

Five Year Capital Improvement Program 2017 Update



CITY OF KENT, OHIO FIVE YEAR CAPITAL IMPROVEMENT PLAN

Updated October 2017

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.

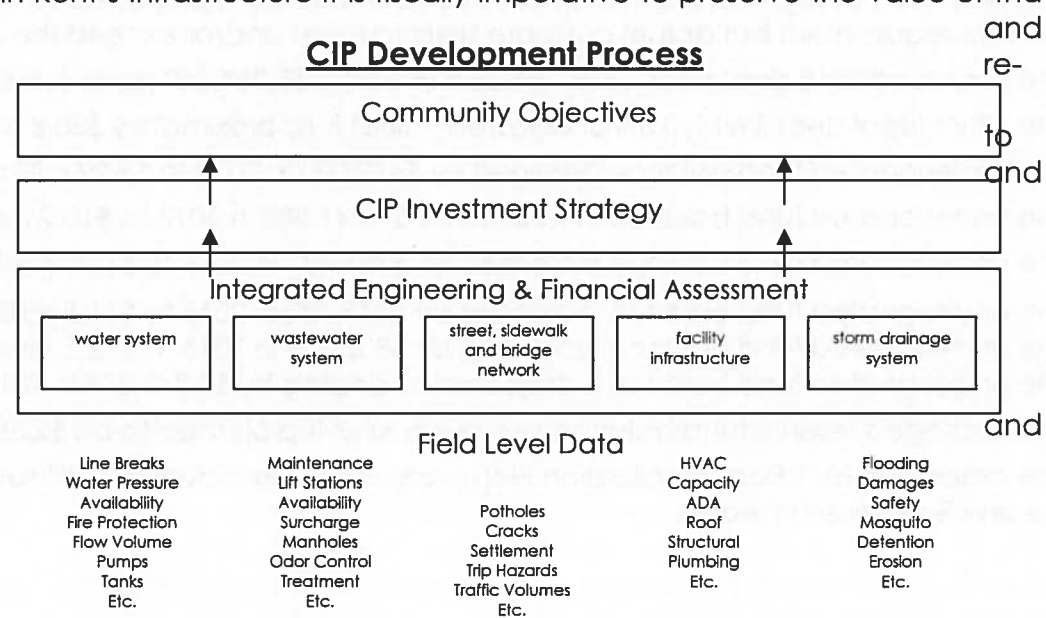
The matter of how the bill gets paid takes infrastructure into the realm of investment strategies with questions like: How valuable is the asset? How important is preservation of asset equity? What return on equity is expected? What is the risk tolerance for infrastructure failure? The answers to these 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 appropriately timed capital investments. The City's infrastructure is also expected to be a catalyst for new growth opportunities. Achieving both capital preservation and growth goals requires exceptional planning and a long term commitment to constructing 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 approved a temporary \$2/month stormwater increase and a new methodology for a long term stormwater rate stabilization is in development for 2018.

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 2018 through 2022 represents the Administration's recommendation for the City's 5-Year Capital Improvement Program.

Proposed 2018 Capital Program Summary

- The proposed 2018 capital program includes 61 funded projects.
- The total proposed capital program costs (including debt costs) for 2018 is \$12,652,983.
- \$6,652,983 of the \$12,652,983 (or 52.6%) in 2018 is grant or debt funded.
- The approved 2016 Capital Plan for 2017 listed a total City cash contribution at 35% for 2017 and the updated 2017 Plan update for 2018 includes a 47.4% total City cash contribution.
- The proposed new general government City cash contribution (income tax) for 2017 is \$3,336,008.
- The estimated Charter requirement for 2018 is \$3,350,000.
- The proposed 2018 general government cash contribution is projected to be \$13,992 below the Charter requirement but actual costs are likely to meet and/or exceed the Charter target.
- The proposed 2018 debt (debt service, principle, interest) is \$1,054,358 (down from \$1.5 million in 2017).
- The City's legal debt limit (10.5% of assessed value) is approximately \$38.8 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 increased by \$802,458 in 2016 to \$12.3 million.
- The undesignated fund balance is projected to decline by \$2,843,877 in 2017 to \$9.4 million.
- The managed reserve fund balance (emergency fund) is projected to be \$2.38 million in 2018.
- The amended 2011 Rate Stabilization Plan (water and sewer) included a 3% rate increase for 2018 in sewer and an 8% increase in water.

2018 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)
 - City Hall / Administration Building Project
- **Natural Resources***"to protect and promote the City's natural resources"*
 - Utility SCADA System Updates
 - Southwest Sanitary Sewer Pump Station
 - Valleyview/Morris Water & Stormwater Improvements
 - Wellfield Exploration and Development
 - Miscellaneous Water and Wastewater Equipment replacement and upgrades
 - Stormwater Rate Methodology
 - North Central Sanitary Sewer Repairs
 - Garth/Spaulding Waterline Replacement
 - Cedar Street Reconstruction and 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 (completion)
 - Annual Streets & Sidewalk Repair and Replacement*
 - Fire Safety and Prevention Equipment Replacement (heavy rescue unit)
 - Police Safety Equipment and Vehicle Replacements (cruiser video recorders, K-9, tasers)
 - North Water Street Improvements (pending grant funding)
 - Minor Bike and Pedestrian Improvement Projects
 - SR261 Corridor Study (on-going)
 - Sunrise Bridge Replacement
 - SR43 Signalization Project
 - 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 (completion)
 - KSU Master Plan Input (no City funding at this time)
- **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)
 - Utility Mapping Update
 - City Phone/Network Study
 - City Hall / Administration Building Project
 - Central Maintenance Equipment and Vehicle Replacements

*street repair program funds of \$1.32 million allocated for 2018

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.

2017 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		\$ 322,245		\$ 322,245				\$ 322,245	\$ 257,796				\$ 257,796	\$ 64,449	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	\$140K Balance to be paid through CDBG Funds
2015CIP012	Valleyview/Morris Water & Storm Improvement				\$ -	\$ 472,221		\$ 405,463	\$ 877,684	\$ -	\$ 183,300		\$ 206,700	\$ 390,000	\$ 487,684	OPWC Anticipated Award - \$340,000 Grant; \$50,000 Loan (W\$23,500/SW\$26,500)
2015CIP013	River Street Sanitary Sewer Replacement				\$ -		\$ 612,431		\$ 612,431	\$ -				\$ -	\$ 612,431	
2017CIP001	Annual Sidewalk/Street Program Construction		\$ 1,625,250		\$ 1,625,250			\$ 20,000	\$ 1,645,250	\$ 400,000				\$ 400,000	\$ 1,245,250	\$210k added from OPWC savings from SR 43 Signalization. \$50k for sidewalks not part of street program. OPWC Funding \$250k Grant and \$150k Loan; \$195,750 reduced for SR 261 Paving to be accelerated.
2017CIP002	Sidewalk Street Tree Damage Repairs		\$ 10,000		\$ 10,000	\$ -			\$ 10,000					\$ -	\$ 10,000	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		\$ 408,459		\$ 408,459	\$ 8,850			\$ 417,309	\$ 204,229	\$ 4,425			\$ 208,654	\$ 208,655	KSU Reimbursement
2013CIP013	Garth/Spaulding & Suzanne Waterline Replacement				\$ -	\$ -			\$ -					\$ -	\$ -	Moved \$794K plus \$18,175 prior year budget to 2018
2015CIP010	Tonkin Court Reconstruction		\$ 413,472		\$ 413,472	\$ 192,282	\$ 63,448	\$ 120,502	\$ 789,704					\$ -	\$ 789,704	
2011CIP007	Miller/Steele/Harvey Storm and Water Improvements		\$ 15,500		\$ 15,500	\$ 26,500		\$ 97,919	\$ 139,919					\$ -	\$ 139,919	
2013CIP007	River Street/Mill Race Storm Outfall				\$ -			\$ 113,523	\$ 113,523					\$ -	\$ 113,523	
2010CIP005	Pine Street Construction		\$ 1,293		\$ 1,293	\$ 15,710		\$ 30,447	\$ 47,450					\$ -	\$ 47,450	CDBG funded project.
2008CIP010	Hudson Road Water Main				\$ -	\$ 18,916			\$ 18,916					\$ -	\$ 18,916	
2008CIP012	SW Sanitary Pump Station				\$ -		\$ 17,008		\$ 17,008					\$ -	\$ 17,008	
2011CIP008	ODOT - SR 261 Resurfacing		\$ 11,110		\$ 11,110				\$ 11,110					\$ -	\$ 11,110	ODOT PID #86930
2013CIP009	West Main Street - Spaulding Traffic Signal		\$ 156,250		\$ 156,250				\$ 156,250					\$ -	\$ 156,250	
2018CIP007	ODOT POR-SR 261 Resurfacing (PID 98381)		\$ 195,750		\$ 195,750				\$ 195,750					\$ -	\$ 195,750	ODOT requested to accelerate the project up one year.
2017CIP009	Linden Road Storm Sewer - Emergency Repair				\$ -			\$ 40,000	\$ 40,000					\$ -	\$ 40,000	
2016CIP008	West Main Street Water Main Repair				\$ -	\$ 200,000			\$ 200,000					\$ -	\$ 200,000	
1997CIP009	Fairchild Bridge (Crain Ave. Bridge)		\$ 287,412.92		\$ 287,412.92				\$ 287,412.92	\$ 340,856.66	\$ 82,460.52	\$ 174,149.47	\$ 146,761.86	\$ 744,228.51	\$ (456,815.59)	Kent received a payment from ODOT for the close out of the project. The Portage County Engineer was reimbursed their share.
2013PR003	Portage Hike&Bike SR59 Brick Crosswalks		\$ 70,000		\$ 70,000				\$ 70,000					\$ -	\$ 70,000	Agreement with Kent P&R to do brick crosswalks for SR59 Segment of Portage Hike & Bike Trail
2017CIP008	S. Chestnut St. Sanitary Sewer Emergency Replacement				\$ -		\$ 48,000		\$ 48,000					\$ -	\$ 48,000	Unplanned emergency replacement of sanitary sewer - S. Chestnut Street
2017CIP010	Stow to Main St. Segment Emergency Sanitary Support Repair-Design				\$ -		\$ 19,000		\$ 19,000					\$ -	\$ 19,000	Unplanned emergency repair of sanitary sewer supports - Stow to Main St.-Design only

