

# Five Year Capital Improvement Program 2016 Update



# CITY OF KENT, OHIO FIVE YEAR CAPITAL IMPROVEMENT PLAN

Updated October 2016

When it comes to infrastructure, time has a way of turning assets into liabilities.

The City's \$150 million investment in Kent's infrastructure loses value every day. Time, weather and daily usage take their toll on an aging infrastructure. Kent's infrastructure is on-call 24 hours a day, 7 days a week, 365 days a year – and whether the tolls are paid along the way or at the end of the trip, the meter is always running. The question is how and when the bill gets paid. The Capital Improvement Plan (CIP) seeks to answer that question.

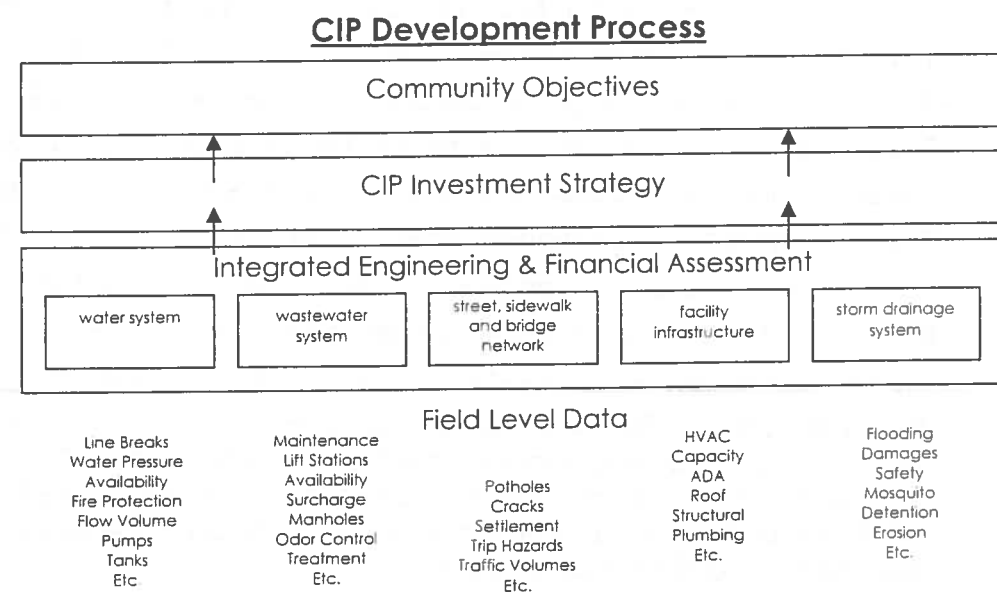
The matter of how the bill gets paid takes infrastructure into the realm of investment strategies with questions like: How valuable is the asset? How important is preservation of asset equity? What return on equity is expected? What is the risk tolerance for infrastructure failure? The answers to these questions make it possible to develop an investment strategy that matches investor goals.

The City's CIP is based on the recognition that infrastructure is not free, re-investment matters, repairs work and planning is critical.

## Investment Grade Infrastructure

Public infrastructure is the largest class of investments that Kent has made in pursuit of community prosperity. Like any successful investment strategy, managing the City's infrastructure portfolio requires balancing risks against the City's income position, asset base and goals. In this process asset allocation decisions can be aligned with strategic objectives and infrastructure equity can be leveraged to yield dividends in public safety, environmental protection, economic development and quality of life.

With over \$150 million invested in Kent's infrastructure it is fiscally imperative to preserve the value of that equity through well-planned and appropriately timed capital re-investments. The City's infrastructure is also expected to be a catalyst for new growth and accelerate economic development opportunities. Achieving both capital preservation and growth goals requires exceptional planning and a long term commitment to constructing and maintaining investment grade infrastructure.



Infrastructure performance, like market performance, has an inherent degree of uncertainty. From aspects in design, construction and daily use there are many variables that can affect infrastructure service life. The City's CIP is based on the application of proven engineering principles and practices to evaluate the City's infrastructure in order to understand the risks, quantify those risks and assess options based on probable outcomes that drive CIP project recommendations.

Infrastructure performance is a necessary – but not sufficient – condition for nearly all of the City's strategic objectives and it is integral to the City's mission of advancing community prosperity. Infrastructure makes strategic outcomes possible. When infrastructure performs at the highest levels it is capable of being leveraged to drive economic activity and enhance quality of life. Likewise, poor performing infrastructure is equally capable of impeding economic growth, impairing quality of life and undercutting efforts to stimulate community vitality. The City's CIP creates a framework for matching resource inputs to community outputs.

## Collaborative Capital Planning

The City of Kent recognizes the importance of long-range capital investment planning to maintain the health and vitality of the community. The City's Capital Improvement Plan (CIP) is a five year infrastructure plan that has been developed to provide the City's highest capital priorities with a sustainable financing schedule. The Capital priorities are built around the City's strategic goals that have been collaboratively defined through input from community members, City Council and City staff as follows:

- **Financial Health and Economic Development** .....*"to be a prosperous and livable city for all citizens"*
- **Natural Resources** .....*"to protect and promote the City's natural resources"*
- **Quality of Life** .....*"to enhance lifestyle choices through physical and social environment"*
- **Community Safety** .....*"to be an exceptionally safe city"*
- **Communities within the City** .....*"to strengthen the quality and enhance the value of neighborhoods"*
- **City / University Synergy** .....*"expand collaborative opportunities that enrich the community experience"*
- **Governmental Performance** .....*"to provide the best services at the lowest cost"*

The CIP was developed to meet the needs of Kent residents that depend upon modern and reliable utility services for public health, jobs from economic development and the lifestyle amenities and conveniences that define the quality of life in their hometown. By facilitating economic development, enhancing the tax base, forging partnerships and protecting the community's safety and environmental resources, the CIP seeks to benefit all segments of the community and support the mission of the Kent municipal government.

## Framework for Investment

The City has established a multi-year planning process as a framework to evaluate and address short and long term capital needs. With more capital outlay needs than available resources can support at any one time, this framework serves as a decision matrix for maximizing resources and selecting projects based on Council policies, priorities and sound financial principles.

The multi-year focus creates the continuity needed to focus resources towards long term strategic objectives in a decision environment that is typically dominated by the short term pressures of the annual budget cycle. This continuity does not mean that the CIP is rigid and non-adaptive. Rather, the CIP provides a platform to understand the choices and consequences of possible budgetary changes before making decisions – which is what sound fiscal management and strategic planning is all about.

The effectiveness of the CIP framework is measured by its ability to provide predictability, stability and financial sustainability for the replacement, upgrade and development of critical public facilities and infrastructure. In this way, the CIP offers a fiscally responsible approach to reconciling the gap between the mounting costs of critical infrastructure needs and affordability or the ability of the customer to pay for those needs.

Ultimately, the CIP framework ensures elected officials and citizens that major capital decisions are fully considered before they are approved and funded.

## Principle Based Programming

The general principles applied to the selection of projects in the development of the CIP include:

1. Fulfilling the 25% charter requirement for income tax allocation for capital projects;
2. Ensuring continued compliance with all applicable federal and state mandates;
3. Honoring existing financial commitments (previously approved grant or partnership agreements);
4. Leveraging public funds to obtain external funding, e.g., grants;
5. Investing in projects that yield a return on investment – internally in the form of cost savings, e.g., energy upgrades, and externally in terms of tax base growth and economic development;
6. Sustaining infrastructure performance at a level commensurate with community expectations;
7. Timing infrastructure replacement to optimize the operating-cost to capital-cost ratio;
8. Providing a balanced capital plan which funds the highest priority community needs, serving the widest array of public possible;
9. Stabilizing rates to avoid dramatic year-to-year fluctuations by amortizing costs across multiple years;
10. Utilizing conservative bond finance practices to keep debt load to a minimum and to strategically use debt when the cost of borrowing is advantageous;
11. Building towards a "pay as you go" cash position that leverages debt recoveries and rate based revenues (water, sewer, storm sewer) to reduce the need for new debt issuance;
12. Aligning and budgeting expected project costs to match realistic spending time frames.

## Capital Improvement Financing

Capital outlays can be financed with operating revenues, user charges (rates), bond proceeds, capital reserves (fund balances), lease-purchase agreements, equipment-purchase revolving funds, special assessments, and state/federal grants. The use of operating revenue to finance capital projects or equipment is called "pay-as-go" financing and has been Kent's traditional method of addressing the community's capital outlay needs.

At present, the City does not possess sufficient financial resources to both adequately meet its capital needs and maintain current levels of municipal services. Strategically, the City must either: 1) defer selected capital improvements and accept the consequences; 2) deplete operating and capital reserves to fund immediate capital needs; 3) increase revenues; or 4) a combination of two or more of the above. These options demonstrate the inter-relationship that exists between revenues, operating expenses and capital needs.

In 2011, City Council adopted a multi-year rate stabilization plan for water and sewer utilities that is designed to reduce the volatility that results from rate spikes following periods of rate increase deferrals. By allocating rate increases annually, the multi-year rate plan is a more predictable and reliable funding source. In 2016 Council authorized a \$2/month stormwater increase and directed staff to develop a new long term stormwater rate stabilization plan.

## Deferred Capital Maintenance

Investment grade infrastructure is what Kent residents and businesses expect and it is what potential investors look for when considering whether the Kent community is investment-worthy. Experience has demonstrated that there are different paths to get to investment grade infrastructure but the deferred maintenance path is a slippery slope that has proven to be a costly diversion from the financial reality of infrastructure maintenance.

Debt is not just a result of over-spending, it also arises when significant infrastructure problems go unaddressed and associated costs climb. Avoiding debt at the front-end of infrastructure maintenance (e.g., deferring capital investment) only grows the debt burden at the back-end of infrastructure maintenance; and failing to recognize this linkage or to balance this transfer of costs has proven in practice to fail both the intent of good infrastructure maintenance and the spirit of fiscal conservatism that defended deferred maintenance in the first place.

## Capital Improvement Projects

The list of projects in the Capital Improvement Program is the heart of the capital budgeting process. The list is reviewed and updated annually to provide a recurring opportunity to assess the capital needs of the City based on what has been funded and what new needs have been identified. The project list contained in this CIP for the years 2017 through 2021 represents the Administration's recommendation for the City's 5-Year Capital Improvement Program.

### Proposed 2017 Capital Program Summary

- The proposed 2017 capital program includes 54 funded projects.
- The total proposed capital program costs (including debt costs) for 2017 is \$8,783,923.
- \$2,402,500 of the \$8,783,923 (or 27.4%) in 2017 is grant or debt funded.
- The approved 2015 Capital Plan listed a total City cash contribution at 42% for 2017 and the updated 2016 Plan update for 2017 includes a 35% total City cash contribution.
- The proposed new general government City cash contribution (income tax) for 2017 is \$3,046,590.
- The estimated Charter requirement for 2017 is \$3,100,000.
- The proposed 2017 general government cash contribution is projected to be \$53,410 below the Charter requirement but actual costs are likely to meet and/or exceed the Charter target.
- The proposed 2017 debt (debt service, principle, interest) is \$1,539,690 (down from \$2.0 million in 2016).
- The City's legal debt margin (10.5% of assessed value) is approximately \$36.8 million.
- The undesignated fund balance declined by \$472,000 in 2012 to \$8.29 million.
- The undesignated fund balance increased by \$1,941,508 in 2013 to \$10.2 million.
- The undesignated fund balance increased by \$791,431 in 2014 to \$11.0 million.
- The undesignated fund balance increased by \$445,730 in 2015 to \$11.5 million.
- The undesignated fund balance is projected to decline by \$2,215,943 in 2016 to \$9.3 million.
- The managed reserve fund balance (emergency fund) is projected to be \$2.35 million in 2017.
- The amended 2011 Rate Stabilization Plan (water and sewer) included a 3% rate increase for 2017 but after 2 years of unscheduled rate plan reductions (4% in 2015 instead of planned 9%, and 3% in 2016 instead of 9%), the staff is recommending an adjusted 8% increase for 2017 and 9% in 2018 for the Water fund, and a planned 3% increase in the sewer fund, in order to "catch up" with the original Rate Plan schedule.

## 2017 Proposed Capital Project Listing By Strategic Priorities

Note: some projects may appear twice because they serve multiple priorities and some related projects have been consolidated (e.g., Fire safety equipment replacement) under a single heading rather than listed separately for each purchase.

- **Financial Health and Economic Development** .....*"to be a prosperous and livable city for all citizens"*
  - Debt Refunding (short term)
  - Ametek Site Remediation (carryover)
- **Natural Resources** .....*"to protect and promote the City's natural resources"*
  - Ametek Site Remediation (carryover)
  - River Street/Mill Race Storm Outfall
  - Valleyview/Morris Water & Stormwater Improvements
  - Hudson Road Water Main Replacement
  - Miscellaneous Water and Wastewater Equipment replacement and upgrades
  - Stormwater Rate Analysis
  - Cedar Street Reconstruction and Sanitary Sewer Replacement
  - Valleyview/Morris Water and Storm Sewer Improvements
  - River Street Sanitary Sewer Replacement
- **Quality of Life** .....*"to enhance lifestyle choices through physical and social environment"*
  - Annual Street & Sidewalk Repair Program\*
  - Valleyview/Morris Water & Stormwater Improvements
  - River Street Sanitary Sewer Replacement
- **Community Safety** .....*"to be an exceptionally safe city"*
  - Summit Street Improvement Project
  - Annual Streets & Sidewalk Repair and Replacement\*
  - Fire Safety and Prevention Equipment Replacement (new med unit)
  - Police Safety Equipment and Vehicle Replacements (unmarked cruiser, emergency siren)
  - Allen Drive Bridge Replacement
  - Minor Bike and Pedestrian Improvement Projects
  - Cedar Street Reconstruction and Sanitary Sewer Replacement
  - Spaulding/W. Main Street Traffic Signal
  - Existing Police Building Repairs (ongoing)
  - Tonkin Court Reconstruction
  - SR43 Signalization
  - Street Light Replacements
- **Communities within the City** .....*"to strengthen the quality and enhance the value of neighborhoods"*
  - Cedar Street Reconstruction and Sanitary Sewer Replacement
  - Valleyview/Morris Water and Storm Sewer Improvements
  - SR261 City-ODOT Corridor Planning Study
- **City / University Synergy** .....*"expand collaborative opportunities that enrich the community experience"*
  - Summit Street Improvement Project
  - Tonkin Court Reconstruction
- **Governmental Performance** .....*"to provide the best services at the lowest cost"*
  - Misc. Water Reclamation Plant and Lab Equipment Replacement
  - Misc. Water Treatment Plant Equipment Replacement
  - Utility Plant SCADA System Upgrades
  - SAC Roof Replacement (carryover)
  - Water Well Field Development Work
  - Central Maintenance Equipment and Vehicle Replacements

\*street repair program funds of \$1.58 million allocated for 2017

The Five Year Capital Improvement Program should be viewed as a living document reflecting the dynamics of an ever-changing environment that requires constant monitoring and adjustment as priority needs change over time. This process needs to be revisited and updated annually with the understanding that the City's Annual Budget may need to be modified from time to time in reaction to the transforming needs of the Kent community.

2016 CIP for Year 2016

Proj No	Project Name	2016 Programmed Funding*							2016 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2008CIP010	Hudson Road Water Main Repalcement				\$ -	\$ 18,916			\$ 18,916	\$ -				\$ -	\$ 18,916	Includes a \$700,000 appropriation reduction pending council approval. Project delayed due to lack of funding
2008CIP012	Southwest Sanitary Pump Station				\$ -			\$ 203,913	\$ 203,913	\$ -				\$ -	\$ 203,913	
2010CIP010	Pine Street Phase II		\$ 77,961		\$ 77,961	\$ 64,000		\$ 87,000	\$ 228,961					\$ -	\$ 228,961	Bal. to be paid through CDBG Funds
2011CIP007	Miller/Harvey/Steel Storm and Water Replacement		\$ 15,500		\$ 15,500	\$ 26,500		\$ 97,919	\$ 139,919	\$ -				\$ -	\$ 139,919	
2011CIP010	SR 43 Signalization		\$ 230,245		\$ 230,245				\$ 230,245	\$ 120,000				\$ 120,000	\$ 110,245	
2013CIP003	Avondale/Berkley Loop Waterline Improvement				\$ -	\$ -			\$ -	\$ -				\$ -	\$ -	\$20K Project deferred to future fiscal year due to re-prioritization of competing needs
2013CIP007	River Street/Mill Race Storm Outfall		\$ -		\$ -			\$ 215,000	\$ 215,000	\$ -				\$ -	\$ 215,000	
2013CIP009	West Main Street - Spaulding Traffic Signal		\$ 200,000		\$ 200,000				\$ 200,000	\$ -				\$ -	\$ 200,000	Moved from 2015 to 2016 due to lack of funding Note: MVA Insurance Coverage Apx. \$75k
2013CIP013	Garth/Spaulding & Suzanne Waterline Replacement				\$ -	\$ 21,791			\$ 21,791	\$ -				\$ -	\$ 21,791	
2015CIP010	Tonkin Court Reconstruction		\$ 463,369		\$ 463,369	\$ 89,796	\$ 56,145	\$ 65,502	\$ 674,812	\$ -				\$ -	\$ 674,812	Funding added for watermain replacement on Depeyster (Day Street to Summit) when existing water line was found not to be functioning
2015CIP011	Fairchild Bridge Signal Interconnect		\$ 20,000		\$ 20,000				\$ 20,000	\$ -				\$ -	\$ 20,000	
2015CIP012	Valleyview/Morris Water & Storm Improvements		\$ -		\$ -	\$ 38,000		\$ 40,000	\$ 78,000	\$ -				\$ -	\$ 78,000	
2015CIP013	River Street Sanitary Sewer Replacement				\$ -		\$ 60,000		\$ 60,000	\$ -				\$ -	\$ 60,000	
2016CIP001	Annual Sidewalk/Street Program - Construction		\$ 1,242,890		\$ 1,242,890	\$ -		\$ 50,000	\$ 1,292,890	\$ 360,000				\$ 360,000	\$ 932,890	\$310k OPWC Grant & \$50k OPWC No Interest Loan \$90,000 pending council approval in September
2016CIP002	Sidewalk Street Tree Damage Repairs		\$ 5,000		\$ 5,000	\$ -			\$ 5,000					\$ -	\$ 5,000	Newly Added per KCC 6/17/15
2016CIP003	College Avenue Sanitary Sewer Repairs						\$ 14,000		\$ 14,000					\$ -	\$ 14,000	
2016CIP004	Hudson Road Storm Sewer Repairs							\$ 11,000	\$ 11,000					\$ -	\$ 11,000	
1997CIP0009	Fairchild Bridge (Crain Ave Bridge)		\$ 152,850		\$ 152,850				\$ 152,850					\$ -	\$ 152,850	
1992CIP013	Summit Street Traffic Signal Coordination		\$ 13,677,946		\$ 13,677,946	\$ 8,850			\$ 13,686,796	\$ 12,310,000				\$ 12,310,000	\$ 1,376,796	Project Re-appropriated from prior year. Multiple funding sources including AMATS, HW Safety, & KSU
2013CIP008	Sanitary Sewer Model Calibration						\$ 7,700		\$ 7,700					\$ -	\$ 7,700	
2014CIP004	KSU Water Meter Vault Replacement & Improvement				\$ 8,865				\$ 8,865					\$ -	\$ 8,865	
2015CIP004	Majors/Stinaff/Cuyahoga Waterline Replacement				\$ -			\$ -	\$ -					\$ -	\$ -	\$35K/\$50K Project deferred to future fiscal year due to re-prioritization of competing needs
2008CIP006	Area Q Ph 5, Storm Sewer							\$ 5,000	\$ 5,000					\$ -	\$ 5,000	
2011CIP008	ODOT-SR 261 Resurfacing (PID 86930)		\$ 11,110		\$ 11,110				\$ 11,110					\$ -	\$ 11,110	
2010CIP005	Pine Street Construction		\$ 268		\$ 268				\$ 268					\$ -	\$ 268	
2016CIP005	Middlebury Road - Bike Lane Restriping		\$ 20,000		\$ 20,000				\$ 20,000					\$ -	\$ 20,000	

