sought in the future to complete the actual construction.



2016 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Canton Road Improvements	\$30,000 \$540,000	ODOT Safety	\$8,987,778	PID89113 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.
Clev-Mass Rd w/Fairlawn	\$147,000	MVGT	\$147,000	The City of Fairlawn will be the lead administrative agency on this project to improve Cleveland-Massillon Rd from I-77 to SR 18.
Countywide Guardrail Replacement & Maintenance Project	\$40,000	MVGT	\$540,000	Replace damaged portions of existing guardrail, install new guardrail where warranted and replace existing guardrail ends with a state of the art terminal treatment. The project will cover portions of 9 townships. CEAO funding will be sought. Inventory was encumbered in 2014, results of inventory were reviewed in 2015, begin implementation 2016.



2016 CAPITAL IMPROVEMENT BUDGET

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
General Government				
Pavement, Culvert & Ditch Maintenance Tritts Mill Dam	\$150,000	Water Funds	\$150,000	Tritt's Mill Dam, located in Springfield Township, has deteriorated substantially over the last several years and the proposed work is necessary to address deficiencies in the dam identified by ODNR. Additionally, the funds will be used to lower the height of the Dam below the height jurisdiction of ODNR. Funds for the repair will be allocated from the Department of Sanitary Sewer Service's Water Debt Fund, which is no longer utilized by the Department due to it no longer providing water services.
Total: Road & Ditch Improvements	\$6,362,493		\$34,292,271	



COUNTY OF SUMMIT
THE HIGH POINT OF OHIO
RUSSELL M. PRY, EXECUTIVE

ENVIRONMENTAL IMPROVEMENTS



2016 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
DSSS				
Pump Station Improvements				
PS 11 Upgrade & Force Main Realignment (Con)	\$458,000	OWDA	\$458,000	Partial abandonment of existing force main and construction / realignment of approx 3,054 lf of 6" DIP. Realignment / new connection will be on Olde 8 Rd to manhole XAHN.
PS 19 Replacement (Land Acq & Con)	\$1,839,265	WPCLF	\$1,839,265	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 from overflow from Wyoga Lake. Existing pump station structure and equipment are at end of useful life (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 modification to the 208 Facilities Plan.
PS 3 Upgrade & Force Rehab (Con)	\$452,350	OWDA	\$452,350	Replacement 1,950 linear feet (LF) of 6" force main. An alternate of redirecting the flow from PS105 to PS3 changing the pumps, etc., in PS3, then redirecting its flow to the PS105 force main will also be investigated.
PS 36 Replacement (Eng and Con)	\$80,000	OWDA	\$480,000	Replacement of existing pump station due to poor condition / end of its useful life. This pump station was installed in 1976. Could possibly result in the upsizing and replacement of the force main.



2016 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
PS 6 Force Rehab, Ph 3 (Con)	\$1,270,000	WPCLF	\$1,270,000	Repair and/or replacement of approximately 5,630 linear feet (LF) of deteriorating 20" ductile iron force main with 20" PVC force main. 3,150 feet of the force main is on the east side of Fishcreek Road in Stow and the replacement is from approximately 600 feet south of Progress Park to 100 feet north of Laurel Woods where it will connect to the PVC forcemain installed in 2001 as part of the Fishcreek Road widening project. 2,480 LF of the forcemain is on the west side of Marsh Road in Stow and the replacement is from approximately 100 feet north of Ridgeline Road where it will connect to a 20" PVC forcemain (scheduled to be installed in Phase 2) and go south to the Fishcreek WWTP on North River Road.
PS 6 Pump Rep, Elect Upgrade (Con)	\$716,083	OWDA	\$716,083	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/gpm of the pump station. 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 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 and includes PS13 force main extension / re-alignment
Sewer System Improvements Brandywine Olde 8 Trunk Rep (Con)	\$340,000	OWDA	\$340,000	Replacement 1,188 linear feet (LF) of 8" to 10" sewer in an easement between Olde 8 and Brandywine Rd. The pipe has numerous breaks, root intrusions, and the condition is such that the sewer cameras can not pass through all segments.



2016 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Clinton Sewer Sys Capacity in Canal Fulton WWTP	\$133,000	Sewer Funds	\$133,000	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.
Columbine Sewer System (Con)	\$2,300,000	WPCLF	\$2,300,000	Construction of approximately 10,000 linear feet (LF) of new 8 inch and 10 inch sewer system to serve the area of and around Columbine Avenue. The current area has a high number of failing/failed septic systems which result in high levels of pollution (fecal coli form). Providing sewer service to this area is a matter of an OEPA consent order. Alternate treatment methods will be considered and evaluated during preliminary engineering in order to identify the most cost effective solution. The construction costs of the new sewer system will initially be debt financed but will be recovered through property assessments. Project will result in approximately 135 new customers (approximately \$259,200 in connection fees and \$97,200 in additional user fees annually).
Darrow Rd. Sewer Rep / Repair (Con)	\$60,000	Sewer Funds	\$60,000	Replacement / repair of 329 linear feet (LF) of 8" sanitary sewer to eliminate structural deficiencies. The location of this repair is Darrow Rd (SR91), north of Hibbard Rd
Hines Hill Sewer Cleaning & Assess	\$50,000	Sewer Funds	\$50,000	Clean, inspect and perform conditional assessment on 9,700 linear feet (LF) of 8" and 12" PVC.
Hudson SSO Elim Area J (Eng & Con)	\$535,000	OWDA	\$535,000	Repairs / replacement mandated by OEPA Consent Order; this area consists of 10,700 linear feet (LF). Project will require public and private side improvements with these estimated costs to be public side improvements only.