2017 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		
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		\$ 66,667		\$ 66,667	\$ 66,667	\$ 133,333	\$ 133,333	\$ 400,000					\$ -	\$ 400,000	
2016CMD003	Time and Attendance Reporting System		\$ 6,500		\$ 6,500				\$ 6,500					\$ -	\$ 6,500	
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
2017KFD003	Sta. 2, Remodel/Reconst., Ph. 1	\$ -			\$ -				\$ -					\$ -	\$ -	Removed \$150,000 pending validation and further scope definition.
2017KFD004	Sta. 2, Remodel/Reconst., Ph. 2	\$ -			\$ -				\$ -					\$ -	\$ -	Removed \$500,000 pending validation and further scope definition.
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	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	Deferred to at least 2022 due to lack of funding
2016KFD005	West Side Fire Station Parking Lot	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	Defer to 2020 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.
2017KPD005	MARCS Radio Project - Fire & Police		\$ 547,000		\$ 547,000				\$ 547,000					\$ -	\$ 547,000	Emergency MARCS Radio Project added for Fire and Police Depts.
2016KFD006	West Side Station Roof Rebuild/Replace	\$ 150,000			\$ 150,000				\$ 150,000					\$ -	\$ 150,000	Re-Appropriation of 2016 Project not done
2016KFD007	West Side Station Expansion/Renovation	\$ 100,000			\$ 100,000				\$ 100,000					\$ -	\$ 100,000	Re-Appropriation of 2016 Project not done
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	Taser Assurance (Replacement) Program		\$ 7,400		\$ 7,400				\$ 7,400	\$ -				\$ -	\$ 7,400	
2014KPD004	Acqulstion and Training of K-9 Team		\$ -		\$ -				\$ -					\$ -	\$ -	Moved from 2016, (15K) Project deferred to 2018
2016KPD004	Downtown Video Security Systems		\$ -		\$ -				\$ -					\$ -	\$ -	Moved from 2016 and now deferred to 2018. Removed \$50,000 pending validation and further scope definition.

2017 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
2017KPD001	Police Miscellaneous Equipment		\$ 35,000		\$ 35,000				\$ 35,000	\$ -				\$ -	\$ 35,000	
2017KPD002	Police Unmarked Vehicle Replacement (2)		\$ 35,000		\$ 35,000				\$ 35,000	\$ -				\$ -	\$ 35,000	
2017KPD003	Cruiser Video Recorders		\$ -		\$ -				\$ -	\$ -				\$ -	\$ -	Project deferred to 2019.
2018KPD008	Parking System Tablets (2)		\$ -		\$ -				\$ -					\$ -	\$ -	\$5K Project deferred to 2018
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	
2011KSS002	Citywide Phone Network Implementation		\$ 150,000		\$ 150,000				\$ 150,000					\$ -	\$ 150,000	Re-Approp of 2016 budgeted project, this project needs to be completed with the City's new police building (15-\$25k)
2015KVM002	Vehicle Maintenance Large Truck Lift		\$ 40,000		\$ 40,000	\$ 20,000	\$ 20,000		\$ 80,000					\$ -	\$ 80,000	
2015KVM001	Vehicle Maintenance Addition		\$ 26,568		\$ 26,568	\$ 15,000	\$ 15,000		\$ 56,568					\$ -	\$ 56,568	
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	
2011WRF010	Digester Heat Exchangers				\$ -		\$ 514,100		\$ 514,100					\$ -	\$ 514,100	
2011WRF007	Rebuild Secondary Clarifier Scum Box/Baffles				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2016WRF002	WRF Electrical Generator Study				\$ -		\$ 20,400		\$ 20,400					\$ -	\$ 20,400	
2016WRF003	Electrical Replacement Program				\$ -		\$ 15,000		\$ 15,000					\$ -	\$ 15,000	
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	
	2017 CIP Program Funding Totals for 2017:	\$ 932,500	\$ 4,932,377	\$ 1,539,690	\$ 7,404,567	\$ 1,442,646	\$ 1,895,220	\$ 1,081,187	\$ 11,823,620	\$ 2,470,382	\$ 270,186	\$ 174,149	\$ 353,462	\$ 3,268,179	\$ 8,555,441	

2017 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		

Legend:
 - Red print denotes reappropriated funding, additionally appropriated funding, or other change from original project plan

General Government Funds Summary Analysis		2017 for 2017
		CAP
Total Fire/EMS =	\$	932,500
Total Cap. Proj. =	\$	4,932,377
Total Fire/EMS plus Cap. Proj. =	\$	5,864,877
Total Debt Service =	\$	1,539,690
Total General Government =	\$	7,404,567
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$	2,470,382
Total General Government Funds minus Grants & Note/Bond =	\$	4,934,185
Charter Target Estimate =	\$	3,350,000
Net General Government MINUS Target =	\$	1,584,185
Prior Year Re-Appropriations Amount =	\$	1,117,397
Actual Above Charter=	\$	466,788
Total Water Funds =	\$	1,442,646
Total Water Grants =	\$	270,186
Total Water Funds minus Grants =	\$	1,172,460
Total Sanitary Funds =	\$	1,895,220
Total Sanitary Grants =	\$	174,149
Total Sanitary Funds minus Grants =	\$	1,721,071
Total Storm Funds =	\$	1,081,187
Total Storm Grants =	\$	353,462
Total Storm Funds minus Grants =	\$	727,725

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 =	\$ 4,934,185
Total Water Funds minus Grants =	\$ 1,172,460
Total Sanitary Funds minus Grants =	\$ 1,721,071
Total Storm Funds minus Grants =	\$ 727,725
Total Local Funds Cost =	\$ 8,555,441

2017 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				\$ -		\$ 2,170,000		\$ 2,170,000			\$ 2,000,000		\$ 2,000,000	\$ 170,000	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		\$ -		\$ -				\$ -					\$ -	\$ -	Preliminary PCEO Funding Estimate, Moved to 2020 after Consulting with Franklin Twp.
2015CIP017	Rellim, Lincoln & Bowman Area Waterline Improvement				\$ -	\$ -			\$ -					\$ -	\$ -	Project moved to 2020
2008CIP010	Hudson Road Water Main Replacement					\$ -			\$ -					\$ -	\$ -	Project delayed from 2017 to align with OPWC Funding, OPWC Funds (\$350k grant, 150k loan)
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		\$ 1,295,750		\$ 1,295,750			\$ 20,000	\$ 1,315,750					\$ -	\$ 1,315,750	\$50k set aside for sidewalk no part of street program. \$195,750 added to restore funding removed in 2017 for SR 261 Paving to be accelerated.
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				\$ -		\$ -		\$ -					\$ -	\$ -	Project moved to 2019
2018CIP007	ODOT POR-SR 261 Resurfacing (PID 98381)		\$ 20,000		\$ 20,000				\$ 20,000					\$ -	\$ 20,000	Funding required to Match ODOT Urban Paving Funds for overruns (contingency reduced by \$20K)
2011CIP007	Miller/Harvey/Steel Storm and Water Replacment		\$ -		\$ -	\$ -		\$ -	\$ -					\$ -	\$ -	Project deferred to 2019 due to budget considerations.
2018CIP008	Fairchild Avenue Traffic Signal Systems Analysis		\$ 20,000		\$ 20,000				\$ 20,000					\$ -	\$ 20,000	
2018CIP009	North Water Street Improvements		\$ -		\$ -				\$ -					\$ -	\$ -	- Design & Study Fees (\$100K) deferred to 2019 budget - HSP Application Expected in April, 2018, project pending availability of external funding
2017CIP006	SR 261 Revisioning the Corridor - Planning Study		\$ 50,000		\$ 50,000				\$ 50,000					\$ -	\$ 50,000	
2018CIP010	Sunrise Bridge Replacement		\$ 25,000		\$ 25,000				\$ 25,000					\$ -	\$ 25,000	
2015CIP012	Valleyview/Morris Water & Storm Improvement				\$ -			\$ 150,000	\$ 150,000					\$ -	\$ 150,000	
2015CIP007	Phase I Cedar Street Reconstruction & Sanitary Replacement		\$ 220,000		\$ 220,000	\$ 280,000	\$ 125,000	\$ 255,000	\$ 880,000					\$ -	\$ 880,000	Advanced from 2019 to utilize available CDBG Funding
2017CIP007	Storm Water Utility Rate Analysis				\$ -			\$ 75,000	\$ 75,000					\$ -	\$ 75,000	
2018CIP012	Sanitary Sewer Televising				\$ -		\$ -		\$ -					\$ -	\$ -	Removed \$50,000
2018CIP013	Sanitary and Storm Standards Update				\$ -		\$ -	\$ -	\$ -					\$ -	\$ -	Removed \$50,000
2018CIP014	Utility Mapping Update				\$ -	\$ 7,500	\$ 7,500	\$ 7,500	\$ 22,500					\$ -	\$ 22,500	
2018CIP015	North-Central Sanitary Replacement				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2018CIP016	College Avenue Parking Lot		\$ -		\$ -				\$ -					\$ -	\$ -	Project deferred to 2019 due to budget considerations.
2013CIP013	Garth/Spaulding & Suzanne Waterline Replacement				\$ -	\$ 962,175			\$ 962,175					\$ -	\$ 962,175	Brought \$794K plus \$18,175 forward from 2017 and prior year budget
2018CIP017	North-Central Sanitary Sewer - Temporary Repairs				\$ -		\$ 300,000		\$ 300,000					\$ -	\$ 300,000	
2016ADM001	New Admin. Building - Plan Development		\$ 300,000		\$ 300,000				\$ 300,000	\$ 300,000				\$ 300,000	\$ -	Funded by transfer of designated reserve from General Fund - (proceeds from sale of old administrative offices)
2018CMD001	CM, Misc. Equipment		\$ 30,000		\$ 30,000	\$ 10,000	\$ 10,000		\$ 50,000					\$ -	\$ 50,000	
2018CMD003	Sewer Camera				\$ -		\$ -	\$ -	\$ -					\$ -	\$ -	Deferred to 2019 for budget considerations