2016 CIP for Year 2016

Proj. No	Project Name	2016 Programmed Funding*							2016 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2016CIP006	Assessment of Sanitary Sewer Lines at 800 Mogadore Rd. via televising/cleaning							\$ 50,000						\$ 50,000	\$ 50,000	Emergency appropriation amendment to determine environmental impact
2016CIP007	Replacement of Storm Sewer & Headwall at Cuyahoga River Stow St. Bridge											\$ 28,000		\$ 28,000	\$ 28,000	Emergency appropriation amendment to repair headwall fallen into river
2016BFD001	Financial System Upgrades/Bus. Analytics		\$ 12,000		\$ 12,000									\$ 12,000	\$ -	New Request
2016CMD005	Hooklift Truck with V Box & Dump		\$ 150,000		\$ 150,000									\$ 150,000	\$ -	
2015CMD001	CM, Misc. Equipment		\$ 20,000		\$ 20,000	\$ 10,000	\$ 10,000							\$ 40,000	\$ -	Increased total by \$10,000 over prior yrs
2015CMD002	Trailer Mounted 26-Yd. Leaf Vacuum Unit, Replace Truck Mounted Unit		\$ 55,000		\$ 55,000									\$ 55,000	\$ -	
2015CMD005	Hooklift Truck with V Box & Dump		\$ 155,000		\$ 155,000									\$ 155,000	\$ -	Moved from 2015 to 2016 due to lack of funding
2015CMD004	1 ton Dump Truck w/ Spreader and Plow		\$ 70,000		\$ 70,000									\$ 70,000	\$ -	
2015CMD011	Pickup Trucks (1)				\$ -	\$ 13,500	\$ 13,500							\$ 27,000	\$ -	
2016CMD001	Salt Conveyor System		\$ 50,000		\$ 50,000									\$ 50,000	\$ -	Appropriation Amendment to purchase salt conveyor system for savings on outside services.
2016CMD002	Time and Attendance Reporting System for Central Maintenance		\$ 6,500		\$ 6,500									\$ 6,500	\$ -	Appropriation Amendment to develop new system.
2016CMD003	High Speed Roll-Up Door for Central Maintenance Garage		\$ 17,500		\$ 17,500	\$ 8,750	\$ 8,750							\$ 35,000	\$ 7,345	Partially funded with NOPEC Grant
2010DSR001	Various Purpose Refunding Notes and General Obligations			\$ 640,887	\$ 640,887									\$ 640,887	\$ 420,000	Principal paydown of \$210,000
2010DSR002	Issue II Loan - Fairchild			\$ 25,647	\$ 25,647									\$ 25,647	\$ -	Zero Interest
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ 4,300	\$ 4,300									\$ 4,300	\$ -	Zero Interest
2010DSR004	Note Outstanding Fire Station			\$ 1,286,955	\$ 1,286,955									\$ 1,286,955	\$ 1,010,000	Principal paydown of \$255,000, City Admin. Paid in Full in 2015
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801									\$ 29,801	\$ -	Zero Interest, anticipated beginning of repayment schedule for loan
2015ENG001	GPS Equipment		\$ 12,500		\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500						\$ 50,000	\$ -	Moved from 2015 to 2016 due to lack of funding.
2016ENG001	Aerial Mapping Update		\$ 10,000		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000						\$ 40,000	\$ -	
2015KFD003	Sta. #2, Interior Floor & Drain Relacement	\$ -			\$ -									\$ -	\$ -	Moved from 2015 to 2016 to 2017 due to lack of funding
2015KFD004	Med Unit 1822 Replacement	\$ 260,000			\$ 260,000									\$ 260,000	\$ 260,000	Cost \$260k, funding from Fire Vehicle Replacement Fund
2016KFD001	Fire Miscellaneous Equipment	\$ 32,500			\$ 32,500									\$ 32,500	\$ -	
2016KFD002	Fire Vehicle Replacement Fund	\$ 210,000			\$ 210,000									\$ 210,000	\$ -	
2016KFD003	Replace 2003 Chevy Tahoe #1800	\$ 37,500			\$ 37,500									\$ 37,500	\$ 37,500	Cost \$37.5k, funding from Fire Vehicle Replacement Fund
2016KFD005	West Side Fire Station Parking Lot	\$ -			\$ -									\$ -	\$ -	Moved to 2017
2016KFD006	Station II Roof Rebuild/Replacement	\$ 150,000			\$ 150,000									\$ 150,000	\$ -	Advanced from 2018 due to urgency
2016KFD007	Station II Expansion/Renovation	\$ 100,000			\$ 100,000									\$ 100,000	\$ -	Project Revised/Advanced from 2017
2011KPD005	Existing PD Building Minimum Repairs		\$ 25,000		\$ 25,000									\$ 25,000	\$ -	
2014KPD004	Acquisition and Training of K-9 Team		\$ -		\$ -									\$ -	\$ -	Moved to 2017 to align with deferred retirement
2014KPD006	Tasers		\$ 4,700		\$ 4,700									\$ 4,700	\$ -	

2016 CIP for Year 2016

Proj No	Project Name	2016 Programmed Funding*							2016 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2016KPD001	Police Miscellaneous Equipment		\$ 35,000		\$ 35,000				\$ 35,000						\$ 35,000	
2016KPD002	Police Unmarked Vehicle Replacement (2)		\$ -		\$ -				\$ -						\$ -	Project deferred to 2017 in trade for ballistic vests
2016KPD003	Range shed		\$ 15,000		\$ 15,000				\$ 15,000	\$ -				\$ -	\$ 15,000	
2016KPD004	Downtown Video Security Systems		\$ -		\$ -				\$ -	\$ -				\$ -	\$ -	Moved from 2016 to 2018 due to lack of funding, project needs scope definition
2012KPD005	Compliance Vehicle Replacement		\$ 40,000		\$ 40,000				\$ 40,000	\$ -				\$ -	\$ 40,000	Moved from 2015, purchased Animal Control Vehicle instead with 2015 funding
2016KPD007	Police Ballistic Vests		\$ 30,000		\$ 30,000				\$ 30,000	\$ -				\$ -	\$ 30,000	Project advanced from 2017, in place of Unmarked Vehicle replacement 2016
2016KPD009	Radio Repeaters		\$ 49,000		\$ 49,000				\$ 49,000					\$ -	\$ 49,000	Appropriation Amendment to install radio repeaters for cost savings on communications
2011KSD001	SAC Roof Replacement		\$ 10,000		\$ 10,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000	\$ -				\$ -	\$ 25,000	
2014KSD001	AMETEK Site Remediation & Building Demo		\$ 166,484		\$ 166,484				\$ 166,484	\$ 149,403				\$ 149,403	\$ 17,081	
2016KSS001	Safety & Service Depts. Phone & Network Study		\$ 30,000		\$ 30,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000	\$ -				\$ -	\$ 75,000	
2015KSS002	Citywide Phone Network Implementation		\$ 150,000		\$ 150,000				\$ 150,000	\$ -				\$ -	\$ 150,000	This project needs to be completed with the City's new police department building (15-\$25k)
2015KVM001	Vehicle Maintenance Part Storage Improvements		\$ 30,000		\$ 30,000	\$ 15,000	\$ 15,000		\$ 60,000	\$ -				\$ -	\$ 60,000	
2011WRF007	Rebuild Sec Clarifer Scum Box/Balles				\$ -		\$ 50,000		\$ 50,000	\$ -				\$ -	\$ 50,000	Moved from 2015 into 2016
2018WRF002	WRF, Dump Truck Replacement No. 1				\$ -		\$ 20,000		\$ 20,000	\$ -				\$ -	\$ 20,000	\$110,000 of this purchase was accelerated to 2015, the \$20K is a 2016 amendment for add'l equipment on this project
2014WRF004	Motor Control Center Replacement, Ph. II Construction				\$ -		\$ -		\$ -					\$ -	\$ -	\$170,000 Project deferred to future fiscal year due to re-prioritization of competing needs
2014WRF004	Concrete Repair Project				\$ -		\$ -		\$ -	\$ -				\$ -	\$ -	Moved to 2019
2016WRF004	One Auto Samplers				\$ -		\$ 5,000		\$ 5,000					\$ -	\$ 5,000	
2016WRF001	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	Moved from 2013 to 2016
2016WRF002	WRF, Electric Generator (study)				\$ -		\$ 45,000		\$ 45,000					\$ -	\$ 45,000	
2016WRF003	Electrical Replacement Program Phase I				\$ -		\$ 15,000		\$ 15,000					\$ -	\$ 15,000	
2011WRF010	Digester Heat Exchangers				\$ -		\$ 514,100		\$ 514,100	\$ -				\$ -	\$ 514,100	2015 Project re-appropriated for 2016
2014WRF014	Influent Barscreen Rehab						\$ 15,948		\$ 15,948					\$ -	\$ 15,948	2015 Project re-appropriated for 2016
2015WTP010	WTP, Vehicle Replacement				\$ -	\$ 30,000			\$ 30,000	\$ -				\$ -	\$ 30,000	
2016WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000	\$ -				\$ -	\$ 50,000	
2017WTP003	Remove and Replace Pavement with 6" Aggregate Base				\$ -	\$ 350,000			\$ 350,000	\$ -				\$ -	\$ 350,000	
2016 CIP Program Funding Totals for 2016:		\$ 790,000	\$ 17,260,823	\$ 1,987,590	\$ 20,038,413	\$ 796,468	\$ 1,196,556	\$ 641,921	\$ 22,673,358	\$ 14,674,248	\$ 3,673	\$ 3,673	\$ -	\$ 14,681,594	\$ 7,991,764	

2016 CIP for Year 2016

Proj. No	Project Name	2016 Programmed Funding*							2016 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm		

Legend:

- Reappropriated or additional appropriations in 2016

General Government Funds Summary Analysis		2016 for 2016
		CAP
Total Fire/EMS =	\$	790,000
Total Cap. Proj =	\$	17,260,823
Total Fire/EMS plus Cap. Proj =	\$	18,050,823
Total Debt Service =	\$	1,987,590
Total General Government =	\$	20,038,413
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$	14,674,248
Total General Government Funds minus Grants & Note/Bond =	\$	5,364,165
Charter Target Estimate =	\$	3,100,000
Net General Government MINUS Target =	\$	2,264,165
Previous Year Appropriations Amount =	\$	1,860,409

Total Water Funds =	\$	796,468
Total Water Grants =	\$	3,673
Total Water Funds minus Grants =	\$	792,795
Total Sanitary Funds =	\$	1,196,556
Total Sanitary Grants =	\$	3,673
Total Sanitary Funds minus Grants =	\$	1,192,883
Total Storm Funds =	\$	641,921
Total Storm Grants =	\$	-
Total Storm Funds minus Grants =	\$	641,921

403,756

Funding by Dept /Div	
Capital Projects =	
Budget & Finance =	
Community Development =	
Central Maintenance =	
Debt Service =	
Engineering =	
Fire / EMS =	
Health =	
Police =	
Service Department =	
Safety & Service =	
Vehicle Maintenance =	
Water Reclamation =	
Water Treatment =	
Total all Departments & Divisions =	\$ -

Total Expenses All Funds Including Grants =	
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Total General Government Funds minus Grants & Note/Bond =	\$	5,364,165
Total Water Funds minus Grants =	\$	792,795
Total Sanitary Funds minus Grants =	\$	1,192,883
Total Storm Funds minus Grants =	\$	641,921
Total Local Funds Cost =	\$	7,991,764



2016 CIP for Year 2017

Proj. No.	Project Name	2017 Programmed Funding*							2017 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2012CIP003	Allen Drive Bridge Replacement		\$ 15,000		\$ 15,000				\$ 15,000					\$ -	\$ 15,000	
2011CIP010	SR 43 Signalization		\$ 300,000		\$ 300,000				\$ 300,000	\$ 240,000				\$ 240,000	\$ 60,000	AMATS Funded Project moved to Federal Fiscal Year 2018 (City 2017 )
2017CIP007	Storm Water Rate Analysis				\$ -	\$ -		\$ 50,000	\$ 50,000	\$ -				\$ -	\$ 50,000	
2017CIP004	ODOT POR-MCRO FY2018(B) - PID 102352		\$ 25,000		\$ 25,000				\$ 25,000	\$ -				\$ -	\$ 25,000	Funding required to Match ODOT Urban Paving Funds
2017CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2015CIP006	Sunrise Boulevard Waterline Replacement				\$ -	\$ -			\$ -					\$ -	\$ -	Project moved to 2019
2015CIP007	Phase I, Cedar Street Reconstruction & Sanitary Replacement				\$ -	\$ 30,000	\$ 30,000	\$ 40,000	\$ 100,000					\$ -	\$ 100,000	Balance to be paid through CDBG Funds
2015CIP012	Valleyview/Morris Water & Storm Improvement				\$ -	\$ 467,000		\$ 400,000	\$ 867,000	\$ -	\$ 183,300		\$ 206,700	\$ 390,000	\$ 477,000	OPWC Anticipated Award - \$340,000 Grant, \$50,000 Loan
2015CIP013	River Street Sanitary Sewer Replacement				\$ -		\$ 710,000		\$ 710,000	\$ -				\$ -	\$ 710,000	
2017CIP001	Annual Sidewalk/Street Program Construction		\$ 1,560,000		\$ 1,560,000			\$ 20,000	\$ 1,580,000	\$ 400,000				\$ 400,000	\$ 1,180,000	\$210k added from OPWC savings from SR 43 Signalization. \$50k for sidewalks not part of street program. OPWC Funding \$250k Grant and \$150k Loan
2017CIP002	Sidewalk Street Tree Damage Repairs		\$ 5,000		\$ 5,000	\$ -			\$ 5,000					\$ -	\$ 5,000	Newly Added per KCC 6/17/15
2017CIP006	SR 261 Revisioning the Corridor - Planning Study		\$ 35,000		\$ 35,000				\$ 35,000					\$ -	\$ 35,000	AMATS Managed CC Study. AMATS grant amount \$44,400
1992CIP013	Summit Street Traffic Signal Coordination		\$ 210,000		\$ 210,000				\$ 210,000	\$ 105,000				\$ 105,000	\$ 105,000	KSU Reimbursement
2013CIP013	Garth/Spaulding & Suzanne Waterline Replacement				\$ -	\$ 794,000			\$ 794,000					\$ -	\$ 794,000	
2015CIP010	Tonkin Court Reconstruction				\$ -	\$ 149,833			\$ 149,833					\$ -	\$ 149,833	
2015CMD001	CM, Misc Equipment		\$ 22,500		\$ 22,500	\$ 12,500	\$ 12,500		\$ 47,500	\$ -				\$ -	\$ 47,500	
2017CMD002	Pickup Trucks (1)				\$ -	\$ 14,000	\$ 14,000		\$ 28,000	\$ -				\$ -	\$ 28,000	
2017CMD003	Hooklift Truck with V Box & Dump		\$ 170,000		\$ 170,000				\$ 170,000					\$ -	\$ 170,000	
2018CMD002	Sewer Jet		\$ 50,000		\$ 50,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ 300,000					\$ -	\$ 300,000	
2010DSR001	Various Purpose Refunding Notes and General Obligations			\$ 432,137	\$ 432,137				\$ 432,137	\$ 210,000				\$ 210,000	\$ 222,137	Principal paydown of \$210,000
2010DSR002	Issue II Loan - Fairchild			\$ 25,647	\$ 25,647				\$ 25,647	\$ -				\$ -	\$ 25,647	Zero Interest
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ 4,300	\$ 4,300				\$ 4,300	\$ -				\$ -	\$ 4,300	Zero Interest
2010DSR004	Note Outstanding Fire Station			\$ 1,047,805	\$ 1,047,805				\$ 1,047,805	\$ 760,000				\$ 760,000	\$ 287,805	Principal paydown of \$250,000
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801	\$ -				\$ -	\$ 29,801	Zero Interest
2017ENG003	Engineering Vehicle Replacement		\$ 9,000		\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 36,000					\$ -	\$ 36,000	
2015KFD008	Rescue 1816 Replacement	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	Defer to 2018. Cost \$619k, funding from Fire Vehicle Replacement Fund
2017KFD001	Fire Miscellaneous Equipment	\$ 35,000			\$ 35,000				\$ 35,000					\$ -	\$ 35,000	
2017KFD002	Fire Vehicle Replacement Fund	\$ 350,000			\$ 350,000				\$ 350,000					\$ -	\$ 350,000	Increase reserve build-up for Tower Truck
2017KFD005	Fire Inspection Vehicle Replacement	\$ 37,500			\$ 37,500				\$ 37,500	\$ 37,500				\$ 37,500	\$ -	Cost \$37.5k revised from \$22K, funding from Fire Vehicle Replacement Fund
2015KFD003	Sta. #2, Interior Floor & Drain Relacement	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	Defer to 2019. Moved from 2015 to 2016 to 2017 due to lack of funding

2016 CIP for Year 2017

Proj. No.	Project Name	2017 Programmed Funding*							2017 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2016KFD005	West Side Fire Station Parking Lot	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	Defer to 2018. Moved from 2016 to 2017 due to lack of funding
2019KFD003	Med Unit 1812 Replacement	\$ 260,000			\$ 260,000				\$ 260,000	\$ 260,000				\$ 260,000	\$ -	Advance replacement from 2019 refurbish. Cost \$260K funded from Fire Vehicle Replacement Fund.
2017KHD001	Pickup Truck		\$ 28,000		\$ 28,000				\$ 28,000					\$ -	\$ 28,000	Health Dept. requests new truck for mosquito control to replace 1991 Chevy.
2011KPD005	Existing PD Building Minimum Repairs		\$ 25,000		\$ 25,000				\$ 25,000						\$ 25,000	
2013KPD003	Police Emergency Siren Replacement		\$ 50,000		\$ 50,000				\$ 50,000	\$ -				\$ -	\$ 50,000	
2014KPD006	Tasers		\$ 7,400		\$ 7,400				\$ 7,400	\$ -				\$ -	\$ 7,400	
2014KPD004	Acquisition and Training of K-9 Team		\$ 15,000		\$ 15,000				\$ 15,000					\$ -	\$ 15,000	Moved from 2016
2016KPD004	Downtown Video Security Systems		\$ -		\$ -				\$ -						\$ -	Moved from 2016 and now deferred to 2018. Removed \$50,000 pending validation and further scope definition.
2017KPD001	Police Miscellaneous Equipment		\$ 35,000		\$ 35,000				\$ 35,000	\$ -				\$ -	\$ 35,000	
2016KPD002	Police Unmarked Vehicle Replacement (2)		\$ 35,000		\$ 35,000				\$ 35,000	\$ -				\$ -	\$ 35,000	Project deferred from 2016 in trade for ballistic vests
2017KPD002	Police Unmarked Vehicle Replacement (2)		\$ 28,000		\$ 28,000				\$ 28,000						\$ 28,000	Project deferred to 2018
2017KPD003	Cruiser Video Recorders		\$ 45,000		\$ 45,000				\$ 45,000	\$ -				\$ -	\$ 45,000	Project deferred to 2018
2017KPD004	Automated Parking Ticket System		\$ 5,000		\$ 5,000				\$ 5,000					\$ -	\$ 5,000	
2011KSD001	SAC Roof Replacement		\$ 10,000		\$ 10,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000	\$ -				\$ -	\$ 25,000	
2017KSD004	Misc. Roadway Lighting Equipment		\$ 10,000		\$ 10,000				\$ 10,000	\$ -				\$ -	\$ 10,000	
2017KSS001	Safety & Service Depts. Phone & Network Study		\$ 32,000		\$ 32,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 80,000	\$ -				\$ -	\$ 80,000	
2015KVM002	Vehicle Maintenance Large Truck Lift		\$ 40,000		\$ 40,000	\$ 20,000	\$ 20,000		\$ 80,000					\$ -	\$ 80,000	
2017WRF005	SCADA Updates				\$ -		\$ 15,000		\$ 15,000					\$ -	\$ 15,000	
2017WRF006	Final Clarifiers Weir Covers				\$ -		\$ 25,000		\$ 25,000					\$ -	\$ 25,000	
2017WRF007	D.A.F. Roof Repair/Replacement				\$ -		\$ 100,000		\$ 100,000					\$ -	\$ 100,000	
2017WRF003	Concrete Repair Project				\$ -		\$ 5,000		\$ 5,000	\$ -				\$ -	\$ 5,000	
2017WRF008	Lab Exhaust Hood				\$ -		\$ 16,000		\$ 16,000					\$ -	\$ 16,000	
2017WRF001	WRF. Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2017WRF002	Waterfall/Dam Upkeep				\$ -		\$ 10,000		\$ 10,000					\$ -	\$ 10,000	
2017WRF009	Lime Sludge Truck		\$ 60,000		\$ 60,000	\$ 60,000	\$ 60,000		\$ 180,000					\$ -	\$ 180,000	
2017WTP001	WTP. Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2017WTP002	Clean Wells No.s 11				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	
2017WTP005	Rehab (2) Rapid Sand Filters				\$ -	\$ 125,000			\$ 125,000					\$ -	\$ 125,000	
2011WTP004	Well Field Development				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	

**2016 CIP for Year 2017**

Proj. No.	Project Name	2017 Programmed Funding*								2017 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total		
	2016 CIP Program Funding Totals for 2017:	\$ 682,500	\$ 2,836,900	\$ 1,539,690	\$ 5,059,090	\$ 1,887,333	\$ 1,197,500	\$ 640,000	\$ 8,783,923	\$ 2,012,500	\$ 183,300	\$ -	\$ 206,700	\$ 2,402,500	\$ 6,381,423	

General Government Funds Summary Analysis		2016 for 2017
		CAP
Total Fire/EMS =	\$ 682,500	
Total Cap. Proj. =	\$ 2,836,900	
Total Fire/EMS plus Cap. Proj. =	\$ 3,519,400	
Total Debt Service =	\$ 1,539,690	
Total General Government =	\$ 5,059,090	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 2,012,500	
Total General Government Funds minus Grants & Note/Bond =	\$ 3,046,590	
Charter Target Estimate =	\$ 3,100,000	
Net General Government MINUS Target =	\$ (53,410)	

Total Water Funds =	\$ 1,887,333
Total Water Grants =	\$ 183,300
Total Water Funds minus Grants =	\$ 1,704,033
Total Sanitary Funds =	\$ 1,197,500
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 1,197,500
Total Storm Funds =	\$ 640,000
Total Storm Grants =	\$ 206,700
Total Storm Funds minus Grants =	\$ 433,300

Funding by Dept./Div.	
Capital Projects =	
Budget & Finance =	
Community Development =	
Central Maintenance =	
Debt Service =	
Engineering =	
Fire / EMS =	
Health =	
Police =	
Service Department =	
Safety & Service =	
Vehicle Maintenance =	
Water Reclamation =	
Water Treatment =	
Total all Departments & Divisions =	\$ -

Total Expenses All Funds Including Grants =	
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Total General Government Funds minus Grants & Note/Bond =	\$ 3,046,590
Total Water Funds minus Grants =	\$ 1,704,033
Total Sanitary Funds minus Grants =	\$ 1,197,500
Total Storm Funds minus Grants =	\$ 433,300
Total Local Funds Cost =	\$ 6,381,423