2016 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Indian Creek Exposure Repair (Con)	\$500,000	OWDA	\$500,000	Erosion of the creek bed in Indian Creek has uncovered four different sanitary sewer lines which cross the creek. This project will install protection for those lines. This may be a joint project with the City of Macedonia. There is a culvert on Sioux Lane that needs replacing.
Manhole Rehabilitation Program	\$125,000	Sewer Funds	\$725,000	Rehabilitation of various manholes to address poor structural integrity and/or to eliminate infiltration of ground water. Selection of the manholes scheduled for rehabilitation is based on inspection and conditional assessment. Rehab of manholes in Hines Hill Trunk is scheduled in 2016. This program is an annual program and is necessary to comply with EPA CMOM requirements. This program also reduces treatment costs at both DSSS treatment facilities as well as facilities owned by others.
Massillon Rd/Greenbrook Const	\$103,000	Sewer Funds	\$103,000	Construction of a sanitary sewer extension of approx 900 linear feet (LF) on Greenbrook Drive to serve a three building apartment complex. Owner is under OEPA order. Construction costs will be assessed and collected over a 20 year period.
Meadows Dam Sewer Repair	\$70,000	Sewer Funds	\$70,000	Rehab / installation of casing to protect sanitary sewer aerial crossing from potential flooding due to the breaching of a privately owned dam by ODNr.
Middleton Rd Sewer Line Rep (Con)	\$1,100,000	OWDA	\$1,100,000	Replacement of 4,800 linear feet (LF) of 8" asbestos concrete pipe (ACP) on Middleton RD between SR91 (Darrow Rd) and Stow Rd.
Mudbrook Trunk Cleaning	\$150,000	Sewer Funds	\$450,000	Mechanical removal of accumulated grit in the Mudbrook trunk line. The size of the line, the amount of grit and the volume of flow requires equipment larger than the County owns. Removal of grit will provide for greater flow / capacity of the trunk.
Mudbrook Trunk I&I Elimination	\$400,000	OWDA	\$3,650,000	Repair / rehab of DSSS sewers and elimination of "clean water" / illegal private lateral connection to eliminate inflow and infiltration. The top 3 of 26 subsystems identified in the modeling and inspection of the Mudbrook system will be addressed.



2016 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Mudbrook Trunk Stabilization	\$700,000	OWDA	\$3,100,000	Repair / stabilization of 3 separate landslide areas. The landslide areas are over the trunk and represent a potential failure / break in the Mudbrook Trunk.
New Franklin Ctr 1 Zelray PS (Eng & Con)	\$120,000	WPCLF	\$1,074,000	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.
New Franklin Ctr 2A Man Rd Sewer	\$100,000	Sewer Funds	\$1,100,000	New growth. Assessed project. Construction of a new sewer trunk. Will remain dry until Contract 2 is complete. Necessary to be in advance of road improvement by the City.
New Franklin Ctr 5 Renninger(Eng and Con)	\$1,000,000	OWDA	\$9,775,000	New Growth. Assessed project. Construction of a new sanitary sewer trunk with flow going to Barberton WWTP.
New Franklin Ctr 7A Rex Hill Force-Barber	\$165,000	Sewer Funds	\$1,265,000	New Growth. Assessed project. Construction of a new pump station and force main with flow going to Barberton
Old Home Ditch Repair	\$500,000	OWDA	\$500,000	Erosion of the creek bed has uncovered a sanitary sewer line which crosses the creek. This project will install protection for those lines.
Olde 8, Haskell Rep (Eng and Con)	\$350,000	Sewer Funds	\$350,000	Replacement of sanitary sewer lines due to structural deficiencies, bad / separated joints and significant blockage due to root intrusion. All three locations will be combined into a single contract.
Prospect St Sewer Line Rehab (Con)	\$80,000	Sewer Funds	\$80,000	Rehabilitation using cured-in-place-pipe (CIPP) of 3,715 linear feet (LF) of 8" and 10" sanitary sewer. The City of Mogadore is the lead on this project. OPWC grant funding at 50% will likely be awarded for this project. Project will be constructed in 2015 but invoiced in 2016.
Pump Station 36 Rep (Eng and Con)	\$250,000	Sewer Funds	\$250,000	Rehab / replacement of electrical motors and pumps to attain proper / necessary pumping rate of 250 gpm. These repairs are in lieu of replacement of 12,400 linear feet (LF) of 8" and 12" VCP. Improvement is necessary due to surcharging at the pump station which result in overflows within the gravity collection system.