2017 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		
2018CMD004	Rubber Tired Front End Loader		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -					\$ -	\$ -	Moved to 2019
2018CMD005	Water Maintenance and Repair Van				\$ -	\$ 120,000	\$ -	\$ -	\$ 120,000					\$ -	\$ 120,000	
2018CMD006	Skid Steerer		\$ 85,000		\$ 85,000				\$ 85,000					\$ -	\$ 85,000	
2018CMD011	Hoe / Excavator		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -					\$ -	\$ -	Moved to 2020
2018CMD012	Water Leak Correlator				\$ -	\$ -	\$ -	\$ -	\$ -					\$ -	\$ -	Removed
2018CMD013	Pickup Trucks (1)				\$ -	\$ 14,500	\$ 14,500		\$ 29,000	\$ -				\$ -	\$ 29,000	
2021CMD011	Stencil Machine		\$ 50,000		\$ 50,000				\$ 50,000					\$ -	\$ 50,000	Moved up from 2021
2018CMD014	CM Operations Software		\$ 20,000		\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000					\$ -	\$ 50,000	
2018CMD015	Manhole Replacement Equipment				\$ -		\$ 15,000	\$ 15,000	\$ 30,000					\$ -	\$ 30,000	Reduced from \$50,000 to \$30,000
2010DSR001	Various Purpose Refunding Notes and General Obligations			\$ 215,327	\$ 215,327				\$ 215,327					\$ -	\$ 215,327	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			\$ 779,283	\$ 779,283				\$ 779,283	\$ 510,000				\$ 510,000	\$ 269,283	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	
2018KFD004	Station II Generator	\$ 15,000			\$ 15,000				\$ 15,000					\$ -	\$ 15,000	Removed original \$75,000 request- using the old generator from the old police station instead
2015KFD008	Heavy Rescue 1816 Replacement	\$ 690,000			\$ 690,000				\$ 690,000	\$ 690,000				\$ 690,000	\$ -	Project was deferred from 2017.
2018KFD006	Confined Space Vehicle Replacement	\$ -			\$ -				\$ -					\$ -	\$ -	\$150,000 request removed - no longer needed due to repurposing old Med Unit.
2018KFD00X	Replace Non-functioning Truck Room Exhaust System	\$ 35,000			\$ 35,000				\$ 35,000					\$ -	\$ 35,000	New Request to address emergency safety issue in FD Truck room.
2018KFD007	Portable Radios Replacement (12)	\$ -			\$ -				\$ -					\$ -	\$ -	\$21,500 No Longer Needed
2014KPD004	Acquistion and Training of K-9 Team		\$ 15,000		\$ 15,000				\$ 15,000					\$ -	\$ 15,000	Moved from 2016 to 2017 to 2018
2018KPD008	Parking System Tablets (2)		\$ 5,000		\$ 5,000				\$ 5,000					\$ -	\$ 5,000	Moved from 2017
2011KPD005	Existing PD Building Minimum Repairs	\$ -			\$ -				\$ -					\$ -	\$ -	
2014KPD006	Taser Assurance (Replacement) Program		\$ 7,400		\$ 7,400				\$ 7,400	\$ -				\$ -	\$ 7,400	
2018KPD001	Police Miscellaneous Equipment		\$ 37,500		\$ 37,500				\$ 37,500	\$ -				\$ -	\$ 37,500	
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		\$ -		\$ -				\$ -	\$ -				\$ -	\$ -	Project deferred from 2017 and 2018 - Total Project of \$45,000 deferred to 2019.
2018KPD003	Range Upgrade - Gravel & Electrical		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	Originally \$35,000 - reduced in scope to \$10,000

2017 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
2018KPD004	Cruisers for Canine Units (2)		\$ -		\$ -				\$ -					\$ -	\$ -	\$80,000 deferred to 2019
2018KPD005	Cruiser for School Resource Officer		\$ -		\$ -				\$ -					\$ -	\$ -	\$40,000 deferred to 2019
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	\$ -	\$ -	\$ -	\$ 34,000					\$ -	\$ 34,000	Most of project done in 2017
2010KVM001	Fueling Station Replacement/Relocation		\$ 160,000		\$ 160,000	\$ 20,000	\$ 20,000		\$ 200,000					\$ -	\$ 200,000	Moved from 2013 with 10% Funding Increase
2017WRF006	Final Clarifiers Weir Covers				\$ -		\$ 25,000		\$ 25,000					\$ -	\$ 25,000	
2018WRF002	Waterfall/Dam Annual Upkeep				\$ -		\$ -		\$ -					\$ -	\$ -	Project deleted for this year
2018WRF006	Aeration Tank Ammonia Probe System				\$ -		\$ -		\$ -	\$ -				\$ -	\$ -	\$20,000 move to 2019 due to lack of funding
2014WRF004	Motor Control Center Replacement, Ph. II Construction				\$ -		\$ 175,000		\$ 175,000					\$ -	\$ 175,000	
2018WRF001	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2018WRF003	Post-Aeration Piping				\$ -		\$ -		\$ -					\$ -	\$ -	Project removed. Project scope being reevaluated
2018WRF007	Single stack dishwasher for lab				\$ -		\$ 12,000		\$ 12,000					\$ -	\$ 12,000	Reduced by \$11,000 - changed to single stack
2018WRF008	Dissolved Oxygen probes for aeration tanks				\$ -		\$ 9,800		\$ 9,800					\$ -	\$ 9,800	
2020WRF005	Electrical Replacement				\$ -		\$ -		\$ -					\$ -	\$ -	Moved \$15,000 to 2020 due to lack of funds
2018WRF010	SCADA Updates				\$ -		\$ -		\$ -					\$ -	\$ -	Moved \$20,000 to 2019 due to lack of funds
2018WRF011	Sand blast and coat final clarifier				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2011WRF010	Digester Heat Exchangers				\$ -		\$ -		\$ -					\$ -	\$ -	Project increase (\$3,500,000) due to need to construct a new building for the heat digesters. Funding sources need to be determined.
2018WRF012	Radios for Lift Stations				\$ -		\$ 39,000		\$ 39,000					\$ -	\$ 39,000	
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				\$ -	\$ -			\$ -					\$ -	\$ -	Moved to 2019
2018WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2018WTP002	Clean Wells No.s 10				\$ -	\$ -			\$ -					\$ -	\$ -	Moved to 2020
2018WTP005	Clean Wells No.s 12				\$ -	\$ 35,000			\$ 35,000					\$ 35,000	\$ 35,000	Moved from 2019
2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank				\$ -	\$ -			\$ -					\$ -	\$ -	Project (\$400K) deferred to 2019 due to budget considerations.
	2017 CIP Program Funding Totals for 2018:	\$ 1,125,000	\$ 5,208,650	\$ 1,054,358	\$ 7,388,008	\$ 1,728,175	\$ 3,096,800	\$ 546,500	\$ 12,759,483	\$ 4,000,000	\$ -	\$ 2,000,000	\$ -	\$ 6,000,000	\$ 6,759,483	