2016 CIP for Year 2018

Proj. No	Project Name	2018 Programmed Funding*							2018 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2008CIP012	Southwest Sanitary Pump Station				\$ -		\$ 2,000,000		\$ 2,000,000			\$ 2,000,000		\$ 2,000,000	\$ -	OEPA Loan required to fund project
2011CIP010	SR 43 Signalization		\$ 2,500,000		\$ 2,500,000				\$ 2,500,000	\$ 2,500,000				\$ 2,500,000	\$ -	AMATS (80%) and OPWC (Local Share) reimbursement
2018CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		\$ 10,000		\$ 10,000		\$ -		\$ 10,000					\$ -	\$ 10,000	
2013CIP012	Hudson Road/Franklin Township Project Participation		\$ 157,500		\$ 157,500	\$ -		\$ -	\$ 157,500	\$ -				\$ -	\$ 157,500	Preliminary PCEO Funding Estimate
2015CIP008	Rellim / Vine / Lincoln / Berkley Waterline Improvements				\$ -	\$ -			\$ -					\$ -	\$ -	Project moved to 2020
2008CIP010	Hudson Road Water Main Replacement				\$ -	\$ 1,015,000		\$ 59,000	\$ 1,074,000					\$ 1,074,000	\$ -	Project delayed from 2017
2015CIP015	ODOT - SR59 & SR43 Paving (PID 101270)		\$ 280,000		\$ 280,000				\$ 280,000					\$ -	\$ 280,000	Funding required to Match ODOT Urban Paving Funds
2018CIP001	Annual Sidewalk/Street Program - Construction		\$ 1,100,000		\$ 1,100,000			\$ 20,000	\$ 1,120,000					\$ -	\$ 1,120,000	\$50k set aside for sidewalk no part of street program per KCC in 2013
2018CIP002	Sidewalk Street Tree Damage Repairs		\$ 5,000		\$ 5,000	\$ -			\$ 5,000					\$ -	\$ 5,000	Newly Added per KCC 6/17/15
2018CIP006	Sanitary Collection System - Planning Study				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2018CIP007	ODOT POR-SR 261 Resurfacing (PID 98381)		\$ 310,000		\$ 310,000				\$ 310,000					\$ -	\$ 310,000	Funding required to Match ODOT Urban Paving Funds
2011CIP007	Miller/Harvey/Steel Storm and Water Replacement		\$ 163,000		\$ 163,000	\$ 500,000		\$ 1,000,000	\$ 1,663,000					\$ -	\$ 1,663,000	
2018CMD001	CM, Misc. Equipment		\$ 30,000		\$ 30,000	\$ 10,000	\$ 10,000		\$ 50,000					\$ -	\$ 50,000	
2018CMD003	Sewer Camera				\$ -		\$ 140,000	\$ 80,000	\$ 220,000					\$ -	\$ 220,000	
2018CMD004	Rubber Tired Front End Loader		\$ 70,000		\$ 70,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 130,000					\$ -	\$ 130,000	
2018CMD005	Maintenace & Repair Van				\$ -	\$ 40,000	\$ 40,000	\$ 40,000	\$ 120,000					\$ -	\$ 120,000	
2018CMD006	Skid Steerer		\$ 85,000		\$ 85,000				\$ 85,000					\$ -	\$ 85,000	
2018CMD011	Hoe / Excavator		\$ 100,000		\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000					\$ -	\$ 250,000	
2018CMD012	Water Leak Correlator				\$ -	\$ 50,000	\$ 50,000		\$ 100,000					\$ -	\$ 100,000	
2018CMD013	Pickup Trucks (1)				\$ -	\$ 14,500	\$ 14,500		\$ 29,000	\$ -				\$ -	\$ 29,000	
2010DSR001	Various Purpose Refunding Notes and General Obligations			\$ 216,300	\$ 216,300				\$ 216,300					\$ -	\$ 216,300	Paid in Full
2010DSR002	Issue II Loan - Fairchild			\$ 25,647	\$ 25,647				\$ 25,647					\$ -	\$ 25,647	Zero Interest
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ 4,300	\$ 4,300				\$ 4,300					\$ -	\$ 4,300	Zero Interest
2010DSR004	Note Outstanding Fire Station			\$ 790,305	\$ 790,305				\$ 790,305	\$ 510,000				\$ 510,000	\$ 280,305	Principal paydown of \$250,000
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801					\$ -	\$ 29,801	Zero Interest
2017ENG003	Enigneering Vehicle Replacement		\$ 9,000		\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 36,000					\$ -	\$ 36,000	
2018KFD001	Fire Miscellaneous Equipment	\$ 35,000			\$ 35,000				\$ 35,000					\$ -	\$ 35,000	
2018KFD002	Fire Vehicle Replacement Fund	\$ 350,000			\$ 350,000				\$ 350,000					\$ -	\$ 350,000	
2018KFD003	Thermal Imaging Equipment	\$ -			\$ -				\$ -					\$ -	\$ -	Project deferred to 2019 due to funding
2018KFD004	Station II Generator	\$ 75,000			\$ 75,000				\$ 75,000					\$ -	\$ 75,000	Removed \$75K from 2019 appears to be duplicate of 2018 request.
2015KFD008	Heavy Rescue 1816 Replacement	\$ 690,000			\$ 690,000				\$ 690,000	\$ 690,000				\$ 690,000	\$ -	Project was deferred from 2017.

2016 CIP for Year 2018

Proj No	Project Name	2018 Programmed Funding*								2018 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total		
2018KFD006	Confined Space Vehicle Replacement	\$ 150,000			\$ 150,000				\$ 150,000	\$ 150,000				\$ 150,000	\$ -	New request to replace Confined Space Veh
2018KFD007	Portable Radios Replacement (12)	\$ 21,500			\$ 21,500				\$ 21,500					\$ -	\$ 21,500	
2011KPD005	Existing PD Building Minimum Repairs		\$ -		\$ -				\$ -					\$ -	\$ -	
2014KPD006	Tasers		\$ 7,400		\$ 7,400				\$ 7,400	\$ -				\$ -	\$ 7,400	
2018KPD001	Police Miscellaneous Equipment		\$ 37,500		\$ 37,500				\$ 37,500	\$ -				\$ -	\$ 37,500	
2017KPD002	Police Unmarked Vehicle Replacement (2)		\$ 35,000		\$ 35,000				\$ 35,000					\$ -	\$ 35,000	Project deferred from 2017.
2016KPD004	Downtown Video Security Systems		\$ -		\$ -				\$ -					\$ -	\$ -	Moved from 2016 and now deferred to 2018. Removed \$50,000 pending validation and further scope definition.
2017KPD003	Cruiser Video Recorders		\$ 45,000		\$ 45,000				\$ 45,000	\$ -				\$ -	\$ 45,000	Project deferred from 2017.
2018KPD002	Portable Radios (12)		\$ 14,500		\$ 14,500				\$ 14,500					\$ -	\$ 14,500	
2018KPD003	Range Upgrade - Gravel & Electrical		\$ 35,000		\$ 35,000				\$ 35,000					\$ -	\$ 35,000	
KPD	Cruisers for Canine Units (2)		\$ 80,000		\$ 80,000				\$ 80,000					\$ -	\$ 80,000	
KPD	Cruiser for School Resource Officer		\$ 40,000		\$ 40,000				\$ 40,000					\$ -	\$ 40,000	
2011KSD001	SAC Roof Replacement		\$ 10,000		\$ 10,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000					\$ -	\$ 25,000	
2018KSD004	Misc. Roadway Lighting Equipment		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2018KSS001	Safety & Service Depts. Phone & Network Study		\$ 34,000		\$ 34,000	\$ 17,000	\$ 17,000	\$ 17,000	\$ 85,000					\$ -	\$ 85,000	
2010KVM001	Fueling Station Replacement/Relocation		\$ 133,000		\$ 133,000	\$ 33,500	\$ 33,500		\$ 200,000					\$ -	\$ 200,000	Moved from 2013 with 10% Funding Increase
2018WRF004	Final Clarifiers Weir Covers				\$ -		\$ 25,000		\$ 25,000					\$ -	\$ 25,000	
2018WRF005	Waterfall/Dam Annual Upkeep				\$ -		\$ 10,000		\$ 10,000					\$ -	\$ 10,000	
2018WRF006	Aeration Tank Ammonia Probe System				\$ -		\$ 20,000		\$ 20,000	\$ -				\$ -	\$ 20,000	
2014WRF004	Motor Control Center Replacement, Ph. I Construction				\$ -		\$ 150,000		\$ 150,000					\$ -	\$ 150,000	
2018WRF001	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2018WRF003	Post-Aeration Piping				\$ -		\$ 60,000		\$ 60,000					\$ -	\$ 60,000	
2011WTP004	Well Field Development				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2018WTP003	Vehicle Replacement				\$ -	\$ 30,000			\$ 30,000					\$ -	\$ 30,000	
2018WTP004	Rehab (2) Rapid Sand Filters				\$ -	\$ 125,000			\$ 125,000					\$ -	\$ 125,000	
2017WTP004	Paint KSU 400,000 Ground including Lead Abatement and Paint 250,000 Ground Inside and Out				\$ -	\$ 400,000			\$ 400,000					\$ -	\$ 400,000	Moved from 2017
2018WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2018WTP002	Clean Wells No.s 10				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	
					\$ -				\$ -	\$ -				\$ -	\$ -	
	2016 CIP Program Funding Totals for 2018:	\$ 1,321,500	\$ 5,300,900	\$ 1,066,353	\$ 7,688,753	\$ 2,454,000	\$ 2,754,000	\$ 1,300,000	\$ 14,196,753	\$ 3,850,000	\$ -	\$ 2,000,000	\$ -	\$ 5,850,000	\$ 8,346,753	

2016 CIP for Year 2018

Proj. No.	Project Name	2018 Programmed Funding*							2018 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm		

General Government Funds Summary Analysis		2016 for 2018
		CAP
Total Fire/EMS =	\$	1,321,500
Total Cap. Proj. =	\$	5,300,900
Total Fire/EMS plus Cap. Proj. =	\$	6,622,400
Total Debt Service =	\$	1,066,353
Total General Government =	\$	7,688,753
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$	3,850,000
Total General Government Funds minus Grants & Note/Bond =	\$	3,838,753
Charter Target Estimate =	\$	3,100,000
Net General Government MINUS Target =	\$	738,753

Total Water Funds =	\$	2,454,000
Total Water Grants =	\$	-
Total Water Funds minus Grants =	\$	2,454,000
Total Sanitary Funds =	\$	2,754,000
Total Sanitary Grants/Loans =	\$	2,000,000
Total Sanitary Funds minus Grants =	\$	754,000
Total Storm Funds =	\$	1,300,000
Total Storm Grants =	\$	-
Total Storm Funds minus Grants =	\$	1,300,000

Funding by Dept./Div.	
Capital Projects =	
Budget & Finance =	
Community Development =	
Central Maintenance =	
Debt Service =	
Engineering =	
Fire / EMS =	
Health =	
Police =	
Service Department =	
Safety & Service =	
Vehicle Maintenance =	
Water Reclamation =	
Water Treatment =	
Total all Departments & Divisions =	\$ -

Total Expenses All Funds Including Grants =	
---	--

Total General Government Funds minus Grants & Note/Bond =	\$	3,838,753
Total Water Funds minus Grants =	\$	2,454,000
Total Sanitary Funds minus Grants =	\$	754,000
Total Storm Funds minus Grants =	\$	1,300,000
Total Local Funds Cost =	\$	8,346,753

2016 CIP for Year 2019

Proj. No	Project Name	2019 Programmed Funding*								2019 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total		
2015CIP007	Phase I Cedar Street Reconstruction & Sanitary Replacement		\$ 220,000		\$ 220,000	\$ 280,000	\$ 125,000	\$ 255,000	\$ 880,000					\$ -	\$ 880,000	Balance to be Paid by CDBGF (Approx \$300,k)
2018CIP001	Annual Sidewalk/Street Program - Construction		\$ 1,200,000		\$ 1,200,000			\$ 20,000	\$ 1,220,000					\$ -	\$ 1,220,000	
2019CIP002	Sidewalk Street Tree Damage Repairs		\$ 5,000		\$ 5,000	\$ -			\$ 5,000					\$ -	\$ 5,000	Newly Added per KCC 6/17/15
2019CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2013CIP014	Short Street/Grove Avenue Sanitary Sewer Study				\$ -		\$ 35,000		\$ 35,000					\$ -	\$ 35,000	
2015CIP006	Sunrise Boulevard Waterline Replacement				\$ -	\$ 100,000			\$ 100,000					\$ -	\$ 100,000	
2012CMD003	Aerial Lift Bucket Truck Replacement		\$ 150,000		\$ 150,000				\$ 150,000					\$ -	\$ 150,000	
2015CMD009	Stump Grinder		\$ 55,000		\$ 55,000				\$ 55,000					\$ -	\$ 55,000	
2018CMD007	Street Sweeper		\$ 150,000		\$ 150,000			\$ 50,000	\$ 200,000					\$ -	\$ 200,000	Moved from 2018 to 2019 to help balance plan
2019CMD001	CM, Misc. Equipment		\$ 30,000		\$ 30,000	\$ 10,000	\$ 10,000	\$ -	\$ 50,000					\$ -	\$ 50,000	
2019CMD002	Pickup Trucks (1)				\$ -	\$ 15,000	\$ 15,000		\$ 30,000	\$ -				\$ -	\$ 30,000	
2010DSR002	Issue II Loan - Fairchild			\$ 25,647	\$ 25,647				\$ 25,647					\$ -	\$ 25,647	Zero Interest, Final Paymt Jan '19
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ 4,300	\$ 4,300				\$ 4,300					\$ -	\$ 4,300	Zero Interest
2010DSR004	Note Outstanding Fire Station			\$ 532,805	\$ 532,805				\$ 532,805	\$ 255,000				\$ 255,000	\$ 277,805	Principal paydown of \$255,000
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801					\$ -	\$ 29,801	Zero Interest
2019KFD001	Fire Miscellaneous Equipment	\$ 35,000			\$ 35,000				\$ 35,000					\$ -	\$ 35,000	
2019KFD002	Fire Vehicle Replacement Fund	\$ 350,000			\$ 350,000				\$ 350,000					\$ -	\$ 350,000	
2019KFD006	Replace Fire Prevention Vehicle	\$ 40,000			\$ 40,000				\$ 40,000	\$ 40,000				\$ 40,000	\$ -	Added to replace F-150 Unit #1866
2019KFD005	Replace Air Packs (entire department)	\$ 255,000			\$ 255,000				\$ 255,000					\$ -	\$ 255,000	Replace Air Packs for all fire fighting personnel
2018KFD003	Thermal Imaging Equipment	\$ 15,000			\$ 15,000				\$ 15,000					\$ -	\$ 15,000	Project was deferred from 2018
2019KPD001	Police Miscellaneous Equipment	\$ 37,500			\$ 37,500				\$ 37,500	\$ -				\$ -	\$ 37,500	
2019KPD002	Tasers	\$ 19,000			\$ 19,000				\$ 19,000	\$ -				\$ -	\$ 19,000	
2019KPD003	Radar Units (9)	\$ 12,000			\$ 12,000				\$ 12,000	\$ -				\$ -	\$ 12,000	
2019KPD004	Officer Sidearms	\$ 60,000			\$ 60,000				\$ 60,000	\$ -				\$ -	\$ 60,000	
KPD	Police Cruiser Replacements (9)	\$ 320,000			\$ 320,000				\$ 320,000					\$ -	\$ 320,000	
KPD	Taser Assurance (Replacement) Program	\$ 3,150			\$ 3,150				\$ 3,150					\$ -	\$ 3,150	
2011KSD001	SAC Roof Replacement	\$ 15,000			\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 30,000					\$ -	\$ 30,000	
2019KSD004	Misc. Roadway Lighting Equipment	\$ 10,000			\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2019KSS001	Safety & Service Depts. Phone & Network Study	\$ 30,000			\$ 30,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 90,000					\$ -	\$ 90,000	
2015KVM003	Vehicle Maintenance Specialities Maintenance Improvements	\$ 100,000			\$ 100,000	\$ 50,000	\$ 50,000		\$ 200,000					\$ -	\$ 200,000	
2017WRF006	Final Clarifiers Weir Covers				\$ -		\$ 25,000		\$ 25,000					\$ -	\$ 25,000	

2016 CIP for Year 2019

Proj. No.	Project Name	2019 Programmed Funding*							2019 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2014WRF004	Motor Control Center Replacement, Ph. II Construction				\$ -		\$ 170,000		\$ 170,000					\$ -	\$ 170,000	
2019WRF003	Concrete Repair Project				\$ -		\$ 5,000		\$ 5,000	\$ -				\$ -	\$ 5,000	
2019WRF001	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2019WRF002	Waterfall/Dam Annual Upkeep				\$ -		\$ 10,000		\$ 10,000					\$ -	\$ 10,000	
2019WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2019WTP002	Well Cleaning #12				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	
2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank				\$ -	\$ 680,000			\$ 680,000					\$ -	\$ 680,000	
2011WTP004	Well Field Development				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2016 CIP Program Funding Totals for 2019:		\$ 695,000	\$ 2,426,650	\$ 592,553	\$ 3,714,203	\$ 1,295,000	\$ 520,000	\$ 350,000	\$ 5,879,203	\$ 295,000	\$ -	\$ -	\$ -	\$ 295,000	\$ 5,584,203	

General Government Funds Summary Analysis		2016 for 2019
		CAP
Total Fire/EMS =	\$ 695,000	
Total Cap. Proj =	\$ 2,426,650	
Total Fire/EMS plus Cap. Proj =	\$ 3,121,650	
Total Debt Service =	\$ 592,553	
Total General Government =	\$ 3,714,203	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 295,000	
Total General Government Funds minus Grants & Note/Bond =	\$ 3,419,203	
Charter Target Estimate =	\$ 3,100,000	
Net General Government MINUS Target =	\$ 319,203	

Total Water Funds =	\$ 1,295,000
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 1,295,000
Total Sanitary Funds =	\$ 520,000
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 520,000
Total Storm Funds =	\$ 350,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 350,000

Funding by Dept./Div.	
Capital Projects =	
Budget & Finance =	
Community Development =	
Central Maintenance =	
Debt Service =	
Engineering =	
Fire / EMS =	
Health =	
Police =	
Service Department =	
Safety & Service =	
Vehicle Maintenance =	
Water Reclamation =	
Water Treatment =	
Total all Departments & Divisions =	\$ -

Total Expenses All Funds Including Grants =	
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Total General Government Funds minus Grants & Note/Bond =	\$ 3,419,203
Total Water Funds minus Grants =	\$ 1,295,000
Total Sanitary Funds minus Grants =	\$ 520,000
Total Storm Funds minus Grants =	\$ 350,000
Total Local Funds Cost =	\$ 5,584,203



2016 CIP for Year 2020

Proj. No.	Project Name	2020 Programmed Funding*								2020 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total		
2015CIP017	Reilim, Lincoln & Bowman Area Waterline Improvement				\$ -	\$ 93,000			\$ 93,000					\$ -	\$ 93,000	
2020CIP001	Annual Sidewalk/Street Program - Construction		\$ 1,200,000		\$ 1,200,000			\$ 20,000	\$ 1,220,000					\$ -	\$ 1,220,000	\$50k Set Aside for Sidewalks Outside of Street Programs
2020CIP002	Sidewalk Street Tree Damage Repairs		\$ 5,000		\$ 5,000	\$ -			\$ 5,000					\$ -	\$ 5,000	Newly Added per KCC 6/17/15
2015CIP014	West Main & Short Street Area Water Line & Sanitary Improvements				\$ -	\$ 50,000	\$ 75,000		\$ 125,000					\$ -	\$ 125,000	
2020CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2015CIP009	Leonard / Francis Waterline Replacement				\$ -	\$ 75,000			\$ 75,000					\$ -	\$ 75,000	
2015CIP006	Sunrise Boulevard Waterline Replacement				\$ -	\$ 500,000			\$ 500,000					\$ -	\$ 500,000	Moved from 2017, deferred due to funding
2020CMD001	CM, Misc. Equipment		\$ 30,000		\$ 30,000	\$ 10,000	\$ 10,000		\$ 50,000					\$ -	\$ 50,000	
2020CMD002	Pickup Trucks (1)				\$ -	\$ 15,000	\$ 15,000		\$ 30,000	\$ -				\$ -	\$ 30,000	
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ 4,300	\$ 4,300				\$ 4,300					\$ -	\$ 4,300	Zero Interest, Final Year
2010DSR004	Note Outstanding Fire Station			\$ 262,650	\$ 262,650				\$ 262,650					\$ -	\$ 262,650	Final Year, Paid in Full in 2020
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801					\$ -	\$ 29,801	Zero Interest
DSR				\$ -	\$ -				\$ -					\$ -	\$ -	
2020KFD001	Fire Miscellaneous Equipment	\$ 40,000			\$ 40,000				\$ 40,000					\$ -	\$ 40,000	
2020KFD002	Fire Vehicle Replacement Fund	\$ 350,000			\$ 350,000				\$ 350,000					\$ -	\$ 350,000	
2020KPD001	Police Miscellaneous Equipment		\$ 40,000		\$ 40,000				\$ 40,000	\$ -				\$ -	\$ 40,000	
2020KPD002	Mobile Data Terminals Replacement (9)		\$ 70,000		\$ 70,000				\$ 70,000					\$ -	\$ 70,000	
2020KPD003	Tasers		\$ 19,000		\$ 19,000				\$ 19,000					\$ -	\$ 19,000	
2020KPD004	Fingerprint Machine Replacement		\$ 12,000		\$ 12,000				\$ 12,000					\$ -	\$ 12,000	
2011KSD001	SAC Roof Replacement		\$ 15,000		\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 30,000					\$ -	\$ 30,000	
2020KSD004	Misc. Roadway Lighting Equipment		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2020KSS001	Safety & Service Depts. Phone & Network Study		\$ 32,000		\$ 32,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 95,000					\$ -	\$ 95,000	
2020KVM001	Pick-up Truck		\$ 20,000		\$ 20,000	\$ 5,000	\$ 5,000		\$ 30,000					\$ -	\$ 30,000	
2020WRF001	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2020WRF003	Final Clarifiers Weir Covers				\$ -		\$ 25,000		\$ 25,000					\$ -	\$ 25,000	
2020WRF002	Waterfall/Dam Annual Upkeep				\$ -		\$ 10,000		\$ 10,000					\$ -	\$ 10,000	
2020WRF004	WRF, Diffuser Replacement				\$ -		\$ 5,000		\$ 5,000					\$ -	\$ 5,000	
2016WRF010	WRF, Electric Generator (Construction)				\$ -		\$ 250,000		\$ 250,000					\$ -	\$ 250,000	
2014WRF004	Motor Control Center Replacement, Ph. III Construction				\$ -		\$ 185,000		\$ 185,000					\$ -	\$ 185,000	
2011WTP004	Well Field Development				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	Contingent on EPA Approval and Grants
2015WTP007	WTP, Gravel Replacement in Recharge Basin				\$ -	\$ 40,000			\$ 40,000					\$ -	\$ 40,000	