2016 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Stow Gorge Rep Ph1 (Con)	\$800,000	WPCLF	\$800,000	Replacement of approximately 2,100 ft of gravity sewer 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.
WWTP Improvements				
Plt 10, 48 Emergency Generators	\$250,000	Sewer Funds	\$250,000	Installation of emergency generators due to changes in NPDES permit requirements. Anticipate reusing an existing generator removed from a pump station for Plant 10 and purchasing a new one for Plant 48. Project includes the construction of building to house the generator at Plant 10.
Plt 25 Fishcreek Clarifier Rehab	\$785,000	WPCLF	\$785,000	Rehabilitation / recoating portions of the collector mechanisms in the final clarifiers, resurfacing of roadways and replacement of the administration & belt press building. The work also includes construction of an additional channel to interconnect the four final clarifiers.
Plt 25 Fishcreek Data Fire Supp	\$18,000	OWDA	\$18,000	Installation of a proper fire suppression system to protect the server / data center.
Plt 25, 36 ARCFlash Eval & Hazard	\$70,000	Sewer Funds	\$70,000	Engineering study and labeling of electrical cabinets to meet new ArchFlash and NFPA 70E electrical safety requirements.
Plt 29 Aurora Shores Abandonment	\$997,500	WPCLF	\$997,500	Demolition / abandonment of Plant 29 and construction of a pump station redirecting the flow into the Twinsburg WWTP. Tanks / equalization will be retained.
Plt 36 Aband of RBCs/Oxi Ditch	\$125,000	WPCLF	\$1,475,000	Abandonment of 32 Rotating Biological Contactors (RBC) and replacement of this process with the construction of a new oxidation ditch.



2016 CAPITAL IMPROVEMENT BUDGET

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>FUNDING SOURCE</u>	<u>TOTAL PROJECTED COSTS</u>	<u>DESCRIPTION</u>
Plt 36 Upper Tusc Tertiary Roof	\$50,000	Sewer Funds	\$50,000	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.
Total: Environmental Improvements	\$17,042,198		\$37,171,198	



COUNTY OF SUMMIT
THE HIGH POINT OF OHIO
RUSSELL M. PRY, EXECUTIVE

2016-2021 PLAN



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Summary

<u>CATEGORY</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>
Computer Systems & Equipment	\$3,183,008	\$735,660	\$420,000	\$4,020,220	\$236,000		\$8,594,888
Economic Development	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$210,000
Environmental Improvements	\$17,042,198	\$15,143,000	\$33,710,000	\$36,746,000	\$22,051,000	\$20,226,187	\$144,918,385
Facility Improvements	\$21,283,170	\$14,156,532	\$4,007,075	\$2,255,000	\$255,000	\$255,000	\$42,211,777
Road & Bridge Improvements	\$8,482,993	\$12,072,078	\$12,200,000	\$8,042,100	\$11,718,800	\$17,723,000	\$70,238,972
Vehicles	\$1,314,000	\$824,000	\$769,000	\$318,500	\$710,000	\$373,000	\$4,308,500
TOTAL	\$51,340,369	\$42,966,270	\$51,141,075	\$51,416,820	\$35,005,800	\$38,612,187	\$270,482,522



2016 - 2021 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>
CEAO				\$4,951,678			\$4,951,678
Computerization Funds	\$200,000						\$200,000
DJFS			\$250,000				\$250,000
EECBG			\$213,000				\$213,000
Federal Funds				\$24,764,314			\$24,764,314
GF CIP	\$3,910,668		\$8,489,630	\$550,000	\$210,000	\$306,000	\$13,466,298
GO Debt	\$1,000,000		\$25,373,098				\$26,373,098
Insurance Retention						\$52,500	\$52,500
MVGT	\$885,000		\$536,710	\$32,801,168		\$1,618,000	\$35,840,878
ODOT				\$656,842			\$656,842
ODRC			\$473,619				\$473,619
OPWC				\$356,128			\$356,128
OTHER Local				\$1,190,000			\$1,190,000
OWDA		\$24,069,433					\$24,069,433
Other Local	\$113,000		\$750,000	\$82,000			\$945,000
Permanent Improvements			\$1,000,720				\$1,000,720
Probation Fees						\$82,000	\$82,000
REA Funds	\$500,000						\$500,000
Rotary Fund	\$94,646					\$136,000	\$230,646
Safety				\$4,736,842			\$4,736,842
Sewer Funds	\$497,800	\$11,381,187	\$125,000			\$2,114,000	\$14,117,987
Special Projects	\$800,000						\$800,000
State of Ohio	\$593,774						\$593,774
WPCLF		\$109,467,765	\$5,000,000				\$114,467,765
Water Funds				\$150,000			\$150,000
TOTAL	\$8,594,888	\$144,918,385	\$42,211,777	\$70,238,972	\$210,000	\$4,308,500	\$270,482,522