2017 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		

Legend:

- Red print denotes reappropriated funding, additionally appropriated funding, or other change from original project plan

General Government Funds Summary Analysis		2017 for 2018
		CAP
Total Fire/EMS =	\$	1,125,000
Total Cap. Proj. =	\$	5,208,650
Total Fire/EMS plus Cap. Proj. =	\$	6,333,650
Total Debt Service =	\$	1,054,358
Total General Government =	\$	7,388,008
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$	4,000,000
Total General Government Funds minus Grants & Note/Bond =	\$	3,388,008
Charter Target Estimate =	\$	3,350,000
Net General Government MINUS Target =	\$	38,008

Total Water Funds =	\$	1,728,175
Total Water Grants =	\$	-
Total Water Funds minus Grants =	\$	1,728,175
Total Sanitary Funds =	\$	3,096,800
Total Sanitary Grants/Loans =	\$	2,000,000
Total Sanitary Funds minus Grants =	\$	1,096,800
Total Storm Funds =	\$	546,500
Total Storm Grants =	\$	-
Total Storm Funds minus Grants =	\$	546,500

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 =	\$	3,388,008
Total Water Funds minus Grants =	\$	1,728,175
Total Sanitary Funds minus Grants =	\$	1,096,800
Total Storm Funds minus Grants =	\$	546,500
Total Local Funds Cost =	\$	6,759,483

2017 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		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -					\$ -	\$ -	Advanced to 2018 to utilize available CDBG Funding
2008CIP010	Hudson Road Water Main Replacement				\$ -	\$ 1,015,000		\$ 59,000	\$ 1,074,000		\$ 500,000			\$ 500,000	\$ 574,000	Project delayed from 2017 to align with OPWC Funding, OPWC Funds (\$350k grant, 150k loan)
2018CIP006	Sanitary Collection System - Planning Study				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	Moved from 2019
2019CIP001	Annual Sidewalk/Street Program - Construction		\$ 1,525,000		\$ 1,525,000			\$ 20,000	\$ 1,545,000	\$ 325,000				\$ 325,000	\$ 1,220,000	OPWC Funds Received for Middlebury Road Resurfacing (\$175k grant, \$150k loan)
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	
2020CIP004	Horning Road Improvements		\$ -		\$ -				\$ -					\$ -	\$ -	Project (\$300K), need to determine external Funding Sources
2015CIP006	Sunrise Boulevard Waterline Replacement				\$ -	\$ -			\$ -					\$ -	\$ -	Project deferred to 2020 and 2021 due to budget considerations.
2018CIP015	North-Central Sanitary Replacement				\$ -		\$ 500,000		\$ 500,000					\$ -	\$ 500,000	
2018CIP012	Sanitary Sewer Televising				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2011CIP007	Miller/Harvey/Steel Storm and Water Replacement		\$ 163,000		\$ 163,000	\$ 500,000		\$ 1,000,000	\$ 1,663,000					\$ -	\$ 1,663,000	Project deferred to 2019 due to budget considerations.
2018CIP009	North Water Street Improvements		\$ -		\$ -				\$ -					\$ -	\$ -	- Design & Study Fees (\$100K) - HSP Application Expected in April, 2018, Project pending availability of external funding
2018CIP016	College Avenue Parking Lot		\$ -		\$ -				\$ -					\$ -	\$ -	Project (\$40K) deferred to 2019, pending availability of Funding Sources.
2018CIP016	College Avenue Parking Lot		\$ -		\$ -				\$ -					\$ -	\$ -	Project (\$390K), need to determine external Funding Sources.
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		\$ -		\$ -			\$ -	\$ -					\$ -	\$ -	Moved to 2020
2018CMD003	Sewer Camera				\$ -		\$ 140,000	\$ 80,000	\$ 220,000					\$ -	\$ 220,000	Deferred from 2018 for budget considerations
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	
2018CMD004	Rubber Tired Front End Loader		\$ 82,500		\$ 82,500	\$ 22,500	\$ 22,500	\$ 22,500	\$ 150,000					\$ -	\$ 150,000	Moved from 2018
2019CMD003	Snowplow		\$ 190,000		\$ 190,000				\$ 190,000					\$ -	\$ 190,000	
2019CMD004	Vehicle GPS System		\$ 26,000		\$ 26,000	\$ 6,500	\$ 6,500		\$ 39,000					\$ -	\$ 39,000	Moved from 2021
2010DSR002	Issue II Loan - Fairchild			\$ 12,824	\$ 12,824				\$ 12,824					\$ -	\$ 12,824	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			\$ 529,383	\$ 529,383				\$ 529,383	\$ 255,000				\$ 255,000	\$ 274,383	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 Deferred to 2023
2019KFD005	Replace Air Packs (entire department)	\$ -			\$ -				\$ -					\$ -	\$ -	Deferred to 2021
2018KFD003	Thermal Imaging Equipment	\$ -			\$ -				\$ -					\$ -	\$ -	Project removed at this time
2021KFD004	Fire Turnout Gear Replacement	\$ 32,000			\$ 32,000				\$ 32,000					\$ -	\$ 32,000	Replace 12 sets each year for 3 years, beginning in 2019
2019KFD00X	Hydraulic Extrication Tools for New Heavy Rescue Truck "Jaws of Life"	\$ 95,000			\$ 95,000				\$ 95,000					\$ -	\$ 95,000	

2017 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
2019KPD001	Police Miscellaneous Equipment		\$ 37,500		\$ 37,500				\$ 37,500	\$ -				\$ -	\$ 37,500	
2019KPD003	Radar Units (9)		\$ 12,000		\$ 12,000				\$ 12,000	\$ -				\$ -	\$ 12,000	
2019KPD004	Officer Sidearms		\$ 60,000		\$ 60,000				\$ 60,000	\$ -				\$ -	\$ 60,000	
2019KPD005	Police Cruiser Replacements (9)		\$ 320,000		\$ 320,000				\$ 320,000					\$ -	\$ 320,000	
2019KPD006	Taser Assurance (Replacement) Program		\$ 7,400		\$ 7,400				\$ 7,400					\$ -	\$ 7,400	
2018KPD004	Cruisers for Canine Units (2)		\$ 80,000		\$ 80,000				\$ 80,000					\$ -	\$ 80,000	Deferred From 2018
2018KPD005	Cruiser for School Resource Officer		\$ 40,000		\$ 40,000				\$ 40,000					\$ -	\$ 40,000	Deferred From 2018
2017KPD003	Cruiser Video Recorders		\$ 45,000		\$ 45,000				\$ 45,000	\$ -				\$ -	\$ 45,000	Deferred From 2018
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		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -					\$ -	\$ -	Removed, project done in 2017 and 2018
2015KVM003	Vehicle Maintenance Specialities Maintenance Improvements		\$ 100,000		\$ 100,000	\$ 50,000	\$ 50,000		\$ 200,000					\$ -	\$ 200,000	
2018WRF006	Aeration Tank Ammonia Probe System				\$ -		\$ 20,000		\$ 20,000	\$ -				\$ -	\$ 20,000	\$20,000 deferred to 2019 due to lack of funding
2018WRF010	SCADA Updates				\$ -		\$ 20,000		\$ 20,000					\$ -	\$ 20,000	Deferred \$20,000 to 2019 due to lack of funds
2017WRF006	Final Clarifiers Weir Covers				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2014WRF004	Motor Control Center Replacement, Ph. III Construction				\$ -		\$ 190,000		\$ 190,000					\$ -	\$ 190,000	
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	
2019WRF004	Sand blast and coat final clarifier				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2019WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2018WTP005	Well Cleaning #12				\$ -	\$ -			\$ -					\$ -	\$ -	Moved to 2018
2011WTP004	Well Field Development				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2019WTP002	Well Cleaning #13				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	
2017WTP004	Paint KSU 400,000 Gallon including Lead Abatement and Paint 250,000 Gallon Inside and Out				\$ -	\$ 680,000			\$ 680,000	\$ 680,000				\$ 680,000	\$ -	Project deferred from 2018 due to budget considerations. Need to determine external funding via debt or OPWC.
2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank				\$ -	\$ 400,000			\$ 400,000	\$ 400,000				\$ 400,000	\$ -	Project deferred to back to 2019 due to budget considerations. Need to determine external funding via debt or OPWC.
2017 CIP Program Funding Totals for 2019:		\$ 512,000	\$ 2,963,400	\$ 576,308	\$ 4,051,708	\$ 2,839,000	\$ 1,279,000	\$ 1,186,500	\$ 9,356,208	\$ 580,000	\$ 1,580,000	\$ -	\$ -	\$ 2,160,000	\$ 7,196,208	

2017 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		

Legend:

- Red print denotes reappropriated funding, additionally appropriated funding, or other change from original project plan

General Government Funds Summary Analysis		2017 for 2019
		CAP
Total Fire/EMS =	\$	512,000
Total Cap. Proj. =	\$	2,963,400
Total Fire/EMS plus Cap. Proj. =	\$	3,475,400
Total Debt Service =	\$	576,308
Total General Government =	\$	4,051,708
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$	580,000
Total General Government Funds minus Grants & Note/Bond =	\$	3,471,708
Charter Target Estimate =	\$	3,400,000
Net General Government MINUS Target =	\$	71,708