**2016 CIP for Year 2020**

Proj. No.	Project Name	2020 Programmed Funding*							2020 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2020WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2020WTP002	Clean Well No. 13				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	
2016 CIP Program Funding Totals for 2020:		\$ 390,000	\$ 1,463,000	\$ 296,751	\$ 2,149,751	\$ 949,000	\$ 656,000	\$ 46,000	\$ 3,800,751	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,800,751	

General Government Funds Summary Analysis		2016 for 2020
		CAP
Total Fire/EMS =	\$	390,000
Total Cap Proj =	\$	1,463,000
Total Fire/EMS plus Cap. Proj. =	\$	1,853,000
Total Debt Service =	\$	296,751
Total General Government =	\$	2,149,751
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$	-
Total General Government Funds minus Grants & Note/Bond =	\$	2,149,751
Charter Target Estimate =	\$	3,100,000
Net General Government MINUS Target =	\$	(950,249)

Total Water Funds =	\$	949,000
Total Water Grants =	\$	-
Total Water Funds minus Grants =	\$	949,000
Total Sanitary Funds =	\$	656,000
Total Sanitary Grants =	\$	-
Total Sanitary Funds minus Grants =	\$	656,000
Total Storm Funds =	\$	46,000
Total Storm Grants =	\$	-
Total Storm Funds minus Grants =	\$	46,000

Funding by Dept./Div	
Capital Projects =	
Budget & Finance =	
Community Development =	
Central Maintenance =	
Debt Service =	
Engineering =	
Fire / EMS =	
Health =	
Police =	
Service Department =	
Safety & Service =	
Vehicle Maintenance =	
Water Reclamation =	
Water Treatment =	
Total all Departments & Divisions =	\$ -

Total Expenses All Funds Including Grants =	
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Total General Government Funds minus Grants & Note/Bond =	\$ 2,149,751
Total Water Funds minus Grants =	\$ 949,000
Total Sanitary Funds minus Grants =	\$ 656,000
Total Storm Funds minus Grants =	\$ 46,000
Total Local Funds Cost =	\$ 3,800,751

2016 CIP for Year 2021

Proj No.	Project Name	2020 Programmed Funding*							2020 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2015CIP016	Franklin Ave/Indian Valley Sanitary Sewer Study				\$ -		\$ 45,000		\$ 45,000					\$ -	\$ 45,000	
2021CIP004	SAC Parking Lot Replacement		\$ 400,000		\$ 400,000				\$ 400,000					\$ -	\$ 400,000	
2021CIP001	Annual Sidewalk/Street Program - Construction		\$ 1,300,000		\$ 1,300,000			\$ 20,000	\$ 1,320,000					\$ -	\$ 1,320,000	\$50k Set Aside for Sidewalks Outside of Street Programs
2021CIP002	Sidewalk Street Tree Damage Repairs		\$ 5,000		\$ 5,000	\$ -			\$ 5,000					\$ -	\$ 5,000	Added per KCC 6/17/15
2021CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2015CIP004	Majors/Stinaff/Cuyahoga Waterline Replacement				\$ -	\$ 48,800		\$ 50,000	\$ 98,800					\$ -	\$ 98,800	
2015CIP009	Leonard/Francis Waterline Replacement				\$ -	\$ 555,000			\$ 555,000					\$ -	\$ 555,000	
2021CMD001	CM, Misc. Equipment		\$ 30,000		\$ 30,000	\$ 10,000	\$ 10,000		\$ 50,000					\$ -	\$ 50,000	
2021CMD010	Salt Dome Roof		\$ 60,000		\$ 60,000				\$ 60,000					\$ -	\$ 60,000	
2021CMD003	Fork Lift		\$ 20,000		\$ 20,000	\$ 5,000	\$ 5,000		\$ 30,000					\$ -	\$ 30,000	
2021CMD002	Pick-up Trucks (1)				\$ -	\$ 15,000	\$ 15,000		\$ 30,000					\$ -	\$ 30,000	
2021CMD004	Leaf Collector Truck, Chassie Only		\$ 90,000		\$ 90,000				\$ 90,000					\$ -	\$ 90,000	
2021CMD011	Stencil Machine		\$ 50,000		\$ 50,000				\$ 50,000					\$ -	\$ 50,000	
2021CMD006	Carpentry Shop Enclosure		\$ 20,000		\$ 20,000	\$ 5,000	\$ 5,000		\$ 30,000					\$ -	\$ 30,000	
2021CMD007	Vehicle GPS Units		\$ 26,000		\$ 26,000	\$ 6,500	\$ 6,500		\$ 39,000					\$ -	\$ 39,000	
2021CMD008	Brush Chipper		\$ 50,000		\$ 50,000				\$ 50,000					\$ -	\$ 50,000	
2021CMD009	Paver		\$ 300,000		\$ 300,000				\$ 300,000					\$ -	\$ 300,000	
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ 2,150	\$ 2,150				\$ 2,150					\$ -	\$ 2,150	
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801					\$ -	\$ 29,801	
2018ENG003	Engineering Vehicle Replacement		\$ 10,000		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 40,000					\$ -	\$ 40,000	
2021KFD001	Fire Miscellaneous Equipment	\$ 40,000			\$ 40,000				\$ 40,000					\$ -	\$ 40,000	
2021KFD002	Fire Vehicle Replacement Fund	\$ 350,000			\$ 350,000				\$ 350,000					\$ -	\$ 350,000	
2021KFD003	Tower 1819 Replacement	\$ 1,150,000			\$ 1,150,000				\$ 1,150,000	\$ 1,150,000				\$ 1,150,000	\$ -	
2021KFD004	Fire Turnout Gear Replacement	\$ 34,000			\$ 34,000				\$ 34,000					\$ -	\$ 34,000	
2021KPD001	Police Miscellaneous Equipment		\$ 40,000		\$ 40,000				\$ 40,000					\$ -	\$ 40,000	
2021KPD007	Police Ballistic Vests		\$ 35,000		\$ 35,000				\$ 35,000					\$ -	\$ 35,000	
2021KPD004	Acquisition and Training of K-9 Team		\$ 15,000		\$ 15,000				\$ 15,000					\$ -	\$ 15,000	
2011KSD001	SAC Roof Replacement		\$ 15,000		\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 30,000					\$ -	\$ 30,000	
2021KSD004	Misc. Roadway Lighting Equipment		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2021KSD002	Standing Rock Cemetary - Wall Replacement		\$ 100,000		\$ 100,000				\$ 100,000					\$ -	\$ 100,000	
2020KSS001	Safety & Service Depts Phone & Network Study		\$ 32,000		\$ 32,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 95,000					\$ -	\$ 95,000	

**2016 CIP for Year 2021**

Proj. No.	Project Name	2020 Programmed Funding*							2020 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2021WRF001	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2021WRF003	Concrete Repair Project				\$ -		\$ 5,000		\$ 5,000	\$ -				\$ -	\$ 5,000	
2021WRF002	Waterfall/Dam Annual Upkeep				\$ -		\$ 10,000		\$ 10,000					\$ -	\$ 10,000	
2014WRF004	Motor Control Center Replacement, Ph. IV Construction				\$ -		\$ 150,000		\$ 150,000					\$ -	\$ 150,000	
2021WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2021WTP002	Lime Slacker including Installation				\$ -	\$ 130,000			\$ 130,000					\$ -	\$ 130,000	
2021WTP003	Clean Wells No.s 11				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	
2016 CIP Program Funding Totals for 2021:		\$ 1,574,000	\$ 2,618,000	\$ 31,951	\$ 4,223,951	\$ 896,300	\$ 337,500	\$ 106,000	\$ 5,563,751	\$ 1,150,000	\$ -	\$ -	\$ -	\$ 1,150,000	\$ 4,413,751	

General Government Funds Summary Analysis		2016 for 2021
		CAP
Total Fire/EMS =	\$ 1,574,000	
Total Cap. Proj =	\$ 2,618,000	
Total Fire/EMS plus Cap. Proj =	\$ 4,192,000	
Total Debt Service =	\$ 31,951	
Total General Government =	\$ 4,223,951	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 1,150,000	
Total General Government Funds minus Grants & Note/Bond =	\$ 3,073,951	
Charter Target Estimate =	\$ 3,100,000	
Net General Government MINUS Target =	\$ (26,049)	

Total Water Funds =	\$ 896,300
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 896,300
Total Sanitary Funds =	\$ 337,500
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 337,500
Total Storm Funds =	\$ 106,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 106,000

Funding by Dept /Div.	
Capital Projects =	
Budget & Finance =	
Community Development =	
Central Maintenance =	
Debt Service =	
Engineering =	
Fire / EMS =	
Health =	
Police =	
Service Department =	
Safety & Service =	
Vehicle Maintenance =	
Water Reclamation =	
Water Treatment =	
Total all Departments & Divisions =	

Total Expenses All Funds Including Grants =	
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Total General Government Funds minus Grants & Note/Bond =	\$ 3,073,951
Total Water Funds minus Grants =	\$ 896,300
Total Sanitary Funds minus Grants =	\$ 337,500
Total Storm Funds minus Grants =	\$ 106,000
Total Local Funds Cost =	\$ 4,413,751

**2016 CAP PLAN UPDATE  
2016 - 2021 Project Descriptions**

Proj.#	Description	2016	2017	2018	2019	2020	2021	6-Year Total 2016 - 2021
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
	<b>Community Development Projects &amp; Equipment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CM-12-03 2012CMD003	<b>Aerial Lift Bucket Truck Replacement</b> - The aerial lift truck is used by the Central Maintenance Division for trimming and pruning trees, hanging Christmas decoration, and assisting other departments in all types of aerial endeavors. It is very important that this truck is working at top performance as people are extended into the air at great heights. The current unit was a used demo when it was purchased and will have been in service for the City for over 20 years. Originally programmed for purchase in 2014.				\$ 150,000			\$ 150,000
CM-15-01 2015CMD001	<b>Central Maintenance Misc. Capital Equipment</b> - [Also CM-14-00, CM-15-01, CM-16-01, CM-17-01, CM-18-01, CM-19-01, CM-20-01, & CM-21-01 ] This funding source allows the Central Maintenance Division to purchase small capital equipment items greater than \$2,500	\$ 40,000	\$ 47,500	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 287,500
CM-15-11 2015CMD011	<b>Pickup Truck</b> - (Replace 1 in 2016 CM-15-11, in 2017 CM-17-02, in 2018 CM-18-13, in 2019 CM-19-02, in 2020 CM-20-02, and 1 in 2021 CM-21-02) The older pickup trucks are rusting at the frames and require increased maintenance to keep them running. Pickup trucks are a critical part of Central Maintenance and need to be kept in good condition. They are used daily for transporting staff, equipment and material and receive additional hours running to keep the safety lights working when the crews are out working in the street.	\$ 27,000	\$ 28,000	\$ 29,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 174,000
CM-15-04 2015CMD004	<b>1 ton Dump Truck w/ Spreader and Plow</b> - (Once scheduled in 2012 moved to 2015 and 2016 CM-16-04) The one ton dump trucks will replace one of the three 1995 Ford one ton dump trucks. They are used to plow and salt alleys and cul-de-sacs and they also serve as asphalt patch trucks and chipping trucks. These trucks can pull a variety of trailers and are available on the state bid list.	\$ 70,000						\$ 70,000
CM-15-05 2015CMD005	<b>Hooklift Truck with V Box &amp; Dump</b> - (1 Replacement for 2015 moved to 2016. Two plow trucks replaced in 2016 (2015CCMD005 and 2016CMD005) and one truck in 2017 (2017CMD003).	\$ 305,000	\$ 170,000					\$ 475,000
CM-18-11 2018CMD011	<b>Hoe / Excavator</b> - The purchase of a new Excavator will replace one of the two current 1995 Ford 655 Rubber tire Backhoes. The current city Excavator has provided the division more flexibility in repairing and maintaining the sanitary, storm and water systems,			\$ 250,000				\$ 250,000
CM-15-09 2015CMD009	<b>Stump Grinder</b> - The current stump grinder was purchased in 1995 and 24 years old in 2019.				\$ 55,000			\$ 55,000
CM-15-02 2015CMD002	<b>Trailer Mounted 26-Yd. Leaf Vacuum Unit, Replace #199 a 1985 Truck Mounted Unit</b> - (Replaced 1 in 2014 and replaced 2 in 2015 CM-15-02) This vehicle will replace the old #199 1985 Truck Mounted Leaf Vacuum unit. The Central Maintenance Division has Truck Mounted leaf vacuum units. Four of these had the Vacuum units replaced between 1998 and 2000. The 1985 truck did not get replaced and is in need of replacement. Every year the Mechanics nurse this unit through the leaf program but if it is not replaced in the near future then the program will get further behind each year. The division has worked very hard to try to keep the leaf program on schedule but if one of the Leaf machines goes down then that puts us behind. It is agreed between the Central Maintenance Manager and Master mechanic that the City needs to get away from the truck mounted combination unit and go with trailer mounted units. This type is less expensive and less maintenance.	\$ 55,000						\$ 55,000
CM-16-01 2016CMD001	<b>Salt Conveyor System</b> - Approved amendment to acquire this equipment in place of paying various salt vendors extra to pile each delivery. Net projected savings within several winter seasons.	\$ 50,000						\$ 50,000
CM-16-02 2016CMD002	<b>Time &amp; Attendance Reporting System</b> - Requested amendment to acquire a new system to more effectively and efficiently account for Central Maintenance staffing hours.	\$ 6,500						\$ 6,500
CM-16-03 2016CMD003	<b>High Speed Roll-Up Door</b> - Requested amendment to replace Central Maintenance Garage Doors with this equipment to improve energy efficiency and reduce utility costs. Project is significantly funded with NOPEC Grant proceeds.	\$ 35,000						\$ 35,000
CM-18-02 2018CMD002	<b>Sewer Jet (Sewer Cleaning Machine)</b> - The purchase of a new truck mounted sewer jetting and vacuum machine to replace the older Sewer Jet which is becoming worn out and unsafe to operate.		\$ 300,000					\$ 300,000
CM-18-03 2018CMD003	<b>Sewer Camera</b> - The Sewer Camera is an integral part of providing sewer service to customers. The equipment locates defects in the sewer system without the need to complete expensive exploratory excavation. The budget includes cost of vehicle.			\$ 220,000				\$ 220,000
CM-18-04 2018CMD004	<b>Rubber Tired Front End Loader</b> - Replace existing Front End Loader model that has exceeded its useful life. Continued use is cost prohibitive due to high maintenance costs and lack of reliability.			\$ 130,000				\$ 130,000
CM-18-05 2018CMD005	<b>Maintenance and Repair Van</b> - The replacement of the Maintenance and Repair Van used to support utility collection and distribution operations is required due to the age of the existing equipment.			\$ 120,000				\$ 120,000
CM-18-06 2018CMD006	<b>Skid Steerer</b> - The current Skid Steerer is at the end of its useful life and needs to be replaced. The City's unit is used not only for loading but has additional attachments for grading pavement and for use as a fork lift.			\$ 85,000				\$ 85,000
CM-18-07 2018CMD007	<b>Street Sweeper</b> - The purchase of a new Street Sweeper to replace the current equipment due to age. The City's Street Sweeper is used to clean weekly throughout the City and the cleaning operation supports the City's Ohio EPA Storm Water Permit water quality requirements				\$ 200,000			\$ 200,000
CM-18-08 2018CMD008	<b>Hot Box</b> - The Hot Box is used to maintain workable temperatures for asphalt placed by staff to maintain asphalt pavement throughout the City. The current Hot Box is near the end of its usefully life and needs to be replaced.					\$ -		\$ -
CM-18-09 2018CMD009	<b>Paver</b> - The Asphalt Paver is used to asphalt pavement throughout the City. The current Paver is near the end of its usefully life and needs to be replaced.					\$ -		\$ -
CM-18-10 2018CMD010	<b>Material Screen</b> - This is a new piece of equipment requested to be used in conjunction with the multi-jurisdictional asphalt recycler. The asphalt recycler works best with large pieces of asphalt and the City needs smaller pieces of asphalt for alley and berming work. The purpose of a Material Screen is to separate the recycled asphalt into sizes for specific use. <b>Staff fabricated screen.</b>							\$ -
CM-18-12 2018CMD012	<b>Water Leak Correlator</b> - This is a replacement/upgrade equipment request. A Water Leak Correlator is used to locate underground water leaks thus minimizing the amount of exploratory excavation required to determine the exact location of the leak.			\$ 100,000				\$ 100,000
CM-21-10 2021CMD010	<b>Salt Dome Roof</b> - This project will replace the existing roof on the salt dome located near Plum Creek Park. The roof was installed in 1993. Several repairs have been made to date and it is need of replacement.						\$ 60,000	\$ 60,000
CM-21-03 2021CMD003	<b>Fork Lift</b> - This purchase will be used for internal and external use to off load supplies delivered to central maintenance. It will allow Central Maintenance to effectively use the storage facilities at 930 Overholt, by permitting vertical storage of heavy materials.						\$ 30,000	\$ 30,000
CM-21-04 2021CMD004	<b>Leaf Collector Truck, Chassis Only</b> - This purchase will provide the chassis to replace an existing 1985 chassis. Vehicle maintenance will be salvaging the leaf collection unit to reuse with the new chassis, providing a savings of approximately \$60,000.						\$ 90,000	\$ 90,000
CM-21-11 2021CMD011	<b>Stencil Machine</b> - This purchase will provide the division will the capacity to replace the new signage used downtown in house. It will also provide the additional efficiency when making signs in-house.						\$ 50,000	\$ 50,000
CM-21-06 2021CMD006	<b>Carpentry Shop Enclosure</b> - This project will provide new enclosed storage for additional materials that have been required primarily for the servicing of downtown. This includes trash cans, benches and other items as needed. Currently these items are stored outside, exposed to the elements.						\$ 30,000	\$ 30,000
CM-21-07 2021CMD007	<b>Vehicle GPS Units</b> - This equipment will provide GPS locating units on all Central Maintenance vehicles. The purpose is to provide information which will allow staff to better respond to residents questions. Typical questions involving leaf and brush pickup as well as snow plowing will be able to be answered more quickly and accurately with the units.						\$ 39,000	\$ 39,000
CM-21-08 2021CMD008	<b>Brush Chipper</b> - This purchase will replace one the existing three brush chippers.						\$ 50,000	\$ 50,000
CM-21-09 2021CMD009	<b>Paver</b> - This purchase will replace the existing mini-paver with a new paver that will provide for some additional efficiency and capacity for the division to maintain existing pavements.						\$ 300,000	\$ 300,000
	<b>Central Maintenance Equipment</b>	\$ 588,500	\$ 545,500	\$ 984,000	\$ 485,000	\$ 80,000	\$ 729,000	\$ 3,412,000
DS-10-01	<b>Various Purpose Refunding Notes General Obligation Bonds</b>	\$ 640,887	\$ 432,137	\$ 216,300	n/a	n/a	n/a	\$ 1,289,324
DS-10-02	<b>Issue II Loan - Fairchild</b> -	\$ 25,647	\$ 25,647	\$ 25,647	\$ 25,647	n/a	n/a	\$ 102,588
DS-10-03	<b>Issue II Loan - Elm/Mae/Morris</b> -	\$ 4,300	\$ 4,300	\$ 4,300	\$ 4,300	\$ 4,300	\$ 2,150	\$ 23,650
DS-10-04	<b>Note Outstanding Fire Station/City Admin.</b> -	\$ 1,286,955	\$ 1,047,805	\$ 790,305	\$ 532,805	\$ 262,650	n/a	\$ 3,920,520
DS-10-05	<b>Issue II Loan - Downtown Erie-Depeyster</b>	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801	\$ 178,806
	<b>Debt Service</b>	\$ 1,987,590	\$ 1,539,690	\$ 1,066,353	\$ 592,553	\$ 296,751	\$ 31,951	\$ 5,514,888