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Boston (North) Station								
Facility Improvements		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	MVGT
South Street								
Facility Improvements	\$36,710 \$10,720	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$411,710 \$10,720	MVGT Permanent Improvements
Executive								
Department of Sanitary Sewer Services								
Vehicle Maint Garage Facility	\$125,000						\$125,000	Sewer Funds
		\$5,000,000					\$5,000,000	WPCLF
General Government								
Animal Control Facility								
General Repairs and Maintenance	\$10,000	\$70,000	\$10,000	\$10,000	\$10,000	\$10,000	\$120,000	Permanent Improvements
Board of Elections								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
Temperature Control Upgrade	\$50,000						\$50,000	EECBG
Community Based Corrections Facility								
Foundation Repair	\$267,049						\$267,049	ODRC
Men's CBCF Repair	\$206,570						\$206,570	ODRC



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Edwin Shaw								
Edwin Shaw Demolition & Development	\$1,000,000						\$1,000,000	GO Debt
	\$750,000						\$750,000	Other Local
Edwin Shaw Property								
General Maintenance & Upkeep	\$40,000						\$40,000	GF CIP
Jobs and Family Services								
General Repairs and Maintenance	\$250,000						\$250,000	DJFS
Medical Examiner								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
HVAC Control Upgrade			\$200,000				\$200,000	GF CIP
NEFCO Building								
Demolition	\$20,000						\$20,000	GF CIP
Ohio Building								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
Replace Simplex Panel		\$30,000					\$30,000	GF CIP
Summit Center								
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
Summit County Parking Deck								
Door Replacement Project	\$120,000	\$50,000					\$170,000	GF CIP
Expansion Joint Repair			\$150,000				\$150,000	GF CIP
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
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 Improvements



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Veterans Service Bldg. General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
Judicial and Public Safety								
800 MHz Radio System Public Safety Regional Radio System P25 Upgrade	\$16,804,121	\$1,613,977					\$18,418,098	GO Debt
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 Improvements
Juvenile Court and Detention Detention Intercom System Upgrade		\$140,000					\$140,000	GF CIP
Detention Lighting Upgrade	\$163,000						\$163,000	EECBG
Replace Kitchen Floor	\$60,000						\$60,000	GF CIP
Juvenile Court and Detention Center General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
Safety Building Carpet Floors 4, 6 and 7		\$180,000					\$180,000	GF CIP
Elevator/Fire Alarm Modernization	\$955,000						\$955,000	GO Debt
General Repairs and Maintenance	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	Permanent Improvements
Sheriff 250 Body Cameras		\$120,215	\$172,075				\$292,290	GF CIP
Sheriff Training Facility Parking Lot Paving	\$20,000						\$20,000	GF CIP



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Facility Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Summit County Courthouse								
Annex Roof Replacement				\$150,000			\$150,000	GF CIP
Facade Repair				\$250,000			\$250,000	GF CIP
General Repairs and Maintenance	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	Permanent Improvements
HVAC Controls Upgrade			\$600,000				\$600,000	GF CIP
Interior Stair Repair				\$100,000			\$100,000	GF CIP
Paint Exterior Windows	\$30,000						\$30,000	GF CIP
Summit County Jail								
CCTV System Upgrade			\$1,500,000				\$1,500,000	GF CIP
General Repairs and Maintenance	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	Permanent Improvements
HVAC Improvements			\$1,000,000				\$1,000,000	GF CIP
Jail Cameras		\$1,500,000					\$1,500,000	GF CIP
Jail Padded Cells		\$27,340					\$27,340	GF CIP
Jail Perimeter Fencing	\$100,000						\$100,000	GF CIP
Pod Lighting Upgrade	\$120,000						\$120,000	GF CIP
Roof Replacement				\$1,500,000			\$1,500,000	GF CIP
Study Improvements		\$150,000					\$150,000	GF CIP
West Wing Cabinets		\$30,000					\$30,000	GF CIP
Total: Facility Improvements	\$21,283,170	\$14,156,532	\$4,007,075	\$2,255,000	\$255,000	\$255,000	\$42,211,777	



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Economic Development

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 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
Total: Economic Development	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$210,000	



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Equipment-Maintenance Department								
Heavy Equipment		\$180,000	\$175,000	\$330,000	\$200,000		\$885,000	MVGT
General Government								
Board of Elections								
Additional Property Acquisition	\$1,000,000						\$1,000,000	GO Debt
Poll Books	\$104,784						\$104,784	GF CIP
	\$593,774						\$593,774	State of Ohio
Voting Equipment				\$3,428,220			\$3,428,220	GF CIP