Total Water Funds =	\$	2,839,000
Total Water Grants =	\$	1,580,000
Total Water Funds minus Grants =	\$	1,259,000
Total Sanitary Funds =	\$	1,279,000
Total Sanitary Grants =	\$	-
Total Sanitary Funds minus Grants =	\$	1,279,000
Total Storm Funds =	\$	1,186,500
Total Storm Grants =	\$	-
Total Storm Funds minus Grants =	\$	1,186,500

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 =	\$	3,471,708
Total Water Funds minus Grants =	\$	1,259,000
Total Sanitary Funds minus Grants =	\$	1,279,000
Total Storm Funds minus Grants =	\$	1,186,500
Total Local Funds Cost =	\$	7,196,208

2017 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	Rellim, Lincoln & Bowman Area Waterline Improvement				\$ -	\$ 100,000			\$ 100,000					\$ -	\$ 100,000	
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				\$ -	\$ 100,000			\$ 100,000					\$ -	\$ 100,000	\$100K moved from 2019 due to budget considerations
2018CIP009	North Water Street Improvements		\$ -		\$ -				\$ -					\$ -	\$ -	- \$1MM Construction Fees - HSP Application Expected in April, 2018, Project pending availability of external funding - 80/20 split for construction
2013CIP012	Hudson Road/Franklin Township Project Participation		\$ 157,500		\$ 157,500				\$ 157,500					\$ -	\$ 157,500	Preliminary PCEO Funding Estimate, Moved to 2020 after Consulting with Franklin Twp.
2020CIP004	Homing Road Improvements		\$ -		\$ -				\$ -					\$ -	\$ -	\$130K Project , Potential outside Funding Sources \$300K Project, need to determine potential external Funding Sources
2018CIP012	Sanitary Sewer Televising				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2020CMD003	Salt Storage		\$ 110,000		\$ 110,000				\$ 110,000					\$ -	\$ 110,000	Revised and Advanced Project from 2021 and added \$50K
2018CMD007	Street Sweeper		\$ 150,000		\$ 150,000			\$ 60,000	\$ 210,000					\$ -	\$ 210,000	Moved from 2019
2018CMD011	Hoe / Excavator		\$ 100,000		\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000					\$ -	\$ 250,000	Moved from 2018
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	
2020CMD004	One Ton Dump Truck		\$ 50,000		\$ 50,000				\$ 50,000					\$ -	\$ 50,000	
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
2019DSR001	Note Debt-Paint 2 Water Tanks				\$ -	\$ 130,000			\$ 130,000					\$ -	\$ 130,000	Assume 3% Interest Plus Issuance, 10 yr Amortization
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	
2019KFD006	Replace Fire Prevention Vehicle	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	\$40,000 Deferred to 2023
2016KFD005	West Side Fire Station Parking Lot	\$ 50,000			\$ 50,000				\$ 50,000	\$ -				\$ -	\$ 50,000	Deferred to 2020 from 2016 due to lack of funding
2021KFD004	Fire Turnout Gear Replacement	\$ 32,000			\$ 32,000				\$ 32,000					\$ -	\$ 32,000	Replace 12 sets each year for 3 years, beginning in 2019
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	
2020KPD006	Taser Assurance (Replacement) Program		\$ 7,400		\$ 7,400				\$ 7,400					\$ -	\$ 7,400	

2017 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
2020KPD004	Fingerprint Machine Replacement		\$ 12,000		\$ 12,000				\$ 12,000					\$ -	\$ 12,000	
2019KPD006	Taser Assurance (Replacement) Program		\$ 7,400		\$ 7,400				\$ 7,400					\$ -	\$ 7,400	
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	
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	
2017WRF006	Final Clarifiers Weir Covers				\$ -		\$ -		\$ -					\$ -	\$ -	
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)				\$ -		\$ -		\$ -					\$ -	\$ -	Delayed until 2022
2014WRF004	Motor Control Center Replacement, Ph. IV Construction				\$ -		\$ 155,000		\$ 155,000					\$ -	\$ 155,000	
2020WRF001	Sand blast and coat final clarifier				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2020WRF005	Electrical Replacement				\$ -		\$ 15,000		\$ 15,000					\$ -	\$ 15,000	Deferred \$15,000 to 2020 due to lack of funds
2011WTP004	Well Field Development				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	Contingent on EPA Approval and Grants
2015WTP007	WTP, Gravel Replacement in Recharge Basin				\$ -	\$ 250,000			\$ 250,000					\$ -	\$ 250,000	
2020WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2019WTP002	Clean Well No. 13				\$ -	\$ -			\$ -					\$ -	\$ -	Moved to 2019
2018WTP002	Clean Well No. 10				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	Moved from 2018
2017 CIP Program Funding Totals for 2020:		\$ 472,000	\$ 1,994,300	\$ 296,751	\$ 2,763,051	\$ 925,000	\$ 495,000	\$ 135,000	\$ 4,318,051	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,318,051	

2017 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	Gen Gov	Water	Sanitary	Storm	Total		

Legend:

- Red print denotes reappropriated funding, additionally appropriated funding, or other change from original project plan

General Government Funds Summary Analysis		2017 for 2020
		CAP
Total Fire/EMS =	\$	472,000
Total Cap. Proj. =	\$	1,994,300
Total Fire/EMS plus Cap. Proj. =	\$	2,466,300
Total Debt Service =	\$	296,751
Total General Government =	\$	2,763,051
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$	-
Total General Government Funds minus Grants & Note/Bond =	\$	2,763,051
Charter Target Estimate =	\$	3,450,000
Net General Government MINUS Target =	\$	(686,949)

Total Water Funds =	\$	925,000
Total Water Grants =	\$	-
Total Water Funds minus Grants =	\$	925,000
Total Sanitary Funds =	\$	495,000
Total Sanitary Grants =	\$	-
Total Sanitary Funds minus Grants =	\$	495,000
Total Storm Funds =	\$	135,000
Total Storm Grants =	\$	-
Total Storm Funds minus Grants =	\$	135,000

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 =	\$	2,763,051
Total Water Funds minus Grants =	\$	925,000
Total Sanitary Funds minus Grants =	\$	495,000
Total Storm Funds minus Grants =	\$	135,000
Total Local Funds Cost =	\$	4,318,051

2017 CIP for Year 2021

Proj. No.	Project Name	2021 Programmed Funding*							2021 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	
2015CIP006	Sunrise Boulevard Waterline Replacement				\$ -	\$ 500,000			\$ 500,000					\$ -	\$ 500,000	
2020CIP004	Homing Road Improvements		\$ -		\$ -				\$ -					\$ -	\$ -	\$2,170,000 Project, need to determine external Funding Sources
2018CIP012	Sanitary Sewer Televising				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2021CMD001	CM, Misc. Equipment		\$ 30,000		\$ 30,000	\$ 10,000	\$ 10,000		\$ 50,000					\$ -	\$ 50,000	
2020CMD003	Salt Storage		\$ -		\$ -				\$ -					\$ -	\$ -	Moved to 2020 - "Salt Storage" and increased \$50K
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, Chassis Only		\$ 90,000		\$ 90,000				\$ 90,000					\$ -	\$ 90,000	
2021CMD011	Stencil Machine		\$ -		\$ -				\$ -					\$ -	\$ -	Moved to 2018
2021CMD006	Carpentry Shop Enclosure		\$ 20,000		\$ 20,000	\$ 5,000	\$ 5,000		\$ 30,000					\$ -	\$ 30,000	
2019CMD004	Vehicle GPS System		\$ -		\$ -	\$ -	\$ -		\$ -					\$ -	\$ -	Moved to 2019
2021CMD008	Brush Chipper		\$ 80,000		\$ 80,000				\$ 80,000					\$ -	\$ 80,000	Increaseed cost by \$30K
2021CMD009	Paver		\$ 300,000		\$ 300,000				\$ 300,000					\$ -	\$ 300,000	
2021CMD012	Snowplow		\$ 200,000		\$ 200,000				\$ 200,000					\$ -	\$ 200,000	
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ -	\$ -				\$ -					\$ -	\$ -	Paid in Full July 2020
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801					\$ -	\$ 29,801	
2019DSR001	Note Debt-Paint 2 Water Tanks				\$ -	\$ 130,000			\$ 130,000					\$ -	\$ 130,000	Assume 3% Interest Plus Issuance, 10 yr Amortization
2017ENG003	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	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	Defer Project to 2022. Seek partial funding from KSU due to unique service needs.
2021KFD004	Fire Turnout Gear Replacement	\$ 32,000			\$ 32,000				\$ 32,000					\$ -	\$ 32,000	Replace 12 sets each year for 3 years, beginning in 2019
2019KFD005	Replace Air Packs (entire department)	\$ 265,000			\$ 265,000				\$ 265,000	\$ 238,500			\$ 238,500	\$ 26,500	\$ 26,500	Deferred from 2019, contingent on FEMA AFG Grant
2021KPD001	Police Miscellaneous Equipment	\$ 40,000			\$ 40,000				\$ 40,000					\$ -	\$ 40,000	
2021KPD006	Taser Assurance (Replacement) Program	\$ 7,400			\$ 7,400				\$ 7,400					\$ -	\$ 7,400	
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	