**2016 CAP PLAN UPDATE  
2016 - 2021 Project Descriptions**

Proj.#	Description	2016	2017	2018	2019	2020	2021	6-Year Total 2016 - 2021
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
ED-15-01 2015ENG001	<b>GPS Equipment Replacement</b> - The GPS equipment currently used by the City was purchased in 2003 and requires replacement.	\$ 50,000						\$ 50,000
ED-16-01 2016ENG001	<b>Aerial Mapping Update</b> - This project provided for updated aerial mapping for the City. The mapping is a primary planning tool and is necessary to update the storm sewer fee schedule. The mapping was last done in 1999.	\$ 40,000						\$ 40,000
ED-17-03 2017ENG003	<b>Inspection Vehicle</b> - The Engineering Division is requesting to replace vehicles used for construction inspection and a minivan that is used by other departments when multiple staff go to training. All the vehicles were recommended for replacement by the vehicle maintenance division.		\$ 36,000	\$ 36,000		\$ -	\$ 40,000	\$ 112,000
	<b>Engineering Division</b>	\$ 90,000	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 40,000	\$ 202,000
FD-14-04 2014KFD004	<b>Fire Prevention Reporting</b> - This equipment will provide the fire inspectors the hardware and software to enter field inspections into a pad device and generate reports for building owners quicker.							\$ -
FD-17-01 2017KFD001	<b>Fire Department Miscellaneous Equipment</b> - (Additional Years F5-16-01, FD-17-01, FD-18-01, FD-19-01, & FD-20-01, ) - Funds are used each year to provide for smaller identified capital needs of the Kent Fire Department.	\$ 32,500	\$ 35,000	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 217,500
FD-17-02 2017KFD002	<b>Fire Vehicle Replacement Fund</b> - (Additional Years 16-02, 17-02, 18-02, 19-02, & 20-02, ) - An increase of annual dedicated amount for this fund is recommended based on the current estimates of time and projected replacement costs. This is a conservative estimate based on optimal life of the current equipment, and a very conservative 3% inflation factor. An increase of annual dedicated amount for this fund was requested. Due to the City's current financial status, a continuation of the prior year amount is recommended. An increase in 2014 (FD-14-02) of annual dedicated amount for this fund is recommended based on the current estimates of time and projected replacement costs. This is a conservative estimate based on optimal life of the current equipment, and is less than the requested amount.	\$ 210,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,960,000
FD-15-03 2015KFD003	<b>Sta. #2, Interior Floor Drain Replacement</b> - Replacement of concrete flooring and drainage system in the West Side Station equipment bays - The concrete floor has degraded significantly since the station was built over fifty years ago. Recently pieces of steel were added to the drain grate to keep them from falling into the drains. This repair was a short term fix in order to get the repair of the floor into the capital plan. The concrete floors are also shifting which is causing a tripping hazard along with the problems with the drains. <b>Project deferred to at least 2019 due to funding.</b>	\$ -	\$ -					\$ -
FD-15-04 2015KFD004	<b>Med Unit 1822</b> - A 2004 Ambulance unit which will be at the end of it's usefulness due to wear, etc. <b>Replacement has been displaced by one year from normal projected replacement time.</b>	\$ 260,000						\$ 260,000
FD-15-05 2015KFD005	<b>Rescue 1816 Replacement</b> - This vehicle is a 1992 heavy rescue vehicle. It underwent substantial maintenance work(\$85k) which has given us the potential of extending it's usable life to 2015. But that is the extent of the likelihood of it's continued use. The amount shown in this line is the balance after applying accumulated and current reserve fund amounts. <b>Defer to 2018 based on condition of the vehicle. Added \$40K for tools on unit (Jaws of Life, etc.)</b>		\$ -	\$ 690,000				\$ 690,000
FD-16-02 2016KFD002	<b>Replace 2003 Chevy Tahoe #1800</b> - The current unit 1800 will be thirteen years old during this period.	\$ 37,500						\$ 37,500
FD-16-03 2016KFD003	<b>Replace Pick-Up 1826</b> - The vehicle is a 2004 model with replacement deferred from 2014	\$ -						\$ -
FD-16-05 2016KFD005	<b>West Side Fire Station Parking Lot</b> - drainage and pavement repair. <b>Project deferred to at least 2018 due to funding.</b>	\$ -	\$ -					\$ -
FD-16-06 2016KFD006	<b>West Side Fire Station Roof</b> - Rebuild roof structure to pitched roof and replace roofing to correct chronic problems and leaks	\$ 150,000						\$ 150,000
FD-16-07 2016KFD007	<b>West Side Fire Station Expansion/Renovation</b> - Project advanced/revised from 2017 to save costs by coinciding with roof project. Orig. project revised to expand station for separate area to store Turnout Gear and also renovate existing kitchen.	\$ 100,000						\$ 100,000
FD-17-05 2017KFD005	<b>Fire Inspection Vehicle Replacement</b> -		\$ 37,500					\$ 37,500
FD-18-03 2018KFD003	<b>Thermal Imaging Equipment</b> - This is a replacement/upgrade equipment request. A Thermal Imaging Camera is used by staff to find the location of hot objects not visible due to smoke or hidden inside of walls or floor cavities.			\$ -	\$ 15,000			\$ 15,000
FD-18-04 2018KFD004	<b>Station II Generator</b> - Installation of a Generator at Station II will provide the station the ability to remain operational when commercial power is lost.			\$ 75,000				\$ 75,000
FD-18-06 2018KFD006	<b>Replace Confined Space Vehicle</b> -			\$ 150,000				\$ 150,000
FD-18-07 2018KFD007	<b>Portable Radios</b> - Replacement 12 of the Fire Department's portable radios.			\$ 21,500				\$ 21,500
FD-19-03 2019KFD003	<b>Replace Med Unit 1812 (was Refurbish 2008 Chev Med Unit)</b> - Project advanced from 2019 plan and determined full replacement was needed.		\$ 260,000		\$ -			\$ 260,000
FD-19-05 2019KFD005	<b>Replace Air Packs</b> - Replace air packs for all firefighting personnel				\$ 255,000			\$ 255,000
FD-21-03 2021KFD003	<b>Tower 1819 Replacement</b> - This vehicle is a 1992 heavy rescue vehicle.						\$ 1,150,000	\$ 1,150,000
FD-21-04 2021KFD004	<b>Replace Turnout Gear</b> - Replace all firefighting turnout gear for personnel,						\$ 34,000	\$ 34,000
FD-19-06 2019KFD006	<b>Replace Fire Prevention Pick-Up 1866</b> - The vehicle is a 2009 model.				\$ 40,000			\$ 40,000
	<b>Fire Department Equipment</b>	\$ 790,000	\$ 682,500	\$ 1,321,500	\$ 695,000	\$ 390,000	\$ 1,574,000	\$ 5,453,000
HD-17-01 2017KHD001	<b>Pickup Truck</b> - The Health Department is requesting a replacement vehicle for a 1991 Chevy Cheyenne P/U being used primarily for mosquito control. Request has been approved by the Health Board for submission in Capital Plan.		\$ 28,000					\$ 28,000
	<b>Health Department</b>	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ 28,000
PD-11-05 2011KPD005	<b>Existing PD Building Minimum Repairs</b> - This project will provide minimum repairs to the existing Police Department Facility	\$ 25,000	\$ 25,000					\$ 50,000
PD-15-05 2015KPD005	<b>Compliance Vehicle Replacement</b> - This vehicle replaces the 2002 Jeep used by the City's Compliance Officer.	\$ 40,000						\$ 40,000
PD-13-03 2013KPD003	<b>Police Emergency Siren Replacement</b> - The emergency siren replacement is projected for the sites at the Fairchild Water Tower and the Franklin Avenue Recreation Center. These are the two remaining sirens from the original installation over twenty years ago.		\$ 50,000					\$ 50,000
PD-14-04 2014KPD004	<b>Acquisition and Training of K-9 Team</b> - Added in 2012, to anticipate the retirement of one of the department K-9 teams. The animal in question will be eight years old at this time. <b>Project moved to 2017 to align with deferred retirement plans.</b>	\$ -	\$ 15,000				\$ 15,000	\$ 30,000
PD-14-06 2014KPD006	<b>Tasers</b> - (additional Years PD-19-02 & PD-20-03) The current inventory of Tasers have reached the end of their useful life and need to be replaced.	\$ 4,700	\$ 7,400	\$ 7,400	\$ 19,000	\$ 19,000		\$ 57,500
PD-17-01 2017KPD001	<b>Police Department Miscellaneous Equipment</b> - (Additional Years PD-18-01, PD-19-01, PD-20-01, PD-21-01 ) - Funds are used each year to provide for smaller identified capital needs of the Kent Police Department.	\$ 35,000	\$ 35,000	\$ 37,500	\$ 37,500	\$ 40,000	\$ 40,000	\$ 225,000
PD-17-02 2017KPD002	<b>Police Unmarked Vehicle Replacement</b> - PD-14-02, PD-15-02, & PD-17-02 - The Police unmarked vehicle replacements are estimated during future years but will only be replaced as needed.	\$ -	\$ 28,000	\$ 35,000				\$ 63,000
PD-16-02 2016KPD002	<b>Police Unmarked Vehicle Replacement</b> - PD-16-02 - Deferred from 2016 in trade for ballistic vests		\$ 35,000					\$ 35,000
PD-16-03 2016KPD003	<b>Range shed</b> - The current storage and training building at the range is declining and will need either a major rebuild or replacement.	\$ 15,000						\$ 15,000

**2016 CAP PLAN UPDATE  
2016 - 2021 Project Descriptions**

Proj.#	Description	2016	2017	2018	2019	2020	2021	6-Year Total 2016 - 2021
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PD-16-04 2016KPD004	<b>Video Security Systems</b> - The implementation of this program is intended to improve security in the downtown and esplanade area. The system would involve the installation of five dual camera boxes at strategic locations which would record and retain images if needed to investigate criminal or vandalism behavior. 1 Tb memory per unit. <b>Project needs scope definition.</b>	\$ -	\$ -					\$ -
PD-16-07 2016KPD007	<b>Police Ballistic Vests</b> - Replacement of the Police Department's personnel's ballistic vests is consistent with the Collective Bargaining Agreement 5-year replacement policy.	\$ 30,000					\$ 35,000	\$ 65,000
PD-16-09 2016KPD009	<b>Radio Repeaters</b> - Approved Appropriation Amendment to improve communications and reduce/eliminate AT&T escalating costs.	\$ 49,000						\$ 49,000
PD-17-03 2017KPD003	<b>Cruiser Video Recorders</b> - The cruiser video recorders have become an invaluable tool in the prosecution of offenders and in documenting the efforts of the officers who work the streets. This equipment is severely impacted by weather and vehicle mounting.		\$ 45,000	\$ 45,000				\$ 90,000
PD-17-04 2017KPD004	<b>Automated Parking Ticket System</b> - (with hand helds) Current system purchased in 1994 for \$27,000. Annual service contract is currently \$1240. Parking Ticket System between Budget & Finance and Police Department is supported by a dedicated phone line. The vendor, (Enforcement Technology of Oceanside, California) advised two years ago that they were unsure how much longer they could support the antiquated 15 year-old AutoCite system which is not compatible with today's electronic technology. Support of the AutoPark (the accounting software package of the AutoCite system) no longer has a service contract with it.		\$ 5,000					\$ 5,000
PD-18-02 2018KPD002	<b>Portable Radios</b> - Replacement of the Police Department's portable radios.			\$ 14,500				\$ 14,500
PD-18-03 2018KPD003	<b>Range Shed Upgrade</b> - Need to install and grade gravel and upgrade electrical service at current storage and training building at the range.			\$ 35,000				\$ 35,000
PD-18-04 2018KPD004	<b>Police Cruiser Replacement for Canine Units (2)</b> - Need to replace police cruisers used by the canine units.			\$ 80,000				\$ 80,000
PD-18-05 2018KPD005	<b>Police Cruiser Replacement for SRO</b> - Need to replacement police cruiser used by the School Resource Officer.			\$ 40,000				\$ 40,000
PD-19-03 2019KPD003	<b>Radar Units (9)</b> - Last purchased in 2012 and will require replacement as they are subject to exterior weather conditions.				\$ 12,000			\$ 12,000
PD-19-04 2019KPD004	<b>Officer Sidearms</b> - Purchased in 2009, sidearms have a life expectancy of 10-years, total number of weapons to be replaced 45.				\$ 60,000			\$ 60,000
PD-19-05 2019KPD005	<b>Police Cruisers</b> - (Qty. 9, Total Shown) - The year 2019 will complete four years with the current fleet of nine vehicles.				\$ 320,000			\$ 320,000
PD-19-06 2019KPD006	<b>Taser Assurance Program</b> - Essentially an insurance program that will replace limited amount of current inventory of Tasers have reached the end of their useful life and need to be replaced.				\$ 3,150			\$ 3,150
PD-20-02 2020KPD002	<b>Mobile Data Terminals (9)</b> This request is intended to provide for the replacement of fifteen computers which were most-recently deployed in April 2015. The typical life span is 5 years. It is requested that they be budgeted for 2020, or 2021 at the latest. That amount should cover incidental items and/or the chance that the technology becomes pricier by then. Actual amount spent in 2015 was \$60k.					\$ 70,000		\$ 70,000
PD-20-04 2020KPD004	<b>Fingerprint Machine</b> This request is intended to provide for the replacement of one fingerprint machine with digital scanning capability.					\$ 12,000		\$ 12,000
	<b>Police Department Equipment</b>	\$ 198,700	\$ 245,400	\$ 294,400	\$ 451,650	\$ 141,000	\$ 90,000	\$ 1,421,150
SA-11-01 2011KSD001	<b>SAC Roof Replacement</b> - The Service Complex roof is identified as needing replaced because it is reaching it's design life.	\$ 25,000	\$ 25,000	\$ 25,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 165,000
SA-14-01 2014KSD001	<b>AMETEK Site Remediation &amp; Building Demo</b> - This project is part of the downtown redevelopment and includes the purchasing of the AMETEK property of Lake Street (\$106,000) and remediating the site up to a maximum amount of \$500,000 of City funds. The project conditions were set in the AMETEK Purchase Agreement executed in April 2011.	\$ 166,484						\$ 166,484
SA-17-04 2017KSD004	<b>Misc. Roadway Lighting Equipment</b> - This project is required to replace City owned light poles that are damaged by motor vehicle accidents. The funds are typically reimbursed through insurance claims.		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
SA-21-02 2021KSD002	<b>Standing Rock Cemetary - Wall Replacement</b> - This project will replace the retaining wall along SR 43 at Standing Rock Cemetary.						\$ 100,000	\$ 100,000
	<b>Service Department, Facilities Capital Maintenance and Capital Projects</b>	\$ 191,484	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 140,000	\$ 481,484
SS-17-01 2017KSS001	<b>Safety &amp; Service Depts. Phone &amp; Network Study</b> - Prior to the end of the current AT&T phone system and data network Agreement staff recommends exploring alternative solutions to the system. Funding for the project will allow for identifying less expensive alternatives and develop a timeline to implement a new system prior to AT&T Agreement expiration. The 2012 funding amount is a budget amount and will be adjusted based on the study in 2011.	\$ 75,000	\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 95,000	\$ 520,000
SS-15-02 2015KSS002	<b>Citywide Phone Network Planning and Implementation</b> - This funding is requested to replace the City's old digital phone system. The new system needs to be installed as the New Police Building goes opens. The new phone systems will take advantage of new technology, VoIP.	\$ 150,000						\$ 150,000
	<b>Safety &amp; Service, Communications and IT</b>	\$ 225,000	\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 95,000	\$ 670,000

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VM-10-01	<b>Fueling Station Replacment/Relocation</b> - This capital project will remove the City's buried gasoline and diesel fuel tanks and relocate the City's fueling facility closer to Vehicle Maintenance placing above ground storage tanks at a new secure location.			\$ 200,000				\$ 200,000
VM-15-01 2015KVM001	<b>Vehicle Maintenance Part Storage Improvements</b> - Additional parts storage and public restroom.	\$ 60,000						\$ 60,000
VM-15-02 2015KVM002	<b>Vehicle Maintenance Large Truck Lift</b> - The addition of a Large Truck Lift will provide for maintenance of vehicles such as fire and sewer vac trucks.		\$ 80,000					\$ 80,000
VM-15-03 2015KVM003	<b>Vehicle Maintenance Specialities Maintenance Improvements</b> - Additional maintenance area provided for specialities maintenance such as welding and painting.				\$ 200,000			\$ 200,000
VM-20-01 2020KVM001	<b>Pickup Truck</b> - Central maintenance has thirteen (13) pick-up trucks in the fleet and the worst trucks have significant corrosion, which has required their replacement.					\$ 30,000		\$ 30,000
	<b>Vehicle Maintenance</b>	\$ 60,000	\$ 80,000	\$ 200,000	\$ 200,000	\$ 30,000	\$ -	\$ 570,000
WR-11-07 2011WRF007	<b>Rebuild Sec. Clarifer Scum Box/Baffles</b> - This infrastructure was either installed new (2)or rehabbed (2) in 1984. They have deteriorated from corrosion and wear and are in need of replacement.	\$ 50,000						\$ 50,000
WR-11-10 2011WRF010	<b>Digester Heat Exchangers</b> - The two existing heat exchangers are circa 1965 and in need of replacement.	\$ 514,100						\$ 514,100
WR-14-02 2014WRF002	<b>WRF Dump Truck Replacement</b> - The 1995 10 cu. yd. dump truck used for hauling cake sludge was advanced to late 2015 with \$110,000 amended appropriation. Addtl required equipment was approved with \$20K amendment in early 2016.	\$ 20,000						\$ 20,000
WR-14-04 2014WRF004	<b>Motor Control Center Replacement Project</b> -Several motor control centers (MCC's) are old (circa 1950 - 1964) and need to be replaced. \$170K deferred from 2016 budget due to changed priorities.	\$ -	\$ -	\$ 150,000	\$ 170,000	\$ 185,000	\$ 150,000	\$ 655,000
WR-14-14 2014WRF014	<b>Influent Barscreen Rehab</b> - This unit has been in service for 10 years. Moving parts require periodic replacement.	\$ 15,948						\$ 15,948
WR-17-03 2017WRF003	<b>Concrete Repair Project</b> - There are several areas located around the plant where the concrete has deteriorated over the years. While we have used City staff to repair some of these areas, others are large enough and difficult enough that they require an outside contractor. These areas are mainly located in the main flow channels and tanks of the plant.	\$ -	\$ 5,000		\$ 5,000		\$ 5,000	\$ 15,000
WR-17-01 2017WRF001	<b>WRF Misc. Plant Equipment</b> - [In YEAR WR-16-01, WR-17-01, WR-18-01, WR-19-01, & WR-20-01 ] Funds are used each year to provide for smaller identified capital needs at the Water Reclamation Facility.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000
WR-15-03 2015WRF003	<b>Auto-Sampler</b> - Two Auto Sampler/Refrigerators to replace Circa 1984 for WRF Influent and Effluent composite sampling.	\$ 5,000						\$ 5,000
WR-16-02 2016WRF002	<b>Electric Generator Study</b> - This permanently installed generator will power the effluent area of the plant (plus additional auxiliary equipment) to prevent effluent violations during power outages. Currently, the Yacavona pump station portable generator is being used for this purpose, however it would need to be used accordingly in the event of a widespread power failure.	\$ 45,000						\$ 45,000
WR-16-03 2016WRF003	<b>Electrical Replacment Program Phase I</b> - There is electrical wire and conduit that dates back to the mid-1950's. There is much more that dates back to the mid-1960's. This electrical wiring has deteriorated to the point where it is no longer trustworthy and may create crisis management situations. The wiring is currently being inspected by a licensed electrician who will make recommendations as to which areas require the most urgent attention. The plan is to do this repair work in stages, based upon the electrician's recommendations.	\$ 15,000						\$ 15,000
WR-16-10 2016WRF010	<b>WRF Generator</b> - This generator will power (at a minimum) the 480 volt turbo blower in the event of an extended power failure. This will also prevent effluent D.O. violations when during power failures.					\$ 250,000		\$ 250,000
WR-20-04 2020WRF004	<b>WRF Diffuser Replacement</b> - The rubber membrane diffusers in the three Aeration Tanks have a limited life expectancy of 5-6 years and will need to be replaced. #1 Aeration Tank was replaced in 2004 and #2 Aeration Tank was replaced in 2005.					\$ 5,000		\$ 5,000
WR-17-05 2017WRF005	<b>SCADA Updates</b> - The original SCADA cabinet is in need of updates to prepare for upcoming SCADA updates and expansion needed in the future. This includes new racks, memory slots, new interface cards and any associated work needed.		\$ 15,000					\$ 15,000
WR-17-06 2017WRF006	<b>Final Clarifiers Weir Covers</b> - The present day wier covers have been in place for the last 15 yrs. (est.) and are deteriorating to the point they are ineffective and maintining them is only a stop gap measure. These weir covers keep algae from growing causing problems in the treatment process.		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000		\$ 100,000
WR-17-07 2017WRF007	<b>D.A.F. Roof Repairs/Replacement</b> - The roof covering this building has been leaking and repairs have been unsuccessful in stopping the leaks. As this building houses both the process lab (plant) and the electrical room it should be replaced to protect the equipment and future use of the building.		\$ 100,000					\$ 100,000
WR-17-08 2017WRF008	<b>Lab Exhaust Hood</b> - This hood is from the original construction of the Water Reclamation Lab in 1983 and has safety issues concerning leakage and should be replaced to protect lab personnel. Attempts to stop this leaking in the past have failed. This hood exhaust acid fumes from the lab as test are being ran.		\$ 16,000					\$ 16,000
WR-17-02 2017WRF002	<b>Waterfall/Dam Upkeep</b> - The dam pumping system has been in place and running for many years and has been requiring more funds annually to maintain it. This project would allow for dedicated funding to be available to keep the pumping system operating without competing with the Water Reclamation Facility		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
WR-17-09 2017WRF009	<b>Lime Sludge Truck</b> -This truck is to be used in transferring water plant lime to the water reclamation facility, thereby saving a substantial amount in operating costs to purchase lime. Other uses include trucking brine water to save delivery cost and delivering lime slurry to others users.		\$ 180,000					\$ 180,000
WR-18-03 2018WRF003	<b>Post-Aeration Piping</b> - There are several underground leaks in this air line. It will need to be excavated and repaired or replaced.			\$ 60,000				\$ 60,000
WR-18-06 2018WRF006	<b>Aeration Tank Ammonia Probe System</b> -Installation of this system should allow for a better control in the aeration tanks therefor saving on electrical cost associated with the blower.			\$ 20,000				\$ 20,000
	<b>Water Reclamation Facility Capital Expenses</b>	\$ 715,048	\$ 401,000	\$ 315,000	\$ 260,000	\$ 525,000	\$ 215,000	\$ 2,431,048