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Office of Information Technology								
Banner Consultant (200 hours)	\$30,000	\$30,000	\$30,000	\$30,000			\$120,000	GF CIP
Banner Servers (Hardware)	\$29,850						\$29,850	GF CIP
Disaster Recovery and Backup	\$16,650	\$16,650					\$33,300	GF CIP
	\$28,350	\$28,350					\$56,700	Other Local
Hardware Access Control - Plt 25,36	\$30,000						\$30,000	Sewer Funds
Hardware Data Ctr Access - Plt 25	\$15,000						\$15,000	Sewer Funds
Hardware Modem Rep for PS Telemetry				\$32,000	\$36,000		\$68,000	Sewer Funds
Hardware OPEX Payment Processing	\$27,000						\$27,000	Sewer Funds
Hardware SCADA Upgrade PS - Ph 2	\$52,800						\$52,800	Sewer Funds
Hardware Wireless WWTP - Plt 25,36	\$15,000	\$15,000					\$30,000	Sewer Funds
Ohio Building Wireless	\$7,500	\$7,500	\$7,500				\$22,500	GF CIP
	\$7,500	\$7,500	\$7,500				\$22,500	Other Local
Real Estate Software Upgrade	\$500,000						\$500,000	REA Funds
Replace Main County Firewall		\$38,000					\$38,000	GF CIP
SQL Server (Hardware and Software)	\$16,000						\$16,000	GF CIP
	\$33,800						\$33,800	Other Local
Software Cityworks Asset Management	\$125,000						\$125,000	Sewer Funds
Software ORION Project MIS	\$150,000						\$150,000	Sewer Funds
Judicial and Public Safety								
Clerk of Courts								
Clerk's Case Management System Module Expansion	\$200,000						\$200,000	Computerization Funds
Common Pleas Court-General Division								
Courtroom Technology	\$200,000	\$200,000	\$200,000	\$200,000			\$800,000	Special Projects



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Computer Systems & Equipment

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Sheriff								
20 Vehicle Cameras		\$94,646					\$94,646	Rotary Fund
Summit County Jail								
Inmate Tracking System		\$118,014					\$118,014	GF CIP
Total: Computer Systems & Equipment	\$3,183,008	\$735,660	\$420,000	\$4,020,220	\$236,000		\$8,594,888	



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Vehicles

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
DSSS								
Sanitary Sewer Services								
CCTV Sewer Inspection Cab			\$54,000				\$54,000	Sewer Funds
Dump Trailer					\$100,000		\$100,000	Sewer Funds
Dump Truck (15 ton GVW)	\$189,000		\$190,000				\$379,000	Sewer Funds
Ford 1 Ton Dump Truck		\$40,000	\$40,000				\$80,000	Sewer Funds
Ford F150 Pickup	\$22,000	\$66,000	\$44,000	\$66,000		\$66,000	\$264,000	Sewer Funds
Ford F350 Transit Van (3 Vans)	\$126,000	\$42,000		\$42,000		\$42,000	\$252,000	Sewer Funds
Ford F550	\$43,000			\$43,000		\$43,000	\$129,000	Sewer Funds
Ford Fusion 4 Door Sedan		\$20,000				\$22,000	\$42,000	Sewer Funds
International Truck (replaced 757)		\$190,000					\$190,000	Sewer Funds
Tank Truck					\$200,000	\$200,000	\$400,000	Sewer Funds
Trailer, Construction Crew					\$50,000		\$50,000	Sewer Funds
Vactor Sewer Cleaning Machine (5 yr Lease)	\$54,000		\$60,000		\$60,000		\$174,000	Sewer Funds
Engineer								
Maintenance Department								
Dump Plows	\$450,000	\$250,000	\$360,000		\$300,000		\$1,360,000	MVGT
Pick-up Trucks	\$56,000	\$56,000		\$146,000			\$258,000	MVGT
General Government								
Executive - Building Standards								
5 2016 Ford Escapes	\$110,000						\$110,000	GF CIP



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Vehicles

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Executive - Physical Plants								
2 Ford F150 Pickups w/ Hitch & 48" Exmark mower	\$56,000	\$50,000					\$106,000	GF CIP
Judicial and Public Safety								
Common Pleas Court-Adult Probation								
Passenger Vehicles	\$19,500	\$20,000	\$21,000	\$21,500			\$82,000	Probation Fees
Sheriff								
1 Prisoner Transport Van		\$90,000					\$90,000	GF CIP
2 Unmarked Vehicles	\$52,500						\$52,500	Insurance Retention
5 Community Rotary Patrol Vehicles	\$136,000						\$136,000	Rotary Fund
Total: Vehicles	\$1,314,000	\$824,000	\$769,000	\$318,500	\$710,000	\$373,000	\$4,308,500	



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Bridge Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Bridge Engineering and Construction Projects								
Bank St Bridge Replacement (Little Cuyahoga)	\$1,208,150						\$1,208,150	CEAO
	\$261,350						\$261,350	MVGT
Bath Road Bridge					\$1,300,000		\$1,300,000	CEAO
			\$230,000		\$325,000		\$555,000	MVGT
Bridge Waterproofing		\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000	MVGT
Greenwich Road Bridge	\$160,000						\$160,000	MVGT
High Level Bridge	\$448,000	\$1,015,000					\$1,463,000	MVGT
Home Avenue Bridge		\$1,323,480					\$1,323,480	Federal Funds
		\$330,870					\$330,870	MVGT
N. Main over Howard St.		\$100,000					\$100,000	MVGT
Riverview Rd Bridge - Cuyahoga Falls				\$20,000	\$1,031,200		\$1,051,200	CEAO
			\$425,000	\$5,000	\$257,000		\$687,000	MVGT
Steels Corners Road Bridge	\$30,000						\$30,000	MVGT
Vanderhoof Road Bridge	\$10,400	\$1,226,360					\$1,236,760	Federal Funds
	\$2,600	\$316,590					\$319,190	MVGT
Wright Road Bridge					\$8,000	\$767,000	\$775,000	CEAO
				\$175,000	\$2,000		\$177,000	MVGT
Total: Bridge Improvements	\$2,120,500	\$4,327,300	\$670,000	\$215,000	\$2,938,200	\$782,000	\$11,053,000	