2017 CIP for Year 2021

Proj. No.	Project Name	2021 Programmed Funding*							2021 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
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	
2021KVM005	Service Truck		\$ 45,000		\$ 45,000	\$ 15,000	\$ 15,000		\$ 75,000					\$ -	\$ 75,000	
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. V Construction				\$ -		\$ 120,000		\$ 120,000					\$ -	\$ 120,000	Reduced Project cost by \$30K
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	
2021WTP004	Replace Kenworth				\$ -	\$ 180,000			\$ 180,000					\$ -	\$ 180,000	
2021WTP005	Mogadore Tank Improvements					\$ 300,000			\$ 300,000					\$ -	\$ 300,000	
2017 CIP Program Funding Totals for 2021:		\$ 687,000	\$ 2,732,400	\$ 29,801	\$ 3,449,201	\$ 1,993,800	\$ 345,000	\$ 85,000	\$ 5,873,001	\$ 238,500	\$ -	\$ -	\$ -	\$ 238,500	\$ 5,634,501	

Legend:

- Red print denotes reappropriated funding, additionally appropriated funding, or other change from original project plan

General Government Funds Summary Analysis		2017 for 2021
		CAP
Total Fire/EMS =	\$ 687,000	
Total Cap. Proj. =	\$ 2,732,400	
Total Fire/EMS plus Cap. Proj. =	\$ 3,419,400	
Total Debt Service =	\$ 29,801	
Total General Government =	\$ 3,449,201	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 238,500	
Total General Government Funds minus Grants & Note/Bond =	\$ 3,210,701	
Charter Target Estimate =	\$ 3,500,000	
Net General Government MINUS Target =	\$ (289,299)	

Total Water Funds =	\$ 1,993,800
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 1,993,800
Total Sanitary Funds =	\$ 345,000
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 345,000
Total Storm Funds =	\$ 85,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 85,000

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 =	\$ 3,210,701
Total Water Funds minus Grants =	\$ 1,993,800
Total Sanitary Funds minus Grants =	\$ 345,000
Total Storm Funds minus Grants =	\$ 85,000
Total Local Funds Cost =	\$ 5,634,501

2017 CIP for Year 2022

Proj. No.	Project Name	2022 Programmed Funding*							2022 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
2022CIP001	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
2022CIP002	Sidewalk Street Tree Damage Repairs		\$ 5,000		\$ 5,000	\$ -			\$ 5,000					\$ -	\$ 5,000	Added per KCC 6/17/15
2022CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		\$ 10,000		\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2015CIP017	Relim, Lincoln & Bowman Area Waterline Improvement				\$ -	\$ 1,000,000			\$ 1,000,000					\$ -	\$ 1,000,000	
2018CIP012	Sanitary Sewer Televising				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2022CMD001	CM Miscellaneous Equipment		\$ 30,000		\$ 30,000	\$ 10,000	\$ 10,000		\$ 50,000					\$ -	\$ 50,000	
2022CMD002	Pickup truck				\$ -	\$ 16,500	\$ 16,500		\$ 33,000					\$ -	\$ 33,000	
2022CMD004	Excavator		\$ 30,000		\$ 30,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000					\$ -	\$ 75,000	
2022CMD005	One Ton Dump Truck		\$ 70,000		\$ 70,000				\$ 70,000					\$ -	\$ 70,000	
2022CMD003	Leaftruck		\$ 160,000		\$ 160,000				\$ 160,000					\$ -	\$ 160,000	
2022CMD007	Roadside Mower		\$ 60,000		\$ 60,000				\$ 60,000					\$ -	\$ 60,000	
2022CMD008	Storage Facility		\$ 40,000		\$ 40,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000					\$ -	\$ 100,000	
2022CMD009	Water Tank System		\$ 50,000		\$ 50,000				\$ 50,000					\$ -	\$ 50,000	
2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ -	\$ -				\$ -					\$ -	\$ -	Paid in Full
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801					\$ -	\$ 29,801	
2019DSR001	Note Debt-Paint 2 Water Tanks				\$ -	\$ 130,000			\$ 130,000					\$ -	\$ 130,000	Assume 3% Interest Plus Issuance, 10 yr Amortization
2022KFD001	Fire Miscellaneous Equipment	\$ 40,000			\$ 40,000				\$ 40,000					\$ -	\$ 40,000	
2022KFD002	Fire Vehicle Replacement Fund	\$ 350,000			\$ 350,000				\$ 350,000					\$ -	\$ 350,000	
2015KFD003	Sta #2, Interior Floor & Drain Replacement	\$ -			\$ -				\$ -	\$ -				\$ -	\$ -	Deferred due to lack of funding
2021KFD003	Tower 1819 Replacement	\$ 1,150,000			\$ 1,150,000				\$ 1,150,000	\$ 1,150,000				\$ 1,150,000	\$ -	Deferred Project from 2021. Seek partial additional funding from KSU due to unique service needs.
2022KFD00X	Replace or Refurbish 2012 Lifeline Med Unit	\$ 200,000			\$ 200,000				\$ 200,000	\$ 200,000				\$ 200,000	\$ -	
2022KPD001	Police Miscellaneous Equipment	\$ 40,000			\$ 40,000				\$ 40,000					\$ -	\$ 40,000	
2022KPD006	Taser Assurance (Replacement) Program	\$ 7,400			\$ 7,400				\$ 7,400					\$ -	\$ 7,400	
2022KSD004	Misc. Roadway Lighting Equipment	\$ 10,000			\$ 10,000				\$ 10,000					\$ -	\$ 10,000	
2022WRF001	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
2022WRF002	Waterfall/Dam Annual Upkeep				\$ -		\$ 10,000		\$ 10,000					\$ -	\$ 10,000	
2016WRF010	WRF, Electric Generator (Construction)				\$ -		\$ 250,000		\$ 250,000					\$ -	\$ 250,000	Moved from 2020
2022WRF003	Turbo 10 year replacement parts				\$ -		\$ 25,000		\$ 25,000					\$ -	\$ 25,000	
2022WTP001	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
2022WTP002	Clean Wells No.s 12				\$ -	\$ 35,000			\$ 35,000					\$ -	\$ 35,000	
2022WTP003	CO2 Installation and Building				\$ -	\$ 250,000			\$ 250,000					\$ -	\$ 250,000	
2017 CIP Program Funding Totals for 2022:		\$ 1,740,000	\$ 1,812,400	\$ 29,801	\$ 3,582,201	\$ 1,526,500	\$ 446,500	\$ 55,000	\$ 5,610,201	\$ 1,350,000	\$ -	\$ -	\$ -	\$ 1,350,000	\$ 4,260,201	

2017 CIP for Year 2022

Proj. No.	Project Name	2022 Programmed Funding*							2022 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		

Legend:

- Red print denotes reappropriated funding, additionally appropriated funding, or other change from original project plan

General Government Funds Summary Analysis	2017 for 2022
	CAP
Total Fire/EMS =	\$ 1,740,000
Total Cap. Proj. =	\$ 1,812,400
Total Fire/EMS plus Cap. Proj. =	\$ 3,552,400
Total Debt Service =	\$ 29,801
Total General Government =	\$ 3,582,201
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 1,350,000
Total General Government Funds minus Grants & Note/Bond =	\$ 2,232,201
Charter Target Estimate =	\$ 3,550,000
Net General Government MINUS Target =	\$ (1,317,799)

Total Water Funds =	\$ 1,526,500
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 1,526,500
Total Sanitary Funds =	\$ 446,500
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 446,500
Total Storm Funds =	\$ 55,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 55,000

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 =	\$ 2,232,201
Total Water Funds minus Grants =	\$ 1,526,500
Total Sanitary Funds minus Grants =	\$ 446,500
Total Storm Funds minus Grants =	\$ 55,000
Total Local Funds Cost =	\$ 4,260,201