**2016 CAP PLAN UPDATE  
2016 - 2021 Project Descriptions**

Proj.#	Description	2016	2017	2018	2019	2020	2021	6-Year Total 2016 - 2021
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
WT-11-04 2011WTP004	<b>Well Field Development</b> - The current well field is over thirty years old and the City needs to be proactive in establishing a new source of water for the Kent residents and business. This funding request will provide continued support in searching and developing additional water source.		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		\$ 200,000
WT-17-02 2017WTP002	<b>WTP, Water Treatment - Well Cleaning</b> - (Well No. 11 - WT-17-02; Well No. 10 - WT-18-02; Well No. 12 - WT-19-02; Well No. 13 - WT-20-02, and Well No. 11 - WT-21-03) The cleaning of the Water Treatment Plant wells is an ongoing maintenance project which is completed to guarantee a quality water source for the City's customers.		\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 175,000
WT-21-02 2021WTP002	<b>Lime Spreader (Slacker including installation ??) Replacement</b> - The 2000 vintage lime spreader needs to be replaced. The lime spreader is used by farmers to spread lime which is a by-product of the City's water treatment process and in the past the City paid to have the lime hauled away.						\$ 130,000	\$ 130,000
WT-15-05 2015WTP005	<b>WTP, Vehicle Replacement</b> - The Dodge Dakota will be eleven years old. Staff evaluated the vehicle and recommends replacement in 2015 with a more fuel efficient smaller vehicle that can be used for both in town water sampling but also serve as a staff transport to location such as Columbus.	\$ 30,000						\$ 30,000
WT-15-07 2015WTP007	<b>WTP, Gravel Replacement in Recharge Basin</b> - This project includes complete gravel replacement in recharge basin by outside contractor. Gravel was replaced in 2008 and experience shows about a 6 year life cycle.					\$ 40,000		\$ 40,000
WT-15-08 2015WTP008	<b>WTP, Paint KSU 500,000 Gallon Elevated Water Tank</b> - The 500,000 KSU Tank has been identified by the Staff of the Water Treatment Plant as needing to be painted.		\$ -		\$ 680,000			\$ 680,000
WT-18-03 2018WTP003	<b>WTP, Vehicle Replacement</b> - Replacement of the 2006 Dodge Caravan is recommended for reiew.			\$ 30,000				\$ 30,000
WT-17-01 2017WTP001	<b>WTP, Misc. Plant Equipment</b> - [Additional Years WT-17-01, WT-18-01, WT-19-01 & WT-20-01] Funds are used each year to provide funding for smaller identified Capital needs at the Water Treatment Plant.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000
WT-17-03 2017WTP003	<b>Remove and Repalce Pavement with 6" Aggregate</b> - The WTP parking lot was constructed circa 1974 and is at the end of its life expectancy requiring complete removal and replacement.	\$ 350,000						\$ 350,000
WT-17-04 2017WTP004	<b>Paint KSU 400,000 gallon Ground Storage Tank</b> - Painting including lead abatement of the 400,000 elevated ball at KSU was originally scheduled for 2017.			\$ 400,000				\$ 400,000
WT-17-05 2017WTP005	<b>Rehab (2) Rapid Sand Filters</b> - ( Also 2018WTP004) This project has been added to Rehabilitate (2) rapid sand filters. This includes replacing the filter media (sand and anthracite) to correct normal sand growth and increase filter run times.		\$ 125,000	\$ 125,000				\$ 250,000
	<b>Water Treatment Plant Capital Expenses</b>	\$ 430,000	\$ 260,000	\$ 690,000	\$ 815,000	\$ 175,000	\$ 215,000	\$ 2,585,000
<b>Totals by Department\Division Project Description Page</b>								
	<b>Capital Projects</b>	\$ 17,385,036	\$ 4,850,833	\$ 9,169,500	\$ 2,250,000	\$ 2,028,000	\$ 2,433,800	\$ 38,117,169
	<b>Budget &amp; Finance IT</b>	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000
	<b>Community Development</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Central Maintenance</b>	\$ 588,500	\$ 545,500	\$ 984,000	\$ 485,000	\$ 80,000	\$ 729,000	\$ 3,412,000
	<b>Debt Service</b>	\$ 1,987,590	\$ 1,539,690	\$ 1,066,353	\$ 592,553	\$ 296,751	\$ 31,951	\$ 5,514,888
	<b>Engineering Division</b>	\$ 90,000	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 40,000	\$ 202,000
	<b>Fire Department</b>	\$ 790,000	\$ 682,500	\$ 1,321,500	\$ 695,000	\$ 390,000	\$ 1,574,000	\$ 5,453,000
	<b>Health Department</b>	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ 28,000
	<b>Police Department</b>	\$ 198,700	\$ 245,400	\$ 294,400	\$ 451,650	\$ 141,000	\$ 90,000	\$ 1,421,150
	<b>Service Department</b>	\$ 191,484	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 140,000	\$ 481,484
	<b>Safety &amp; Service</b>	\$ 225,000	\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 95,000	\$ 670,000
	<b>Vehicle Maintenance</b>	\$ 60,000	\$ 80,000	\$ 200,000	\$ 200,000	\$ 30,000	\$ -	\$ 570,000
	<b>Water Reclamation Facility</b>	\$ 715,048	\$ 401,000	\$ 315,000	\$ 260,000	\$ 525,000	\$ 215,000	\$ 2,431,048
	<b>Water Treatment Plant</b>	\$ 430,000	\$ 260,000	\$ 690,000	\$ 815,000	\$ 175,000	\$ 215,000	\$ 2,585,000
	<b>Totals by Department\Division Project Description Page:</b>	\$ 22,673,358	\$ 8,783,923	\$ 14,196,753	\$ 5,879,203	\$ 3,800,751	\$ 5,563,751	\$ 60,897,739
		2016	2017	2018	2019	2020	2021	6-Year
	<b>Capital Expenses Fire/EMS</b>	\$ 790,000	\$ 682,500	\$ 1,321,500	\$ 695,000	\$ 390,000	\$ 1,574,000	\$ 5,453,000
	<b>Capital Expenses Capital Project</b>	\$ 17,260,823	\$ 2,836,900	\$ 5,300,900	\$ 2,426,650	\$ 1,463,000	\$ 2,618,000	\$ 29,288,273
	<b>Capital Expenses Debt Service</b>	\$ 1,987,590	\$ 1,539,690	\$ 1,066,353	\$ 592,553	\$ 296,751	\$ 31,951	\$ 5,482,937
	<b>Total Capital Expenses Fire/EMS, Capital Projects and Debt Service:</b>	\$ 20,038,413	\$ 5,059,090	\$ 7,688,753	\$ 3,714,203	\$ 2,149,751	\$ 4,223,951	\$ 38,650,210
	<b>Capital Expenses Water</b>	\$ 796,468	\$ 1,887,333	\$ 2,454,000	\$ 1,295,000	\$ 949,000	\$ 896,300	\$ 7,381,801
	<b>Capital Expenses Sanitary</b>	\$ 1,196,556	\$ 1,197,500	\$ 2,754,000	\$ 520,000	\$ 656,000	\$ 337,500	\$ 6,324,056
	<b>Capital Expenses Storm</b>	\$ 641,921	\$ 640,000	\$ 1,300,000	\$ 350,000	\$ 46,000	\$ 106,000	\$ 2,977,921
	<b>Total Capital and Utility Funds from Yearly Sheets:</b>	\$ 22,673,358	\$ 8,783,923	\$ 14,196,753	\$ 5,879,203	\$ 3,800,751	\$ 5,563,751	\$ 60,897,739
	<b>Check Sum this page Total Expenses:</b>	\$(22,673,358)	\$( 8,783,923)	\$(14,196,753)	\$( 5,879,203)	\$( 3,800,751)	\$( 5,563,751)	\$(60,897,739)
		2016	2017	2018	2019	2020	2021	6-Year
	<b>Total Capital Expenses Fire/EMS, Capital Projects and Debt Service</b>	\$ 20,038,413	\$ 5,059,090	\$ 7,688,753	\$ 3,714,203	\$ 2,149,751	\$ 4,223,951	\$ 38,650,210
	<b>Programmed Reimbursements Capital Project and Sale Notes/Bonds from yearly reports</b>	\$ 14,674,248	\$ 2,012,500	\$ 3,850,000	\$ 295,000	\$ -	\$ 1,150,000	\$ 20,831,748
	<b>Net Capital Expenses Fire/EMS, Capital Projects and Debt Service:</b>	\$ 5,364,165	\$ 3,046,590	\$ 3,838,753	\$ 3,419,203	\$ 2,149,751	\$ 3,073,951	\$ 17,818,462
	<b>Capital Expenses Water</b>	\$ 796,468	\$ 1,887,333	\$ 2,454,000	\$ 1,295,000	\$ 949,000	\$ 896,300	\$ 7,381,801
	<b>Programmed Reimbursements Water from yearly reports</b>	\$ 3,673	\$ 183,300	\$ -	\$ -	\$ -	\$ -	\$ 186,973
	<b>Net Expenses Water:</b>	\$ 792,795	\$ 1,704,033	\$ 2,454,000	\$ 1,295,000	\$ 949,000	\$ 896,300	\$ 7,194,828
	<b>Capital Expenses Sanitary</b>	\$ 1,196,556	\$ 1,197,500	\$ 2,754,000	\$ 520,000	\$ 656,000	\$ 337,500	\$ 6,324,056
	<b>Programmed Reimbursements Sanitary from yearly reports</b>	\$ 3,673	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 2,003,673
	<b>Net Expenses Sanitary:</b>	\$ 1,192,883	\$ 1,197,500	\$ 754,000	\$ 520,000	\$ 656,000	\$ 337,500	\$ 4,320,383
	<b>Capital Expenses Storm</b>	\$ 641,921	\$ 640,000	\$ 1,300,000	\$ 350,000	\$ 46,000	\$ 106,000	\$ 2,977,921
	<b>Programmed Reimbursements Storm from yearly reports</b>	\$ -	\$ 206,700	\$ -	\$ -	\$ -	\$ -	\$ 206,700
	<b>Net Expenses Storm:</b>	\$ 641,921	\$ 433,300	\$ 1,300,000	\$ 350,000	\$ 46,000	\$ 106,000	\$ 2,771,221
	<b>Net Cost to City All Funds</b>	\$ 7,991,764	\$ 6,381,423	\$ 8,346,753	\$ 5,584,203	\$ 3,800,751	\$ 4,413,751	\$ 32,104,894
	<b>Net Cost to City All Funds From Yearly Reports</b>	\$ 7,991,764	\$ 6,381,423	\$ 8,346,753	\$ 5,584,203	\$ 3,800,751	\$ 4,413,751	\$ 32,104,894

**2016 CAP PLAN UPDATE  
2016 - 2021 Project Descriptions**

Proj.#	Description	2016	2017	2018	2019	2020	2021	6-Year Total 2016 - 2021
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
1992-013 1992CIP013	<b>Summit Street Traffic Signal Coordination</b> - This project will provide for the Installation of new traffic signals with central coordination from Water Street to East Corporation Line along the Summit Street corridor. Included in the design will be turning lanes where appropriate and access management. <b>Reimbursements:</b> 2011, \$583,760 From ODOT and \$72,970 From KSU totaling \$656,730; 2012 \$436k (ODOT-HSP-R/W); \$89.5k (KSU Phase II Design and R/W) was funded at \$2,000,000; 2014 \$10,800,000 AMATS & Highway Safety (Seeking additional Grant Funding from OPWC & HSP) Total Reimbursements 2012 through 2016 - \$11,982,230 Net Cost to City \$562,770 Grant & Partners Money Tied to Project	\$ 13,686,796	\$ 210,000					\$ 13,896,796
1997-009 1997CIP009	<b>Fairchild Avenue Bridge Project (Crain Avenue Bridge)</b> - between N. Mantua Street (S.R. 43) and Water Street is a vital link in the present and future transportation network in the City of Kent and Portage County. At present, the Crain Avenue Bridge spanning the Cuyahoga River and CSX Railroad is in poor condition and requires replacement. The available traffic capacity of Crain Avenue and congestion at the adjacent offset intersections are also major concerns. The City of Kent and Portage County have entered into a joint agreement to improve this transportation facility. In order to accomplish this goal, federal funding will be necessary to pay a portion of the cost of construction. The City was the lead-coordinating agency for this project during design and now ODOT is the lead agency during Construction. <b>Reimbursements:</b> 2011, County \$131,000 and \$214,300 ODOT R/W; no funding reimbursement 2012 through 2016.	\$ 152,850						\$ 152,850
2008-006 2008CIP006	<b>Area Q Ph. 5 Irma/Deidrick</b> - Design and R/W have been funded in previous years; the 2011 funding is for Construction. The Irma/Diedrich neighborhood is a part of a bowl-shaped drainage basin referred to as Drainage Area Q., bounded by W. Main Street, Chelton Drive, Deidrick Road, and Francis Street. This area is characterized by street flooding due to what was inadequate capacity of the outlet sewer, which runs under W. Main Street then adjacent to Spaulding Drive [corrected previously], and discharging into Fish Creek. This improvement will involve the construction of the collector storm sewer system along Irma Street and Deidrick Road to relieve the flooding along these streets.	\$ 5,000						\$ 5,000
2008-010 2008CIP010	<b>Hudson Road Watermain Replacement</b> - This project includes the replacement of undersized (4") and old (pre-1922) watermain along Hudson Drive From Wheatstone to Fairchild Avenue. The existing watermain has had several watermain breaks in this area and the undersized line have a detrimental impact on fire flows available from the watermain.	\$ 18,916	\$ 794,000					\$ 812,916
2008-012 2008CIP012	<b>SW Sanitary Pump Stations System Evaluation</b> - This study will determine the most cost effective method to replace the two old pump stations within the City's Sanitary Collection System. These pump stations are located on Middlebury Road and Macaroni Drive. The pump stations serve an area located in the southwest portion of the City bounded by Stow to the West the Cuyahoga River to the South, Tallmadge Ave. to the East	\$ 203,913		\$ 2,000,000				\$ 2,203,913
2010-010 2010CIP010	<b>Pine Street Reconstruction</b> - (Ph. 1 in 2011 & Ph. 2 in 2012) This project includes the reconstruction of Pine Street from Cherry Street to Dodge Street. The project includes new pavement, sidewalk and watermain (where it currently exists). The project will be completed in two phases and is primarily funded through the Community Development Block Grant (CDBG) program.	\$ 228,961						\$ 228,961
2010-05 2010CIP05	<b>Pine Street Construction</b> - 2016 Re-appropriation of funding	\$ 268						\$ 268
2011-007 2011CIP007	<b>Miller/Harvey/Steele Storm and Water Replacement Project</b> - This project includes the necessary storm sewer improvements from Miller Avenue, Steele Street and Harvey Street to reduce the probability of flooding at the low spot on Miller Avenue between Lake Street and Steele Street. The project also includes the replacement of existing 6" watermain with 8" watermain due to a history of watermain breaks on Steele Street and appropriate connections to the newer watermain on Lake Street. The replacement of the storm sewer and watermain will require the full reconstruction of the streets due to the amount of disturbance to replace the utilities. The existing pavement is rated Poor with a Pavement Condition Index (PCI) of +/- 40. <b>Project moved to 2018 due to lack of funding in F#208.</b>	\$ 139,919	\$ -	\$ 1,663,000				\$ 1,802,919
2011-008 2011CIP008	<b>ODOT - SR 261 Resurfacing (PID 86930)</b> - 2016 Re-appropriation of funding	\$ 11,110						\$ 11,110
2011-010 2011CIP010	<b>SR 43 Signalization (South Water Street Traffic Improvements)</b> - This project includes upgrading our traffic signal systems from SR 261 to Summit Street. This would add seven signals to the central traffic	\$ 230,245	\$ 300,000	\$ 2,500,000				\$ 3,030,245
2012-003 2012CIP003	<b>Allen Drive Bridge Replacement</b> - This project includes the replacement of the Allen Drive Bridge over Fish Creek. ODOT is replacing the bridge, scheduled for 2016/2017, as part of the Ohio Bridge Building Partnership Program. The money programmed for the project is required for any non state or federally eligible project requests.		\$ 15,000					\$ 15,000
2013-003 2013CIP003	<b>Avondale/Berkley Loop Waterline Improvement</b> - The project consists of interconnecting the two dead end 6" watermains from Avondale to Berkeley Streets. The project will improve the water quality on both dead end lines and improve fire flow in the area. <b>\$20K Project deferred to future fiscal year due to re-prioritization of competing needs.</b>	\$ -						\$ -
2013-007 2013CIP007	<b>River Street/Mill Race Drive Storm Outfall</b> - The project includes the replacement of a corrugated metal storm sewer outfall from River Street to the Cuyahoga River. The original sewer was constructed as part of Haymaker Parkway. This project was added because of staff investigations initiated because other corrugated metal storm sewers from that project have been failing.	\$ 215,000						\$ 215,000
2013-008 2013CIP008	<b>Sanitary Sewer Model Calibration</b> - This project includes the calibration of the City wide sanitary model that was developed internally by the Engineering Division. The calibration of the model however is unable to be accomplished by staff due to the current workload. The model is used to evaluate the impacts of larger developments and evaluate proposed capital improvement projects involving the sanitary collection system.	\$ 7,700						\$ 7,700
2013-009 2013CIP009	<b>West Main Street - Spaulding Drive Traffic Signal Replacement</b> - This project includes the replacement and upgrade of the traffic signal at the West Main Street/Spaulding Drive Intersection. The replacement is required due to a Motor Vehicle Accident (MVA). The traffic signal was temporarily repaired until the intersection could be replaced and upgraded to current standards.	\$ 200,000						\$ 200,000
2013-012 2013CIP012	<b>Hudson Road - Franklin Township Project Participation</b> - Franklin Township will be upgrading Hudson Road from McKinney Boulevard north to Judson Road. Just north of McKinney Boulevard the corporation limit is on the centerline of Hudson Road. Therefore, for the uniform completion of Hudson Road the City will contribute the funds to complete the portion of the project that is within the City Limits.			\$ 157,500				\$ 157,500
2013-013 2013CIP013	<b>Garth, Spaulding and Suzanne Waterline Replacement</b> - This project includes the replacement of approximately 3,300 feet of existing 6" watermain with 8" watermain on Suzanne, Garth, Spaulding and Silver Meadows. The project is required due to multiple watermain breaks that have occurred (18 breaks from 1996 - 2013).	\$ 21,791		\$ 1,074,000				\$ 1,095,791
2013-014 2013CIP014	<b>Short Street/Grove Avenue Sanitary Sewer Study</b> - This project includes the evaluation of the existing sanitary sewer system in the Short and Grove Street area. The existing system is flat and requires significant time from the Central Maintenance Division to maintain flow in the sewer. The study will determine if modifications to the system are possible that will increase the slope of the system and increase the functionality of the system.		\$ -		\$ 35,000			\$ 35,000
2014-004 2014CIP004	<b>Master Meter Vault Upgrade</b> - The Master Meter Vault on Summit Street, at Williams Hall on KSU campus, needs to be relocated due to a building expansion. In keeping with the terms of our easement agreement with the State of Ohio, the City is required to move the utility at our expense. Since this necessity has occurred, we are taking the opportunity to upgrade our system by replacing an old 16 inch valve, with a new mechanically operated valve. This will enable the City to open and close the valve remotely in the event of a fire, thereby improving public safety.	\$ 8,865						\$ 8,865
2015-004 2015CIP004	<b>Majors/Stinaff/Cuyahoga Area Waterline Replacement and Drainage Improvements</b> - This project includes the replacement and interconnection of approximately 2,000 feet of substandard watermains on Cuyahoga, Majors Lane and Stinaff. The purpose of the waterline improvement is to reduce necessary maintenance due to multiple breaks, upsize and loop the line for improved fire flow, add hydrants, and		\$ -				\$ 98,800	\$ 98,800
2015-005 2015CIP005	<b>Farmbrook/Fishcreek Waterline Improvement</b> - This project will replace an 8" waterline valve that is broken and improve the system by providing a place to check the line under Fishcreek for leaks. A manhole will be installed with a test port so leak detection can be performed.							\$ -
2015-006 2015CIP006	<b>Sunrise Boulevard Waterline Replacement</b> - The project would consist of replacing 1770 feet of existing 6 inch with 8 inch pipe including valves, hydrants and service connections on Sunrise Boulevard from Main Street to Gayle Drive. The purpose of this improvement is to reduce necessary maintenance due to multiple breaks and increase the line size from 6 inches to 8 inches. There have been 9 breaks from 1996 to 2013.		\$ -	\$ -	\$ 100,000	\$ 500,000		\$ 600,000
2015-007 2015CIP007	<b>Phase I - Cedar Street Reconstruction and Sanitary Replacement</b> - The proposed project includes full depth reconstruction of Cedar Street from Cherry Street to Dodge Street. The length of work is approximately 930 feet and the width of Cedar Street will be 26 feet between curb faces. Concrete curb and gutter will be provided with new catch basins and new storm sewers to improve drainage along the roadway. Two existing sanitary sewers exist on Cedar Street. The project will study the need to reconstruct both sewers or only one. Concrete driveway aprons and sidewalks will be provided. Lawn areas will be graded and seeded and street trees will be added along the roadway.		\$ 100,000					\$ 980,000