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Engineer								
Highway Engineering Projects								
CEAO HSIP Safety Studies	\$27,328						\$27,328	CEAO
	\$3,037						\$3,037	MVGT
Landslide Mitigation	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	MVGT
Rail Road Crossings		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	MVGT
Traffic Signal Upgrades		\$65,000					\$65,000	MVGT



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Pavement, Culvert & Ditch Maintenance								
Akron Cleveland Road				\$743,600			\$743,600	Federal Funds
Annual Roadway Maintenance	\$250,000	\$250,000	\$40,000	\$185,000	\$250,000	\$250,000	\$225,000	MVGT
Annual Roadway Resurfacing	\$1,700,000	\$3,000,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000	MVGT
Cleveland - Massillon Road Phase 1	\$356,128		\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$356,128	OPWC
Cleveland - Massillon Road Phase 2			\$10,000	\$50,000	\$800,000		\$800,000	Federal Funds
Culvert Replacement Program	\$50,000	\$100,000		\$350,100	\$800,000		\$410,100	MVGT
Intersection Improvements	\$75,000	\$125,000		\$70,000	\$246,500		\$800,000	Federal Funds
Krumroy Road			\$100,000	\$100,000	\$100,000	\$100,000	\$316,500	MVGT
Mayfair Road						\$100,000	\$550,000	MVGT
Medina Line Road Phase 1						\$769,600	\$700,000	MVGT
Medina Line Road Phase 2						\$202,400	\$769,600	Federal Funds
Myersville Road						\$286,000	\$202,400	MVGT
Olde Eight Phase 1					\$10,000	\$71,500	\$81,500	Federal Funds
Olde Eight Phase 2					\$40,000	\$185,900	\$225,900	MVGT
Portage Lakes Drive						\$743,600	\$743,600	Federal Funds
					\$40,000	\$185,900	\$225,900	MVGT
					\$800,000		\$800,000	Federal Funds
					\$210,000		\$210,000	MVGT
						\$681,200	\$681,200	Federal Funds
					\$50,000	\$180,300	\$230,300	MVGT
						\$997,600	\$997,600	Federal Funds
					\$50,000	\$259,400	\$309,400	MVGT
				\$161,200			\$161,200	Federal Funds
				\$60,300			\$60,300	MVGT



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Ravenna Road Phase 1					\$565,000		\$565,000	Federal Funds
					\$214,000		\$214,000	MVGT
Ravenna Road Phase 2					\$336,000		\$336,000	Federal Funds
					\$119,000		\$119,000	MVGT
Regional Stormwater	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$550,000	GF CIP
Sewer Cleaning Program	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$450,000	MVGT
Valley View Road Phase 1						\$234,000	\$234,000	Federal Funds
					\$10,000	\$68,500	\$78,500	MVGT
Valley View Road Phase 2						\$265,200	\$265,200	Federal Funds
					\$40,000	\$76,300	\$116,300	MVGT



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Roadway Construction Projects								
Arlington Rd Improvement	\$1,800,000						\$1,800,000	Federal Funds
	\$800,000						\$800,000	MVGT
Boston Mills Road	\$124,000	\$200,000					\$324,000	Federal Funds
	\$45,000	\$62,000					\$107,000	MVGT
Canton Road Improvements		\$915,545	\$2,233,929				\$3,149,474	Federal Funds
			\$444,621				\$444,621	MVGT
	\$30,000	\$182,222	\$444,621				\$656,842	ODOT
	\$540,000	\$1,220,012	\$2,976,830				\$4,736,842	Safety
Canton Road Resurfacing			\$800,000				\$800,000	Federal Funds
			\$200,000				\$200,000	MVGT
Canton Road Sidewalks		\$80,000	\$224,000				\$304,000	Federal Funds
		\$20,000	\$56,000				\$76,000	MVGT
Clev-Mass Rd w/Fairlawn	\$147,000						\$147,000	MVGT
Community Partnerships		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	MVGT
Countywide Guardrail Replacement & Maintenance	\$40,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$540,000	MVGT
Countywide Pavement Marking				\$150,000			\$150,000	CEAO
Killian Rd Corridor						\$440,000	\$440,000	CEAO
						\$50,000	\$50,000	MVGT
Medina Line Road				\$580,000			\$580,000	Federal Funds
				\$145,000			\$145,000	MVGT
				\$82,000			\$82,000	Other Local
Portage Lakes Drive Needs Study		\$100,000					\$100,000	MVGT
South Main St Phase VI				\$1,200,000		\$5,120,000	\$6,320,000	Federal Funds
		\$400,000		\$150,000		\$640,000	\$1,190,000	MVGT
		\$400,000		\$150,000		\$640,000	\$1,190,000	OTHER Local