**2017 CAP PLAN UPDATE
2017 - 2022 Project Descriptions**

Proj.#	Description	2017	2018	2019	2020	2021	2022	6-Year Total 2017 - 2022
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
1992-013 1992CIP013	Summit Street Traffic Signal Coordination - 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. Reimbursements: 2011, \$583,760 From ODOT and \$72,970 From KSU totaling \$656,730; 2012 \$436k (ODOT-HSP-RW); \$89.5k (KSU Phase II Design and RW) was funded at \$2,000,000; 2014 \$10,800,000 AMATS & Highway Safety. Total Reimbursements 2012 through 2016 - \$11,982,230 Net Cost to City \$562,770 Grant & Partners Money Tied to Project	\$ 417,309						\$ 417,309
1997-009 1997CIP009	Fairchild Avenue Bridge Project (Crain Avenue Bridge) - 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. Reimbursements: 2011, County \$131,000 and \$214,300 ODOT RW; no funding reimbursement 2012 through 2016. The project was closed in 2017 and a ODOT returned \$744,228.51 of the down payment. Portage County was reimbursed their share of the down payment (\$287,412.92) in 2017.	\$ 287,413						\$ 287,413
2008-010 2008CIP010	Hudson Road Watermain Replacement - 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	\$ -	\$ 1,074,000				\$ 1,092,916
2008-012 2008CIP012	SW Sanitary Pump Stations System - This project includes the replacement of two old pump stations within the City's Sanitary Collection System. These pump stations are located on Middlebury Road and Yacavona 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 and Leonard/Francis/Cheilton to the North.	\$ 17,008	\$ 2,170,000					\$ 2,187,008
2010-05 2010CIP05	Pine Street Construction - 2017 Re-appropriation of prior year funding	\$ 47,450						\$ 47,450
2011-007 2011CIP007	Miller/Harvey/Steele Storm and Water Replacement Project - 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. Project moved to 2018 due to lack of funding in F#208.	\$ 139,919	\$ -	\$ 1,663,000				\$ 1,802,919
2011-008 2011CIP008	ODOT - SR 261 Resurfacing (PID 86930) - 2017 Re-appropriation of funding for the City's share for ODOT to resurface SR 261 from approximately Summit Street north to the corporation line.	\$ 11,110						\$ 11,110
2011-010 2011CIP010	SR 43 Signalization (South Water Street Traffic Improvements) - This project includes upgrading our traffic signal systems from SR 261 to Summit Street. This would add seven signals to the central traffic control system being constructed as part of the SR 59 Signalization Project. Evaluations will be performed to determine if additional turn lanes are required to improve traffic flow. AMATS funding will be pursued to assist in funding the construction costs of the project.	\$ 322,245	\$ 2,500,000					\$ 2,822,245
2012-003 2012CIP003	Allen Drive Bridge Replacement - 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
2013-007 2013CIP007	River Street/Mill Race Drive Storm Outfall - 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.	\$ 113,523						\$ 113,523
2013-009 2013CIP009	West Main Street - Spaulding Drive Traffic Signal Replacement - 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.	\$ 156,250						\$ 156,250
2013-012 2013CIP012	Hudson Road - Franklin Township Project Participation - 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	Garth, Spaulding and Suzanne Waterline Replacement - 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).	\$ -	\$ 962,175					\$ 962,175
2013-014 2013CIP014	Short Street/Grove Avenue Sanitary Sewer Study - 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
2015-004 2015CIP004	Malors/Stinaff/Cuyahoga Area Waterline Replacement and Drainage Improvements - This project includes the replacement and interconnection of approximately 2,000 feet of substandard watermain on Cuyahoga, Majors Lane and Stinaff. The purpose of the waterline improvement is to reduce necessary maintenance due to multiple breaks, upslope and loop the line for improved fire flow, add hydrants, and improve water quality. In addition, the same streets, plus Randall and Harold, have drainage problems that primarily consist of inadequate roadway drainage. The project would also provide needed roadway drainage, by either providing adequate ditches or a storm sewer system.	\$ -				\$ 98,800		\$ 98,800
2015-006 2015CIP006	Sunrise Boulevard Waterline Replacement - 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	Phase I - Cedar Street Reconstruction and Sanitary Replacement - 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	\$ 880,000	\$ -				\$ 980,000
2015-009 2015CIP009	Leonard / Francis Waterline Replacement - The project would consist of replacing 1665 feet of existing 4 & 6 inch pipe on Francis to connect Leonard 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	Tonkin Court Reconstruction - 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.	\$ 789,704						\$ 789,704
2015-012 2015CIP012	Valleyview/Morris Water and Storm Improvements - This project consists of replacing the existing storm sewer and watermain on Valleyview Street from Lincoln Street to Morris Road and replacing 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.	\$ 877,684	\$ 150,000					\$ 1,027,684
2015-013 2015CIP013	River Street Sanitary Sewer Replacement - 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.	\$ 612,431						\$ 612,431

**2017 CAP PLAN UPDATE
2017 - 2022 Project Descriptions**

Proj.#	Description	2017	2018	2019	2020	2021	2022	6-Year Total 2017 - 2022
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
2015-014 2015CIP014	West Main & Short Street Area Waterline & Sanitary Improvements - 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 flow in the area. Also, there were eight (8) water main breaks in this area from 1996 to 2014. The project may also include revisions to the sanitary system determined from the Short Street/Grove Area Sanitary Study (2013-014).	\$ -	\$ -	\$ -	\$ 125,000			\$ 125,000
2015-015 2015CIP015	ODOT - SR 59 & 43 Paving (PID #101270) - 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 Sinaiff Street to the north corporation limit. ODOT is currently budgeting \$988,800 in federal funds to contribute to this project.	\$ -	\$ -	\$ -	\$ -	\$ 45,000		\$ 45,000
2015-016 2015CIP0016	Franklin Ave/Indian Valley Sanitary Sewer Study - 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.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,100,000
2015-017 2015CIP017	Rehlim, Lincoln & Bowman Area Waterline Improvement - The project consists of over 3,000 feet of waterline replacements in the area that generally includes Rehlim 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 water mains that have had 16 breaks from 1999 to 2014.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017-007 2017CIP007	Storm Water Rate Analysis - 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	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
2017-009 2017CIP009	Linden Road Storm Sewer - Emergency Repair - This project includes the replacement of a failed section of storm sewer on Linden Road.	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
2018-001 2018CIP001	Annual Sidewalk/Street Program Construction - [Also Years 2017-01, 2018-01, 2019-01, 2020-01, 2021-01 & 2022-01] 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.	\$ 1,645,250	\$ 1,315,750	\$ 1,545,000	\$ 1,220,000	\$ 1,320,000	\$ 1,320,000	\$ 8,366,000
20XX-002 20XXCIP002	Sidewalk Street Tree Damage Repairs - 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.	\$ 10,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 35,000
2016-008 2016CIP008	West Main Street Water Main Repair - This emergency project included the replacement of the existing water main on West Main Street under the W&L RR crossing. This project was required when the existing main broke underneath the RR tracks and could not be repaired.	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
2017-004 2017CIP004	ODOT POR-MCRO FY2018(B)-PID 102352 - 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	Miscellaneous Active Transportation Improvements - (Also 18-05, 19-05, 20-05, 21-05 and 22-05) This sustainability project is an 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	\$ 10,000	\$ 60,000
2017-006 2017CIP006	SR 261 Revisiting the Corridor - Planning Study - 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.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018-008 2018CIP008	Fairchild Avenue Traffic Signal Systems Analysis - This project will analyze and adjust the timing and phasing of the existing signals at Fairchild/Manua, Fairchild/Water and Crain/Lake/Water to provide improved vehicular flow through the area.	\$ 35,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 85,000
2018-009 2018CIP009	North Water Street Improvements - This project includes modifications to North Water Street from Main Street to Brady to improve pedestrian and vehicular safety, improve cross walks and walkability, resurface Water Street and reconfigure the pavement markings to meet the goals of the project. This project is intended to be submitted to ODOT's Highway Safety Program (HSP) for funding.	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
2018-010 2018CIP010	Sunrise Bridge Replacement - This project includes the replacement of the Sunrise Drive bridge over Fish Creek. This project is intended to be submitted to ODOT's Municipal Bridge Program for funding.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018-012 2018CIP012	Sanitary Sewer Televising - This annual project includes the televising of the existing sanitary sewer system to determine structural deficiencies and program their repair/replacement.	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
2018-013 2018CIP013	Sanitary and Storm Standards Update - This project includes the updates to our construction standards for sanitary and storm work.	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 200,000
2018-014 2018CIP014	Utility Mapping Update - This project will improve our existing utility infrastructure mapping, by field locating items to supplement the plan records.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018-015 2018CIP015	North-Central Sanitary Replacement - This project includes the study and design of a long term solution to replace/repair the existing 16" sanitary sewer that runs along the CSX RR from Stow Street to Main Street.	\$ 22,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,500
2018-016 2018CIP016	College Avenue Parking Lot - This project includes the improvement of the City owned parking lot at the corner of College Avenue and Franklin Street. The project would include formalizing the eastern portion as a parking which was started when Portage County previously removed a building from the site.	\$ 50,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000
2018-017 2018CIP017	North-Central Sanitary Sewer - Temporary Repairs - This project includes performing temporary foundation/support repairs to the existing 16" sanitary sewer that runs along the CSX RR from Stow Street to Main Street.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2013-003 2013PR003	Portage Hike & Bike Trail - SR 59 Brick Crosswalks - This project included the construction of the Portage Hike & Bike Trail from Tannery Park to the Esplanade along SR 59. The project was funded by the parks & recreation department and federal funding received through AMATS. The portion of the project included in the CIP was to upgrade the trail crossings at Water Street and Depeyster Street using brick pavers.	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
2017-008 2017CIP008	S Chestnut St. Sanitary Sewer Emergency Replacement - This project included the replacement of approximately 300 ft of sanitary sewer on S. Chestnut Street that had structurally failed.	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
2017-010 2017CIP010	Stow to Main St Segment Emergency Sanitary Support Repair - Design - This project includes the design of emergency repairs necessary for the 16" sanitary trunk line adjacent to the CSX RR between Stow Street and Main Street.	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000
2020-004 2020CIP004	Horning Road Improvements - This project would include roadway and pedestrian improvements on Horning Road from E. Main Street to Loop Road. The improvements would improve safety, pedestrian facilities and replace poor pavement within the project limits.	\$ 19,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,000
2018-006 2018CIP006	Sanitary Collection System - Planning Study - 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.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018-007 2018CIP007	ODOT POR-SR 261 Resurfacing (PID 96381) - 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.	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
2021-004 2021CIP004	SAC Parking Lot Replacement - This project includes the replacement of the parking lot at the Service Administration Complex.	\$ 195,750	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 215,750
		\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000