**2016 CAP PLAN UPDATE  
2016 - 2021 Project Descriptions**

Proj.#	Description	2016	2017	2018	2019	2020	2021	6-Year Total 2016 - 2021
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
2015-009 2015CIP009	<b>Leonard / Francis Waterline Replacement</b> - The project would consist of replacing 1665 feet of existing 4 & 6 inch with 8 inch pipe including valves, hydrants and service connections on Leonard, and adding 876 feet of 8 inch pipe on Francis to connect Lenoard and Hampton to Main Street. The purpose of this improvement is to reduce necessary maintenance, increase fire flow, improve water quality, and provide waterline interconnection.				\$ -	\$ 75,000	\$ 555,000	\$ 630,000
2015-010 2015CIP010	<b>Tonkin Court Reconstruction</b> - This project includes the construction of a two-way, two-lane roadway from College Avenue to E. Summit Street. The project, in conjunction with the new police station, will eliminate the existing substandard dead end on College Street that was established when Haymaker Parkway was constructed. The project also includes the construction of a new public utilities on Tonkin Court. The roadway, pedestrian facilities and utilities will be constructed utilizing minimal right-of-way.	\$ 674,812	\$ 149,833			\$ -		\$ 824,645
2015-011 2015CIP011	<b>Fairchild Bridge Signal Interconnect</b> - The existing traffic signals at N. Mantua St./Fairchild Ave., N. Water St./Fairchild Ave. and N. Water St./Crain Ave./Lake St. will be tied into the existing City's central traffic signal system via radio interconnect. Radios will be mounted on existing signal poles and tied into the existing fiber interconnect at N. Water St./Fairchild Ave. and at Haymaker Pkwy./S. Water St. Additionally, two PTZ cameras will be installed to monitor real time traffic flow. Once connected, the signals will be accessible though the existing Centrac system for traffic monitoring and timing adjustments.	\$ 20,000						\$ 20,000
2015-012 2015CIP012	<b>Valleyview/Morris Water and Storm Improvements</b> - This project consists of replacing the existing storm sewer and watermain on Valleyview Street from Lincoln Street to Morris Road and repacing the existing watermain on Morris Road from Valleyview Street to School Street. The project is required because there have been several structural issues since 2012 on the Valleyview storm sewer as well as 5 breaks on the water main from 1996 to 2014. The 4" & 6" watermain will also be upsized to improve fire flow in the area.	\$ 78,000	\$ 867,000					\$ 945,000
2015-013 2015CIP013	<b>River Street Sanitary Sewer Replacement</b> - This project consists of replacing the existing sanitary sewer on River Street between West Main Street and Haymaker Parkway. The existing sanitary sewer was televised in 2015 and numerous structural deficiencies were identified.	\$ 60,000	\$ 710,000					\$ 770,000
2015-014 2015CIP014	<b>West Main &amp; Short Street Area Waterline &amp; Sanitary Improvements</b> - This project consists of replacing the existing 4" and 6" water mains on West Main Street from Bryce Way to Chestnut Street and constructing a new watermain on Short Street from Grove Street to West Main Street to eliminate the dead end line on Grove Street. By eliminating the dead end line on Grove street the project will improve water quality and fire			\$ -		\$ 125,000		\$ 125,000
2015-015 2015CIP015	<b>ODOT - SR 59 &amp; 43 Paving (PID #101270)</b> - This project is part of ODOT's Urban Paving Program of state routes through cities. It includes the paving of SR 59 from the Stow/Kent border to S. Water Street and paving SR 43 (N. Mantua Street) from south of Stinaff Street to the north corporation limit. ODOT is currently budgeting \$988,800 in federal funds to contribute to this project.			\$ 280,000				\$ 280,000
2015-016 2015CIP016	<b>Franklin Ave/Indian Valley Sanitary Sewer Study</b> - This study consists of determining the scope of work and obtaining a planning level estimate to determine a permanent solution to remedy the consistent clogging of the sanitary sewer on Franklin Avenue.				\$ -	\$ -	\$ 45,000	\$ 45,000
2015-017 2015CIP017	<b>Rellim, Lincoln &amp; Bowman Area Waterline Improvement</b> - The project consists of over 3,000 feet of waterline replacements in the area that generally includes Rellim Drive, Bowman Drive and Lincoln Street. All waterlines will be replaced to an 8" minimum size. The project is required to improve water quality, increase fire flow and replace watermain that have had 16 breaks from 1999 to 2014.					\$ 93,000		\$ 93,000
2017-007 2017CIP007	<b>Storm Water Rate Analysis</b> - The project consists of evaluating the current single ERU rate structure to determine potential other methods that would provide for better stratification (equity) in the single family ERU rate structure.		\$ 50,000					\$ 50,000
2018-001 2018CIP001	<b>Annual Sidewalk/Street Program Construction</b> - [Also Years 2016-01, 2017-01, 2018-01, 2019-01, 2020-001, & 2021-01] The combined annual Street/Sidewalk Program services the capital maintenance needs of the City's streets, sidewalks, curbs, and structures contained within the public right-of-way or related there too. Work includes pavement resurfacing, repair and rehabilitation, base repair, pavement recycling, seal coats, crack sealing, pavement and subgrade fabric installation and restorative and reclaiming seal coats to extend pavement service life. Work also includes reconstruction of such items as underdrains, drainage structures, manholes, water valve boxes, monument boxes and related items along with sidewalk replacement and repair of old deteriorated unsafe walk, connecting sections of walk which were never built or were removed and never replaced and adding ramps and similar improvements to make walks more accessible and pedestrian friendly.	\$ 1,292,890	\$ 1,580,000	\$ 1,120,000	\$ 1,220,000	\$ 1,220,000	\$ 1,320,000	\$ 7,752,890
2018-002 2018CIP002	<b>Sidewalk Street Tree Damage Repairs</b> - This project was initiated by Kent City Council with a "motion to authorize \$5,000 in the capital plan every year to address single or double block heaves in the sidewalks to be replaced, with damage caused by City trees, starting with the oldest problems first." Oldest problems will be based on reported complaints kept at the Engineering Division of the Service Department.	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 30,000
2016-003 2016CIP003	<b>College Avenue Sanitary Sewer Repairs</b> - This emergency project was required in 2016 to repair a structural failure in the sanitary sewer on College Street discovered during televising of the system.	\$ 14,000						\$ 14,000
2016-004 2016CIP004	<b>Hudson Road Storm Sewer Repairs</b> - This emergency project was required in 2016 to repair a structural failure of a catch basin on Hudson Road found during the design of a future project in the area.	\$ 11,000						\$ 11,000
2016-005 2016CIP005	<b>Middlebury Road Bike Lane Restriping</b> - This is a joint project with Tallmadge and the Summit Metro Parks to provide bike lanes on Middlebury Road from the Freedom Hike and Bike Trail to The Portage Hike and Bike Trail.	\$ 20,000						\$ 20,000
2016-006 2016CIP006	<b>Sanitary Sewer Assessment at 800 Mogadore Road</b> - Cleaning and televising sanitary sewer lines required for regular maintenance, to assess possible causes of environmental impact at the old RB&W site and to determine if the sewer mains were damaged during remediation of the old RB&W site.	\$ 50,000						\$ 50,000
2016-007 2016CIP007	<b>Replacement of Storm Sewer &amp; Headwall at Cuyahoga River</b> - This project is an emergency amendment to replace storm sewer and headwall that has fallen into the Cuyahoga River near the Stow Street Bridge.	\$ 28,000						\$ 28,000
2017-004 2017CIP004	<b>ODOT POR-MCRO FY2018(B)-PID 102352</b> - This is an ODOT/City maintenance project to microsurface SR 261 from Summit Street to the north coporation limit and SR 43 from the southern corporation limit to SR 261. The project is 80% funded and managed by ODOT.		\$ 25,000					\$ 25,000
2017-005 2017CIP005	<b>Miscellaneous Active Transportation Improvements</b> - (Also 18-05, 19-05, 20-05, and 21-05) This sustainability project is annual project to provide miscellaneous minor improvements to improve active transportation modes (pedestrian, bike and transit) in the City. Typical items would consist of signing, striping and potential minor walk improvements.		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
2017-006 2017CIP006	<b>SR 261 Revisioning the Corridor - Planning Study</b> - This is a joint study with AMATS and ODOT to study potential changes on SR 261 to improve safety, pedestrian and bicycle connectivity and potentially improve access. The project is predominantly funded and managed by AMATS.		\$ 35,000					\$ 35,000
2018-006 2018CIP006	<b>Sanitary Collection System - Planning Study</b> - This study will determine long term capacity improvements required in the sanitary collection system as well as analyze the potential impact of future large developments on the collection system.			\$ 50,000				\$ 50,000
2018-007 2018CIP007	<b>ODOT POR-SR 261 Resurfacing (PID 98381)</b> - This is an ODOT/City maintenance project to resurface SR 261 in Kent. It includes approximately 1.9 of the divided highway section. The project is 80% funded and managed by ODOT.			\$ 310,000				\$ 310,000
2021-004 2021CIP004	<b>SAC Parking Lot Replacement</b> - This project includes the replacement of the parking lot at the Service Administration Complex.						\$ 400,000	\$ 400,000
	<b>Capital Projects</b>	\$ 17,385,036	\$ 4,850,833	\$ 9,169,500	\$ 2,250,000	\$ 2,028,000	\$ 2,433,800	\$ 38,117,169
BF-10-01 2010BFD001	<b>New World Software Upgrade</b> - New World is the vendor supplying the City with accounting software and the funding provided is in support of the software.							\$ -
2016BFD001	<b>New World Financial System Upgrade</b> - Add Business Analytics Module to improve timeliness and efficiency of financial analysis and modeling	\$ 12,000						\$ 12,000
	<b>Budget &amp; Finance</b>	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000
								\$ -

### City of Kent, Ohio 2016 Capital Plan - Analysis of Water Fund

2016 - 2021 BUDGET / 2016 is current year's budget as of 8/26/16, 2017 is 2016 TAX Budget - As Adjusted											
2017-2021 Assume Water Revenue increase 8%-2017; 9%-2018; 3%-2019-2021 / Operating Expenses +2.5% compounded annually											
Water Fund - F#201	2011 - 2015 ACTUAL (Cash Basis of Accounting)			Current Debt Service is Known, Capital Outlay is from 2016 Capital Plan Update dtd 9/22/16							
Description	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budget 2016	Budget 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021
<b>Beginning Balance</b>	\$2,006,430	\$2,182,696	\$2,023,428	\$2,254,687	\$2,079,386	\$1,985,881	\$1,651,674	\$608,562	(\$924,857)	(\$1,206,379)	(\$1,063,069)
<b>Operating Revenues</b>											
Water Sales	\$2,638,029	\$2,964,174	\$3,155,184	\$3,068,615	\$3,338,481	\$3,438,635	\$3,713,726	\$4,047,962	\$4,169,400	\$4,294,482	\$4,423,317
Tap-in fees	\$132,259	\$24,888	\$31,392	\$25,570	\$103,594	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Special Assessments	\$40,227	\$40,135	\$45,359	\$40,015	\$46,185	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Cell Tower Rent	\$36,482	\$37,080	\$34,393	\$35,138	\$41,290	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
All Other Miscellaneous Revenue	\$64,276	\$8,091	\$13,482	\$17,078	\$8,066	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Sale of Assets	\$0	\$5,677	\$0	\$4,341	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interest Income	\$11,256	\$12,497	\$9,692	\$14,036	\$11,066	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
<b>Total Operating Revenue</b>	<b>\$2,922,529</b>	<b>\$3,092,542</b>	<b>\$3,289,502</b>	<b>\$3,204,793</b>	<b>\$3,548,682</b>	<b>\$3,554,635</b>	<b>\$3,829,726</b>	<b>\$4,163,962</b>	<b>\$4,285,400</b>	<b>\$4,410,482</b>	<b>\$4,539,317</b>
<b>Operating Expenses</b>											
Plant	\$1,310,983	\$1,368,053	\$1,383,697	\$1,432,429	\$1,514,001	\$1,559,421	\$1,598,407	\$1,638,367	\$1,679,326	\$1,721,309	\$1,764,342
Utility Distribution	\$725,407	\$674,310	\$658,829	\$658,249	\$656,712	\$676,413	\$693,324	\$710,657	\$728,423	\$746,634	\$765,300
Administrative Support	\$437,137	\$435,979	\$457,773	\$505,453	\$614,250	\$632,678	\$648,494	\$664,707	\$681,324	\$698,358	\$715,817
Refunds	n/a	n/a	\$26	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Contingency	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Transfer to Fund #204 - Utility Billing	\$38,000	\$41,088	\$42,115	\$40,756	\$40,756	\$41,775	\$42,819	\$43,890	\$44,987	\$46,112	\$47,264
Repay Advance to F#116 - Income Tax			\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$32,100	\$0	\$0
<b>Total Operating Expense</b>	<b>\$2,511,527</b>	<b>\$2,519,430</b>	<b>\$2,622,440</b>	<b>\$2,716,887</b>	<b>\$2,905,719</b>	<b>\$3,040,287</b>	<b>\$3,113,044</b>	<b>\$3,187,620</b>	<b>\$3,216,161</b>	<b>\$3,262,412</b>	<b>\$3,342,722</b>
<b>Operating Revenue less Expense</b>	<b>\$411,002</b>	<b>\$573,112</b>	<b>\$667,062</b>	<b>\$487,906</b>	<b>\$642,963</b>	<b>\$514,349</b>	<b>\$716,682</b>	<b>\$976,342</b>	<b>\$1,069,240</b>	<b>\$1,148,070</b>	<b>\$1,196,595</b>
<b>Debt Service (OWDA Loans P &amp; I)</b>											
Franklin Hills Waterline (to 7/1/2027)	\$16,519	\$16,519	\$16,519	\$16,519	\$16,519	\$16,520	\$16,520	\$16,520	\$16,520	\$16,520	\$16,520
Kent Ravenna Interconnect (to 12/31/2023)	\$34,441	\$34,440	\$34,440	\$34,440	\$34,440	\$34,441	\$34,441	\$34,441	\$34,441	\$34,441	\$34,441
Issue II Loan - Erie & Depeyster Streets	\$0.00	\$0.00	\$0.00	\$0	\$0	\$4,800	\$4,800	\$4,800	\$4,800	\$4,800	\$4,800
<b>Total Debt Service</b>	<b>\$50,960</b>	<b>\$50,959</b>	<b>\$50,959</b>	<b>\$50,959</b>	<b>\$50,959</b>	<b>\$55,761</b>	<b>\$55,761</b>	<b>\$55,761</b>	<b>\$55,761</b>	<b>\$55,761</b>	<b>\$55,761</b>
<b>NET OPERATING - AFTER DEBT SERVICE</b>	<b>\$360,042</b>	<b>\$522,153</b>	<b>\$616,103</b>	<b>\$436,947</b>	<b>\$592,004</b>	<b>\$458,588</b>	<b>\$660,921</b>	<b>\$920,581</b>	<b>\$1,013,479</b>	<b>\$1,092,309</b>	<b>\$1,140,834</b>
<b>Other Funding Sources (Non-operating)</b>											
Capital Grants/Other Intergovtl Revenue	\$0	\$30,091	\$0	\$0	\$16,448	\$3,673	\$0	\$0	\$0	\$0	\$0
OPWC	\$0	\$344,059	\$46,579	\$0	\$0	\$0	\$183,300	\$0	\$0	\$0	\$0
Recovery of Prior Year Encumbrances	\$0	\$0	\$0	\$155,379	\$498,928	\$0	\$0	\$0	\$0	\$0	\$0
From CAP Year Report(s) for 2017 - 2021											
<b>Total Other Funding Sources</b>	<b>\$0</b>	<b>\$374,150</b>	<b>\$46,579</b>	<b>\$155,379</b>	<b>\$515,376</b>	<b>\$3,673</b>	<b>\$183,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Subtotal - Available for Capital</b>	<b>\$360,042</b>	<b>\$896,303</b>	<b>\$662,682</b>	<b>\$592,326</b>	<b>\$1,107,380</b>	<b>\$462,261</b>	<b>\$844,221</b>	<b>\$920,581</b>	<b>\$1,013,479</b>	<b>\$1,092,309</b>	<b>\$1,140,834</b>
<b>Capital Outlay</b>											
Plant	\$111,440	\$98,008	\$490,604	\$222,755	\$167,051	\$430,000					
Utility Distribution	\$12,311	\$43,461	\$17,224	\$17,500	\$31,576	\$89,750					
Capital Facilities/Infrastructure	\$156,766	\$720,565	\$115,118	\$28,458	\$101,772	\$276,718					
From CAP Year Report(s) for 2017 - 2021							\$1,887,333	\$2,454,000	\$1,295,000	\$949,000	\$896,300
<b>Total Capital Outlay</b>	<b>\$280,517</b>	<b>\$862,034</b>	<b>\$622,946</b>	<b>\$268,713</b>	<b>\$300,399</b>	<b>\$796,468</b>	<b>\$1,887,333</b>	<b>\$2,454,000</b>	<b>\$1,295,000</b>	<b>\$949,000</b>	<b>\$896,300</b>
Recovery of Prior Year Encumbrances	\$202,869		\$346,901								
<b>Ending Cash Balance</b>	<b>\$2,288,824</b>	<b>\$2,216,965</b>	<b>\$2,410,065</b>	<b>\$2,578,300</b>	<b>\$2,886,367</b>	<b>\$1,651,674</b>	<b>\$608,562</b>	<b>(\$924,857)</b>	<b>(\$1,206,379)</b>	<b>(\$1,063,069)</b>	<b>(\$818,536)</b>
<b>Encumbrances</b>	<b>\$106,128</b>	<b>\$193,537</b>	<b>\$155,378</b>	<b>\$498,914</b>	<b>\$900,486</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Ending Unencumbered Balance</b>	<b>\$2,182,696</b>	<b>\$2,023,428</b>	<b>\$2,254,687</b>	<b>\$2,079,386</b>	<b>\$1,985,881</b>	<b>\$1,651,674</b>	<b>\$608,562</b>	<b>(\$924,857)</b>	<b>(\$1,206,379)</b>	<b>(\$1,063,069)</b>	<b>(\$818,536)</b>

**City of Kent, Ohio 2016 Capital Plan - Analysis of Sewer Fund**

2016 - 2021 BUDGET / 2016 is current year's budget as of 8/26/16, 2017 is 2016 TAX Budget - As Adjusted  
 2017-2021 Assume Sewer Revenue increase 3% - 2017-2021 / Operating Expenses +2.5% compounded annually  
 Current Debt Service is Known, Capital Outlay is from 2016 Capital Plan Update dtd 9/22/16