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Road & Ditch Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
General Government								
Pavement, Culvert & Ditch Maintenance Trits Mill Damn	\$150,000						\$150,000	Water Funds
Total: Road & Ditch Improvements	\$6,362,493	\$7,744,779	\$11,530,001	\$7,827,100	\$8,780,600	\$16,941,000	\$59,185,972	



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
DSSS								
Pump Station Improvements								
Chaffee Road PS (Eng & Con)					\$150,000	\$750,000	\$900,000	WPCLF
PS 1 Roseland Est Aband (Eng & Con)				\$375,000			\$375,000	Sewer Funds
PS 11 Upgrade & Force Main Realignment (Con)	\$458,000						\$458,000	OWDA
PS 17 Rehabilitation (construction)			\$200,000				\$200,000	Sewer Funds
PS 19 Replacement (Land Acq & Con)	\$1,839,265						\$1,839,265	WPCLF
PS 29 Replacement (Eng and Con)		\$65,000	\$375,000				\$440,000	OWDA
PS 3 Upgrade & Force Rehab (Con)	\$452,350						\$452,350	OWDA
PS 36 Replacement (Eng and Con)	\$80,000	\$400,000					\$480,000	OWDA
PS 46 Rehabilitation					\$200,000		\$200,000	Sewer Funds
PS 6 Force Rehab, Ph 3 (Con)	\$1,270,000						\$1,270,000	WPCLF
PS 6 Pump Rep, Elect Upgrade (Con)	\$716,083						\$716,083	OWDA
PS 78 Force Main Rep (Eng and Con)		\$250,000					\$250,000	Sewer Funds
PS 90 Redirection (Eng & Con)					\$450,000	\$3,000,000	\$3,450,000	WPCLF
PS 95 Redirection (Eng & Con)					\$270,000	\$1,800,000	\$2,070,000	WPCLF



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
Sewer System Improvements								
Brandywine Olde 8 Trunk Rep (Con)	\$340,000						\$340,000	OWDA
Broadledge Sewer Rep (Eng and Con)			\$100,000				\$100,000	Sewer Funds
Clinton Sewer Cont 1, 1A & 1B (Con)		\$2,300,000	\$2,300,000	\$2,400,000			\$7,000,000	WPCLF
Clinton Sewer Sys Capacity in Canal Fulton WWTP	\$133,000						\$133,000	Sewer Funds
Columbine Sewer System (Con)	\$2,300,000						\$2,300,000	WPCLF
Darrow Rd. Sewer Rep / Repair (Con)	\$60,000						\$60,000	Sewer Funds
Fairland Road Coll Sys (Eng & Con)			\$150,000	\$1,850,000			\$2,000,000	WPCLF
Hillstock Sewer Rep (Eng and Con)		\$200,000		\$200,000		\$200,000	\$600,000	OWDA
Hines Hill Sewer Cleaning & Assess	\$50,000						\$50,000	Sewer Funds
Hines Hill Trunk Sewer Rehab			\$560,000				\$560,000	WPCLF
Hudson SSO Elim Area J (Eng & Con)	\$535,000						\$535,000	OWDA
Hudson SSO Elim Area L (Eng & Con)		\$370,000	\$370,000				\$740,000	OWDA
Indian Creek Exposure Repair (Con)	\$500,000						\$500,000	OWDA
Indian Hills Rehab (Eng and Con)			\$75,000	\$500,000			\$575,000	WPCLF
Inverness Trunk Phase 1				\$575,000			\$575,000	WPCLF
Inverness Trunk Phase 2			\$425,000				\$425,000	OWDA
Little Cuyahoga Master Meter		\$35,000	\$75,000				\$110,000	Sewer Funds
Manhole Rehabilitation Program	\$125,000	\$100,000	\$200,000	\$500,000	\$500,000	\$500,000	\$1,700,000	WPCLF
Massillon Rd/Greenbrook Const	\$103,000		\$100,000	\$100,000	\$150,000	\$150,000	\$725,000	Sewer Funds
Meadows Dam Sewer Repair	\$70,000						\$70,000	Sewer Funds
Middleton Rd Sewer Line Rep (Con)	\$1,100,000						\$1,100,000	OWDA
Mogadore Sewer Rehab		\$100,000	\$100,000	\$100,000	\$250,000	\$500,000	\$1,050,000	Sewer Funds
Mudbrook Trunk Cleaning	\$150,000			\$150,000		\$150,000	\$450,000	Sewer Funds
Mudbrook Trunk I&I Elimination	\$400,000		\$500,000	\$750,000	\$1,000,000	\$1,000,000	\$3,650,000	OWDA
Mudbrook Trunk Stabilization	\$700,000	\$2,400,000					\$3,100,000	OWDA
New Franklin Construction Mgr		\$1,000,000					\$1,000,000	WPCLF



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

<u>DESCRIPTION</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>TOTAL 2016-2021 PLAN</u>	<u>FUNDING SOURCE</u>
New Franklin Ctr 1 Zelray PS (Eng & Con)	\$120,000	\$954,000					\$1,074,000	WPCLF
New Franklin Ctr 10 Upper Deck PS & Sewer			\$312,000				\$312,000	Sewer Funds
				\$2,600,000			\$2,600,000	WPCLF
New Franklin Ctr 11 Kertesz Dr PS & Sewer						\$176,187	\$176,187	Sewer Funds
New Franklin Ctr 12 Yager Rd PS & Sewer		\$864,000					\$864,000	Sewer Funds
			\$7,200,000				\$7,200,000	WPCLF
New Franklin Ctr 13 Pancake Cr PS & Sewer			\$225,000		\$535,000		\$760,000	Sewer Funds
				\$2,000,000		\$5,350,000	\$7,350,000	WPCLF
New Franklin Ctr 2 Vanderhoof PS			\$100,000				\$100,000	Sewer Funds
				\$7,000,000			\$7,000,000	WPCLF
New Franklin Ctr 2A Man Rd Sewer	\$100,000						\$100,000	Sewer Funds
		\$1,000,000					\$1,000,000	WPCLF
New Franklin Ctr 3 Bali Rd PS & Collect		\$630,000					\$630,000	Sewer Funds
			\$4,196,000				\$4,196,000	WPCLF
New Franklin Ctr 4 State Pk PS & Collect			\$432,000				\$432,000	Sewer Funds
				\$3,600,000			\$3,600,000	WPCLF
New Franklin Ctr 5 Renninger(Eng and Con)	\$1,000,000		\$8,775,000				\$9,775,000	OWDA
New Franklin Ctr 6 Manchester Rd PS & Sewer			\$800,000				\$800,000	Sewer Funds
				\$6,652,000			\$6,652,000	WPCLF
New Franklin Ctr 7 Rex Hill Rd PS&Sewer			\$400,000				\$400,000	Sewer Funds
				\$4,000,000			\$4,000,000	WPCLF
New Franklin Ctr 7A Rex Hill Force-Barber	\$165,000						\$165,000	Sewer Funds
		\$1,100,000					\$1,100,000	WPCLF
New Franklin Ctr 8 W Nimisila PS & Sewer				\$934,000			\$934,000	Sewer Funds
					\$9,340,000		\$9,340,000	WPCLF
New Franklin Ctr 9 Sweigart PS & Sewer			\$176,000				\$176,000	Sewer Funds
				\$1,760,000			\$1,760,000	WPCLF
Old Home Ditch Repair	\$500,000						\$500,000	OWDA



2016 - 2021 CAPITAL IMPROVEMENT PROGRAM

Environmental Improvements

DESCRIPTION	2016	2017	2018	2019	2020	2021	TOTAL 2016-2021 PLAN	FUNDING SOURCE
Olde 8, Haskell Rep (Eng and Con)	\$350,000						\$350,000	Sewer Funds
PS 13 I&I Elimination		\$200,000					\$200,000	Sewer Funds
PS 36 I&I Elimination					\$156,000		\$156,000	Sewer Funds
Prospect St Sewer Line Rehab (Con)	\$80,000						\$80,000	Sewer Funds
Pump Station 36 Rep (Eng and Con)	\$250,000						\$250,000	Sewer Funds
Rhoadsdale Ave Sewer Rehab (Con)		\$250,000					\$250,000	Sewer Funds
Roseland Estates, I&I Elimination			\$524,000				\$524,000	WPCLF
Seasons -Wyoga Lake-Akron Cle		\$1,250,000					\$1,250,000	WPCLF
Stow Gorge Rep Ph1 (Con)	\$800,000						\$800,000	WPCLF
Stow Gorge Rep Ph2 (Eng and Con)		\$125,000	\$1,000,000				\$1,125,000	WPCLF
WWTP Improvements								
Plt 10, 48 Emergency Generators	\$250,000						\$250,000	Sewer Funds
Plt 25 Fishcreek Bar Screens/Oxi		\$200,000	\$2,000,000				\$2,200,000	WPCLF
Plt 25 Fishcreek Clarifier Rehab	\$785,000						\$785,000	WPCLF
Plt 25 Fishcreek Data Fire Supp	\$18,000						\$18,000	OWDA
Plt 25 RBC Rep/Oxidation Ditch				\$300,000	\$2,400,000		\$2,700,000	WPCLF
Plt 25, 36 ARCFIash Eval & Hazard	\$70,000						\$70,000	Sewer Funds
Plt 29 Aurora Shores Abandonment	\$997,500						\$997,500	WPCLF
Plt 32 Broken Fence I&I Elim			\$240,000				\$240,000	OWDA
Plt 36 Aband of RBCs/Oxi Ditch	\$125,000	\$1,350,000					\$1,475,000	WPCLF
Plt 36 Upper Tusc Tertiary Roof	\$50,000						\$50,000	Sewer Funds
Plt 49 Macedonia WWTP			\$1,800,000		\$6,650,000	\$6,650,000	\$15,100,000	WPCLF
Plt 49 Macedonia WWTP Anti-Degred				\$400,000			\$400,000	WPCLF
Total: Environmental Improvements	\$17,042,198	\$15,143,000	\$33,710,000	\$36,746,000	\$22,051,000	\$20,226,187	\$144,918,385	