Sewer Fund - F#202	2011 - 2015 ACTUAL (Cash Basis of Accounting)					2016 - 2021 BUDGET						
	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budget 2016	Budget 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021	
<b>Beginning Balance</b>	\$1,717,147	\$1,872,240	\$2,427,529	\$2,109,421	\$2,254,188	\$2,480,681	\$2,004,655	\$1,578,988	\$1,646,680	\$1,888,860	\$2,050,532	
<b>Operating Revenues</b>												
Sewer fees	\$3,455,655	\$3,711,038	\$3,951,981	\$3,783,836	\$4,067,729	\$4,189,761	\$4,315,453.70	\$4,444,917	\$4,578,265	\$4,715,613	\$4,857,081	
Tap-in fees	\$260,259	\$30,478	\$36,141	\$13,998	\$183,108	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	
Assessments	\$93,709	\$32,251	\$37,762	\$31,182	\$39,965	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	
Other - Plumbing and Waste Water Permits, Misc.	\$20,293	\$15,808	\$42,006	\$73,664	\$26,230	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	
Interest	\$10,565	\$12,105	\$9,963	\$18,801	\$11,577	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
<b>Total Operating Revenue</b>	<b>\$3,840,481.00</b>	<b>\$3,801,680.00</b>	<b>\$4,077,853.00</b>	<b>\$3,921,481.00</b>	<b>\$4,328,609.00</b>	<b>\$4,262,760.87</b>	<b>\$4,388,453.70</b>	<b>\$4,517,917.31</b>	<b>\$4,651,264.83</b>	<b>\$4,788,612.77</b>	<b>\$4,930,081.15</b>	
<b>Operating Expenses</b>												
Lab	\$397,428	\$321,071	\$264,896	\$266,524	\$501	\$0	\$0	\$0	\$0	\$0	\$0	
Utility Distribution	\$653,023	\$608,802	\$629,056	\$625,369	\$613,545	\$631,951	\$647,750	\$663,944	\$680,542	\$697,556	\$714,995	
Plant	\$1,343,457	\$1,243,769	\$1,392,023	\$1,495,079	\$1,682,597	\$1,733,075	\$1,776,402	\$1,820,812	\$1,866,332	\$1,912,990	\$1,960,815	
Administrative Support	\$429,273	\$433,418	\$450,958	\$453,587	\$615,172	\$633,627	\$649,468	\$665,705	\$682,347	\$699,406	\$716,891	
Refunds	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Contingency	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	
Transfer to Fund #204 - Utility Billing	\$38,000	\$41,088	\$42,115	\$40,756	\$40,756	\$41,775	\$42,819	\$43,890	\$44,987	\$46,112	\$47,264	
Repay Advance to F#116 - Income Tax			\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	
<b>Total Operating Expense</b>	<b>\$2,861,181</b>	<b>\$2,648,148</b>	<b>\$2,844,048</b>	<b>\$2,946,315</b>	<b>\$3,017,571</b>	<b>\$3,155,428</b>	<b>\$3,231,439</b>	<b>\$3,309,350</b>	<b>\$3,389,209</b>	<b>\$3,471,064</b>	<b>\$3,554,966</b>	
<b>Operating Revenue less Expense</b>	<b>\$979,300</b>	<b>\$1,153,532</b>	<b>\$1,233,805</b>	<b>\$975,166</b>	<b>\$1,311,038</b>	<b>\$1,107,333</b>	<b>\$1,157,015</b>	<b>\$1,208,567</b>	<b>\$1,262,056</b>	<b>\$1,317,549</b>	<b>\$1,375,116</b>	
<b>Debt Service</b>												
Debt Issuance Expense	\$2,433	\$0	\$3,299	\$2,237	\$2,742	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	
Bond Anticipation Notes (Principal & Interest)	\$804,910	\$742,330	\$681,731	\$621,150	\$560,534	\$509,850	\$444,555	\$386,250	\$324,450	\$324,450	\$324,450	
OWDA/Issue II Loans-Sanitary Swr Imp. (Prin & Int)	\$310,226	\$310,226	\$310,227	\$310,227	\$310,227	\$312,626	\$312,626	\$312,626	\$312,626	\$312,626	\$312,626	
OPEA 20 Yr. Loan - SW Sanitary Pump Station	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$114,800	\$114,800	\$114,800	
<b>Total Debt Service Expense</b>	<b>\$1,117,569</b>	<b>\$1,052,556</b>	<b>\$995,257</b>	<b>\$933,614</b>	<b>\$873,503</b>	<b>\$825,476</b>	<b>\$760,181</b>	<b>\$701,876</b>	<b>\$754,876</b>	<b>\$754,876</b>	<b>\$754,876</b>	
<b>less Debt Refunding-Sale of Notes (w/Premium)</b>	<b>\$737,911</b>	<b>\$676,943</b>	<b>\$615,000</b>	<b>\$558,602</b>	<b>\$498,016</b>	<b>\$435,000</b>	<b>\$375,000</b>	<b>\$315,000</b>	<b>\$255,000</b>	<b>\$255,000</b>	<b>\$255,000</b>	
<b>Net Debt Service Expense</b>	<b>\$379,658</b>	<b>\$375,613</b>	<b>\$380,257</b>	<b>\$375,012</b>	<b>\$375,487</b>	<b>\$390,476</b>	<b>\$385,181</b>	<b>\$386,876</b>	<b>\$499,876</b>	<b>\$499,876</b>	<b>\$499,876</b>	
<b>NET OPERATING - AFTER DEBT SERVICE</b>	<b>\$599,642</b>	<b>\$777,919</b>	<b>\$853,548</b>	<b>\$600,154</b>	<b>\$935,551</b>	<b>\$716,857</b>	<b>\$771,834</b>	<b>\$821,691</b>	<b>\$762,180</b>	<b>\$817,673</b>	<b>\$875,240</b>	
<b>Other Funding Sources (Non-operating)</b>												
Capital Grants/Loans/Other Intergovernmental Rev.	\$0	\$229,879	\$30,202	\$0	\$16,448	\$3,673	\$0	\$2,000,000	\$0	\$0	\$0	
Recovery of Prior Year Encumbrances	\$298,499	\$0	\$178,104	\$1,136,359	\$270,268	\$0	\$0	\$0	\$0	\$0	\$0	
From CAP Year Report(s) for 2017 - 2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>Total Other Funding Sources</b>	<b>\$298,499</b>	<b>\$229,879</b>	<b>\$208,306</b>	<b>\$1,136,359</b>	<b>\$286,716</b>	<b>\$3,673</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>Subtotal - Available for Capital</b>	<b>\$898,141</b>	<b>\$1,007,798</b>	<b>\$1,061,854</b>	<b>\$1,736,513</b>	<b>\$1,222,267</b>	<b>\$720,530</b>	<b>\$771,834</b>	<b>\$2,821,691</b>	<b>\$762,180</b>	<b>\$817,673</b>	<b>\$875,240</b>	
<b>Capital Outlay</b>												
Lab	\$5,946	\$0	\$16,952	\$19,088	\$0							
Utility Distribution	\$9,872	\$35,993	\$17,225	\$17,500	\$30,131	\$41,250						
Plant	\$335,876	\$215,650	\$160,301	\$1,060,241	\$223,057	\$765,161						
Capital Facilities/Infrastructure	\$285,159	\$159,281	\$5,000	\$226,712	\$37,385	\$390,145						
From CAP Year Report(s) for 2017 - 2021							\$1,197,500	\$2,754,000	\$520,000	\$656,000	\$337,500	
<b>Total Capital Outlay</b>	<b>\$636,853</b>	<b>\$410,924</b>	<b>\$199,478</b>	<b>\$1,323,541</b>	<b>\$290,573</b>	<b>\$1,196,556</b>	<b>\$1,197,500</b>	<b>\$2,754,000</b>	<b>\$520,000</b>	<b>\$656,000</b>	<b>\$337,500</b>	
<b>Ending Cash Balance</b>	<b>\$1,978,435</b>	<b>\$2,469,114</b>	<b>\$3,289,905</b>	<b>\$2,522,393</b>	<b>\$3,185,882</b>	<b>\$2,004,655</b>	<b>\$1,578,988</b>	<b>\$1,646,680</b>	<b>\$1,888,860</b>	<b>\$2,050,532</b>	<b>\$2,588,272</b>	
<b>Encumbrances</b>	<b>\$106,195</b>	<b>\$41,585</b>	<b>\$1,180,484</b>	<b>\$268,205</b>	<b>\$705,201</b>							
<b>Ending Unencumbered Balance</b>	<b>\$1,872,240</b>	<b>\$2,427,529</b>	<b>\$2,109,421</b>	<b>\$2,254,188</b>	<b>\$2,480,681</b>	<b>\$2,004,655</b>	<b>\$1,578,988</b>	<b>\$1,646,680</b>	<b>\$1,888,860</b>	<b>\$2,050,532</b>	<b>\$2,588,272</b>	

**City of Kent, Ohio 2016 Capital Plan - Analysis of Storm Water Fund**

2016 - 2021 BUDGET / 2016 is current year's budget as of 8/26/16, 2017 is 2016 TAX Budget - As Adjusted  
 2017 - 2021 Assume Annual Revenue's remain same, Operating Expenses +2.5% compounded annually,  
 Current Debt Service is Known, Capital Outlay is from 2016 Capital Plan Update dtd 9/22/16

**Storm Water Drainage - F#208**

**2011 - 2015 ACTUAL (Cash Basis of Accounting)**

Description	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budget 2016	Budget 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021
<b>Beginning Balance</b>	<b>\$2,733,038</b>	<b>\$2,671,910</b>	<b>\$2,521,177</b>	<b>\$2,548,853</b>	<b>\$274,657</b>	<b>\$663,052</b>	<b>\$320,286</b>	<b>\$198,901</b>	<b>(\$687,301)</b>	<b>(\$699,094)</b>	<b>(\$423,966)</b>
<b>Operating Revenues</b>											
Storm Water Charges	\$546,285	\$569,902	\$552,670	\$553,936	\$565,904	\$868,835	\$1,028,280	\$1,028,280	\$1,028,280	\$1,028,280	\$1,028,280
Special Assessments	\$21,766	\$19,619	\$20,963	\$20,894	\$11,392	\$11,357	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000
Storm Sewer Tap in fees	\$600	\$700	\$1,200	\$1,375	\$3,350	\$500	\$500	\$500	\$500	\$500	\$500
Interest Income	\$8,760	\$956	\$188	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0
All Other Misc. Revenue	\$7,374	\$7,800	\$15,158	\$1,994	\$61,000	\$0	\$0	\$0	\$0	\$0	\$0
Transfer In From Income Tax - F#116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$584,785</b>	<b>\$598,977</b>	<b>\$590,179</b>	<b>\$578,209</b>	<b>\$641,646</b>	<b>\$880,692</b>	<b>\$1,039,780</b>	<b>\$1,039,780</b>	<b>\$1,039,780</b>	<b>\$1,039,780</b>	<b>\$1,039,780</b>
<b>Operating Expenses</b>											
Salaries & Fringes	\$411,702	\$408,760	\$423,243	\$431,178	\$450,211	\$463,717	\$478,788	\$493,152	\$507,946	\$523,185	\$538,880
Other Operating	\$29,894	\$33,137	\$29,124	\$33,239	\$66,731	\$68,399	\$70,109	\$71,862	\$73,659	\$75,500	\$77,388
Refunds	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Repay Advance to F#116 - Income Tax	\$30,000	\$30,000	\$110,000	\$110,000	\$110,000	\$55,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000
<b>Total Operating Expenses</b>	<b>\$471,596</b>	<b>\$471,897</b>	<b>\$562,367</b>	<b>\$574,417</b>	<b>\$626,942</b>	<b>\$587,117</b>	<b>\$658,897</b>	<b>\$675,014</b>	<b>\$691,605</b>	<b>\$708,685</b>	<b>\$726,268</b>
<b>Operating Revenue less Expense</b>	<b>\$113,189</b>	<b>\$127,080</b>	<b>\$27,812</b>	<b>\$3,792</b>	<b>\$14,704</b>	<b>\$293,575</b>	<b>\$380,883</b>	<b>\$364,766</b>	<b>\$348,175</b>	<b>\$331,095</b>	<b>\$313,512</b>
<b>Debt Service (OWDA Loans)</b>											
Repay Issue II Loan(s) - Principal Only - 0% Interest	\$2,484	\$4,967	\$4,967	\$4,967	\$4,967	\$4,968	\$4,968	\$4,968	\$4,968	\$4,968	\$4,968
Repay Issue II Loan - Area Q Phase V	\$0.00	\$0.00	\$0.00	\$0	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
<b>Total Debt Service</b>	<b>\$2,484</b>	<b>\$4,967</b>	<b>\$4,967</b>	<b>\$4,967</b>	<b>\$4,967</b>	<b>\$9,968</b>	<b>\$9,968</b>	<b>\$9,968</b>	<b>\$9,968</b>	<b>\$9,968</b>	<b>\$9,968</b>
<b>NET OPERATING - AFTER DEBT SERVICE</b>	<b>\$110,705</b>	<b>\$122,113</b>	<b>\$22,845</b>	<b>(\$1,175)</b>	<b>\$9,737</b>	<b>\$283,607</b>	<b>\$370,915</b>	<b>\$354,798</b>	<b>\$338,207</b>	<b>\$321,127</b>	<b>\$303,544</b>
<b>Other Funding Sources (Non-operating)</b>											
Issue II Grant(s)	\$134,176	\$0	\$38,790	\$182,014	\$406,287	\$0	\$0	\$0	\$0	\$0	\$0
Issue II Loans(s)	\$0	\$58,337	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Aid	\$0	\$109,506	\$0	\$0	\$16,448	\$15,548	\$0	\$0	\$0	\$0	\$0
OPWC	\$0	\$0	\$0	\$0	\$0	\$0	\$206,700	\$0	\$0	\$0	\$0
Recovery of Prior Year Encumbrances	\$192,960	\$47,391	\$280,894	\$52,030	\$2,083,581	\$0	\$0	\$0	\$0	\$0	\$0
From CAP Year Report(s) for 2017 - 2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Other Funding Sources</b>	<b>\$327,136</b>	<b>\$215,234</b>	<b>\$319,684</b>	<b>\$234,044</b>	<b>\$2,506,316</b>	<b>\$15,548</b>	<b>\$206,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Subtotal - Available for Capital</b>	<b>\$437,841</b>	<b>\$337,347</b>	<b>\$342,529</b>	<b>\$232,869</b>	<b>\$2,516,053</b>	<b>\$299,155</b>	<b>\$577,615</b>	<b>\$354,798</b>	<b>\$338,207</b>	<b>\$321,127</b>	<b>\$303,544</b>
<b>Capital Outlay</b>											
Service		\$23,975	\$5,000	\$2,600	\$16,246	\$32,500					
Capital Facilities	\$361,184	\$464,105	\$257,824	\$420,884	\$1,860,777	\$609,421	\$0	\$0	\$0	\$0	\$0
From CAP Year Report(s) for 2017 - 2021						\$0	\$699,000	\$1,241,000	\$350,000	\$46,000	\$106,000
<b>Total Capital Outlay</b>	<b>\$361,184</b>	<b>\$488,080</b>	<b>\$262,824</b>	<b>\$423,484</b>	<b>\$1,860,777</b>	<b>\$641,921</b>	<b>\$699,000</b>	<b>\$1,241,000</b>	<b>\$350,000</b>	<b>\$46,000</b>	<b>\$106,000</b>
<b>Ending Cash Balance</b>	<b>\$2,809,695</b>	<b>\$2,521,177</b>	<b>\$2,600,882</b>	<b>\$2,358,238</b>	<b>\$929,933</b>	<b>\$320,286</b>	<b>\$198,901</b>	<b>(\$687,301)</b>	<b>(\$699,094)</b>	<b>(\$423,966)</b>	<b>(\$226,422)</b>
<b>Encumbrances</b>	<b>\$137,785</b>		<b>\$52,029</b>	<b>\$2,083,581</b>	<b>\$266,881</b>						
<b>Ending Unencumbered Balance</b>	<b>\$2,671,910</b>	<b>\$2,521,177</b>	<b>\$2,548,853</b>	<b>\$274,657</b>	<b>\$663,052</b>	<b>\$320,286</b>	<b>\$198,901</b>	<b>(\$687,301)</b>	<b>(\$699,094)</b>	<b>(\$423,966)</b>	<b>(\$226,422)</b>
<b>Personnel &amp; Fringe Expenses negated</b>				<b>\$431,178</b>	<b>\$450,211</b>	<b>\$463,717</b>	<b>\$478,788</b>	<b>\$493,152</b>	<b>\$507,946</b>	<b>\$523,185</b>	<b>\$538,880</b>
<b>Ending Unencumbered Balance - Adjusted if Personnel &amp; Fringe Expenses not approved by KCC</b>				<b>\$705,835</b>	<b>\$1,113,263</b>	<b>\$784,004</b>	<b>\$677,689</b>	<b>(\$194,149)</b>	<b>(\$191,147)</b>	<b>\$99,218</b>	<b>\$312,458</b>

**CITY OF KENT, OHIO 2016 CAPITAL PLAN**

Combined Statement of Revenues, Expenditures and Changes in Fund Balances - Budget and Actual (Non-GAAP Budgetary Basis)  
 General Fund, Street Construction, Maintenance and Repair Fund, Income Tax Fund, Income Tax Safety Fund, Fire and E.M.S. Fund and Capital Projects Fund  
 Actual for Fiscal Years 2011 through 2015 and Budgeted Fiscal Years 2016 through 2021

**Major Governmental Funds**

Descriptor	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Budget 2016	Budget 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021
<b>Beginning Combined Funds Balance</b>	9,958,030	8,767,380	8,294,697	10,236,205	11,027,636	11,473,366	9,257,423	8,489,481	6,439,225	4,306,668	2,929,723
<b>Operating Revenues</b>											
Property and other taxes	1,618,911	1,817,408	1,797,028	1,967,170	2,011,593	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
* Income Taxes	10,711,488	12,067,197	12,364,063	14,732,950	16,406,396	15,900,000	16,100,000	16,100,000	16,100,000	16,100,000	16,100,000
JEDD Taxes	254,592	367,878	619,681	559,744	512,375	550,000	550,000	550,000	550,000	550,000	550,000
Fees, licenses and permits	375,623	228,663	191,853	151,876	267,194	150,000	150,000	150,000	150,000	150,000	150,000
Intergovernmental	3,489,259	1,998,135	1,714,896	1,692,579	1,696,593	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000
Estate Taxes	224,234	670,341	172,165	1,020	104,600	-	-	-	-	-	-
Grants (Non-capital)	313,176	30,411	31,969	66,563	109,525	65,000	65,000	65,000	65,000	65,000	65,000
Charges for services	1,213,226	1,443,888	1,699,269	1,367,068	1,533,692	1,375,000	1,375,000	1,375,000	1,375,000	1,375,000	1,375,000
Fines and forfeits	175,930	198,215	205,343	195,893	261,055	195,000	195,000	195,000	195,000	195,000	195,000
Special assessments	108,394	152,297	130,704	115,235	83,114	85,000	85,000	85,000	85,000	85,000	85,000
Proceeds from sale of assets	2,500	15,346	15,396	23,104	2,406,860	3,000	3,000	3,000	3,000	3,000	3,000
Interest	180,271	157,115	127,397	188,207	307,867	300,000	300,000	300,000	300,000	300,000	300,000
Managed Reserve Contribution (from interest)	(31,660)	(29,860)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)
Miscellaneous	241,475	61,179	464,038	280,355	432,318	100,000	100,000	100,000	100,000	100,000	100,000
Advance/Transfer to other funds (net)	(432,631)	(1,280,762)	(176,947)	(1,514,948)	(1,459,371)	(1,646,059)	(1,601,615)	(1,623,837)	(1,646,059)	(1,668,281)	(1,668,281)
<b>Total Revenues</b>	<b>18,444,788</b>	<b>17,897,451</b>	<b>19,331,315</b>	<b>19,801,276</b>	<b>24,648,271</b>	<b>20,751,401</b>	<b>20,995,845</b>	<b>20,973,623</b>	<b>20,951,401</b>	<b>20,929,179</b>	<b>20,929,179</b>
<b>Operating Expenses</b>											
Security of persons and property	10,086,359	10,016,126	10,143,720	10,307,463	10,792,723	11,116,505	11,394,417	11,679,278	11,971,260	12,270,541	12,577,305
Public health and welfare	540,140	456,997	482,056	325,515	399,240	411,217	421,498	432,035	442,836	453,907	465,255
Community development	1,672,986	1,219,550	1,564,462	1,389,790	1,307,711	1,346,942	1,380,616	1,415,131	1,450,510	1,486,772	1,523,942
Transportation	1,493,581	1,456,328	1,542,365	2,087,405	1,709,003	1,760,273	1,804,280	1,849,387	1,895,622	1,943,012	1,991,587
General government	2,710,725	2,529,826	2,918,970	3,166,729	3,520,138	3,625,742	3,716,386	3,809,295	3,904,528	4,002,141	4,102,194
<b>Total Expenses</b>	<b>16,503,791</b>	<b>15,678,827</b>	<b>16,651,573</b>	<b>17,276,902</b>	<b>17,728,815</b>	<b>18,260,679</b>	<b>18,717,196</b>	<b>19,185,126</b>	<b>19,664,755</b>	<b>20,156,373</b>	<b>20,660,283</b>
<b>Operating Revenues less Expenses</b>	<b>1,940,997</b>	<b>2,218,624</b>	<b>2,679,742</b>	<b>2,524,374</b>	<b>6,919,456</b>	<b>2,490,722</b>	<b>2,278,649</b>	<b>1,788,497</b>	<b>1,286,646</b>	<b>772,806</b>	<b>268,896</b>
<b>*Adjustment for Charter Required Capital</b>	<b>(2,579,634)</b>	<b>(2,918,484)</b>	<b>(2,998,725)</b>	<b>(3,173,117)</b>	<b>(3,527,560)</b>	<b>(3,100,000)</b>	<b>(3,100,000)</b>	<b>(3,100,000)</b>	<b>(3,100,000)</b>	<b>(3,100,000)</b>	<b>(3,100,000)</b>
<b>Other Funding Sources/Uses</b>											
Proceeds from sale of notes/bonds	2,494,875	2,221,385	1,957,481	1,728,434	1,272,914	1,430,000	970,000	510,000	255,000	-	-
Debt service and issuance costs	(2,767,194)	(2,514,046)	(2,248,183)	(1,971,626)	(1,698,710)	(1,987,590)	(1,539,690)	(1,066,353)	(592,553)	(296,751)	(31,951)
Capital grants	778,148	2,839,756	2,972,613	926,221	446,177	13,901,748	1,042,500	3,340,000	40,000	-	1,150,000
<b>Net - Other Funding Sources/Uses</b>	<b>505,829</b>	<b>2,547,095</b>	<b>2,681,911</b>	<b>683,029</b>	<b>20,381</b>	<b>13,344,158</b>	<b>472,810</b>	<b>2,783,647</b>	<b>(297,553)</b>	<b>(296,751)</b>	<b>1,118,049</b>
<b>Available for Capital Outlay</b>	<b>2,446,826</b>	<b>4,765,719</b>	<b>5,361,653</b>	<b>3,207,403</b>	<b>6,939,837</b>	<b>15,834,880</b>	<b>2,751,459</b>	<b>4,572,144</b>	<b>989,093</b>	<b>476,055</b>	<b>1,386,945</b>
<b>Capital Outlay</b>	<b>3,694,791</b>	<b>5,512,678</b>	<b>4,918,140</b>	<b>2,663,258</b>	<b>2,767,272</b>	<b>18,050,823</b>	<b>3,519,400</b>	<b>6,622,400</b>	<b>3,121,650</b>	<b>1,853,000</b>	<b>4,192,000</b>
<b>Revenues/Sources minus Expenditures/Uses</b>	<b>(1,247,965)</b>	<b>(746,959)</b>	<b>443,513</b>	<b>544,145</b>	<b>4,172,565</b>	<b>(2,215,943)</b>	<b>(767,941)</b>	<b>(2,050,256)</b>	<b>(2,132,557)</b>	<b>(1,376,945)</b>	<b>(2,805,055)</b>
Recovery of prior year encumbrances	57,315	274,276	1,497,995	247,286	(1,336,835)	-	-	-	-	-	-
Reserve for Sale of City Offices					(2,390,000)	-	-	-	-	-	-
Combined Funds Balance - January 1	9,958,030	8,767,380	8,294,697	10,236,205	11,027,636	11,473,366	9,257,423	8,489,481	6,439,225	4,306,668	2,929,723
<b>Combined Funds Balance - December 31</b>	<b>8,767,380</b>	<b>8,294,697</b>	<b>10,236,205</b>	<b>11,027,636</b>	<b>11,473,366</b>	<b>9,257,423</b>	<b>8,489,481</b>	<b>6,439,225</b>	<b>4,306,668</b>	<b>2,929,723</b>	<b>124,668</b>
<b>Change in Combined Funds Balance</b>	<b>(1,190,650)</b>	<b>(472,683)</b>	<b>1,941,508</b>	<b>791,431</b>	<b>445,730</b>	<b>(2,215,943)</b>	<b>(767,941)</b>	<b>(2,050,256)</b>	<b>(2,132,557)</b>	<b>(1,376,945)</b>	<b>(2,805,055)</b>
<b>Managed Reserve Balance</b>	<b>2,221,408</b>	<b>2,251,268</b>	<b>2,276,808</b>	<b>2,302,348</b>	<b>2,327,888</b>	<b>2,353,428</b>	<b>2,378,968</b>	<b>2,404,508</b>	<b>2,430,048</b>	<b>2,455,588</b>	<b>2,481,128</b>