**2017 CAP PLAN UPDATE
2017 - 2022 Project Descriptions**

Proj.#	Description	2017	2018	2019	2020	2021	2022	6-Year Total 2017 - 2022
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
2016-001 2016ADM001	New Admin. Building - Plan Development. - This project includes the plan development phase for a new administration building. The plan development phase also includes finalizing the facilities and staffing to be housed in the new building. The building is to be located at the corner of Water Street and Haymaker Parkway.	\$ 300,000						\$ 300,000
2017-005 2017KPD005	MARCS Radio Project. - This was a combined emergency project for Fire & Police to enable radio communications via an 800MHz radio system that is in various stages of implementation on a Portage County and Statewide basis. It is intended to enhance and facilitate "Multi-Agency Radio Communications" for improved public safety and safety of emergency personnel.	\$ 547,000						\$ 547,000
	Capital Projects	\$ 6,820,962	\$ 9,135,425	\$ 4,932,000	\$ 1,842,500	\$ 2,983,800	\$ 2,385,000	\$ 28,099,687
	Budget & Finance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Community Development Projects & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CM-12-03 2012CMD003	Aerial Lift/Bucket Truck Replacement. - 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	Central Maintenance Misc. Capital Equipment - [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 & CM-22-01.] This funding source allows the Central Maintenance Division to purchase small capital equipment items greater than \$2,500	\$ 47,500	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 287,500
CM-15-11 2015CMD011	Pickup Truck - (Replace 1 in 2017 CM-17-02, in 2018 CM-18-13, in 2019 CM-19-02, in 2020 CM-20-02, 2021 CM-21-02 and 1 in 2022 CM-22-02) 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.	\$ 28,000	\$ 29,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 33,000	\$ 180,000
CM-19-003 2019CMD003	Snowplow - (Replace 1 in 2019 CM-19-003, and 1 in 2021 CM-21-012). Truck set up for street snowplowing and hauling various other materials. These trucks do more than just snowplow as they are used all year. Oldest 2 trucks used for snowplowing 2003 & 2004 model trucks, these two trucks would likely be shifted to other departments who utilize a truck this size for less hours. The Water Plant has a 1996 model and Parks has a 1988 model, one would be replaced.		\$ 190,000			\$ 200,000		\$ 390,000
CM-17-03 2017CMD003	Hooklift Truck with V Box & Dump - This versatile replacement vehicle is able to serve as a snow plow with salt distributor, brine tanker and dump truck depending on the current needs. This type of versatile vehicle allows us to reduce the number of vehicles needed in the fleet. This truck is replacing a 1995 vehicle.	\$ 170,000						\$ 170,000
CM-18-11 2018CMD011	Hoee / Excavator - (Replace 1 in 2018 CM-18-11, and 1 in 2022 CM-22-04) 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 and also repairs on roads, etc. Central Maintenance keeps 3 excavators/backhoes in our fleet. Replacement for one of two backhoes 1994 & 1996.				\$ 250,000		\$ 75,000	\$ 325,000
CM-15-09 2015CMD009	Stump Grinder - The current stump grinder was purchased in 1995 and 24 years old in 2019.			\$ 55,000				\$ 55,000
CM-16-03 2016CMD003	Time & Attendance Reporting Solution (Limited System). - Prior year Re-Appropriation amendment requested to acquire a new limited solution (primarily timeclock centered) to more effectively and efficiently account for Central Maintenance staffing hours.	\$ 6,500						\$ 6,500
CM-18-02 2018CMD002	Sewer Jet (Sewer Cleaning Machine) - 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.	\$ 400,000						\$ 400,000
CM-18-03 2018CMD003	Sewer Camera - The Sewer Camera is an intrigril 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	Rubber Tired Front End Loader - 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.	\$ -	\$ -	\$ 150,000				\$ 150,000
CM-18-05 2018CMD005	Maintenance and Repair Van - 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	Skid Steerer - 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	Street Sweeper - 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 Storm Water Permit water quality requirements		\$ -	\$ -	\$ 210,000			\$ 210,000
CM-18-014 2018CMD014	CM Operations Software - An improvement to our current work order system. This software is designed to aggregate information on an individual job level and provide a search engine that will make finding job type, workers, address, and complaint type easy to find.	\$ 50,000						\$ 50,000
CM-18-015 2018CMD015	Manhole Replacement Equipment - An attachment for equipment Kent already owns. This system allows the replacement of the road surface immediately surrounding a manhole, allowing for an easier installation and a level surface area on a roadway.	\$ 30,000						\$ 30,000
CM-18-12 2018CMD012	Water Leak Correlator - 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.	\$ -						\$ -
CM-20-004 2020CMD004	One Ton Dump Truck - (Replace 1 in 2020 CM-20-004, and 1 in 2022 CM-22-005). Versatile truck that is used for many different work types. Assists in the larger trucks in snowplowing, hauling smaller material loads, and providing a truck that can fit in smaller areas. As these trucks age they get removed from snowplow duty and are used for brush collection and hauling material, and for filling pot holes. 2020 will be replacing a 1994 model truck and 2022 is estimated replacement for 2004 model truck.				\$ 50,000		\$ 70,000	\$ 120,000
CM-20-003 2020CMD003	Salt Storage - 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.				\$ 110,000	\$ -		\$ 110,000
CM-21-03 2021CMD003	Fork Lift - 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	Leaf Collector Truck, Chassis Only - 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. (Replace 1 Chassis Only in 2021 CM-21-004, and 1 in 2022, CM-22-003). 2022 is a complete Leaf vacuum truck. Automated system for leaf collection program. Replacing one of two 1988 model trucks used for leaf collection.							\$ 250,000
CM-21-11 2021CMD011	Stencil Machine - 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	Carpenry Shop Enclosure - 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

**2017 CAP PLAN UPDATE
2017 - 2022 Project Descriptions**

Proj.#	Description	2017	2018	2019	2020	2021	2022	6-Year Total 2017 - 2022
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
CM-19-04 2019CMD004	Vehicle GPS Units - 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	Brush Chipper - This purchase will replace one the existing three brush chippers.					\$ 80,000		\$ 80,000
CM-21-09 2021CMD009	Paver - 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
CM-22-007 2022CMD007	Roadside Mower - Large mower to cut grass on all types of road right of ways, easements, and city owned property. Replacing a 1987 model tractor.						\$ 60,000	\$ 60,000
CM-22-008 2022CMD008	Storage Facility - This project includes the replacement of a non-heated, wood frame storage building at the Central Maintenance Yard off of Cherry Street. The facilities walls are displaying rot near the foundations and a long term solution is needed.					\$ 100,000		\$ 100,000
CM-22-009 2022CMD009	Water Tank System - Tank for transporting water to construction site and for watering plant material. Replacing a 1995 model truck.					\$ 50,000		\$ 50,000
	Central Maintenance Equipment	\$ 652,000	\$ 414,000	\$ 884,000	\$ 700,000	\$ 810,000	\$ 598,000	\$ 4,058,000
DS-10-01	Various Purpose Refunding Notes General Obligation Bonds							
DS-10-02	Issue II Loan - Fairchild -	\$ 432,137	\$ 215,327	n/a	n/a	n/a	n/a	\$ 647,464
DS-10-03	Issue II Loan - Elm/Mae/Morris -	\$ 25,647	\$ 25,647	\$ 12,824	n/a	n/a	n/a	\$ 64,118
DS-10-04	Note Outstanding Fire Station -	\$ 4,300	\$ 4,300	\$ 4,300	\$ 4,300	n/a	n/a	\$ 17,200
DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 1,047,805	\$ 779,283	\$ 529,383	\$ 262,650	n/a	n/a	\$ 2,619,121
DS-19-01	Note Outstanding - Paint 2 Water Tanks -	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801	\$ 178,806
		n/a	n/a	n/a	\$ 130,000	\$ 130,000	\$ 130,000	\$ 390,000
	Debt Service	\$ 1,539,690	\$ 1,054,358	\$ 576,308	\$ 426,751	\$ 159,801	\$ 159,801	\$ 3,916,709
								\$ -
								\$ -
ED-17-03 2017ENG003	Inspection Vehicle - 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
	Engineering Division	\$ 36,000	\$ 36,000	\$ -	\$ -	\$ 40,000	\$ -	\$ 112,000
FD-XX-01 20XXKFD001	Fire Department Miscellaneous Equipment - Funds are used each year to provide for smaller capital needs of the Kent Fire Department as they arise.	\$ 35,000	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 225,000
FD-XX-02 20XXKFD002	Fire Vehicle Replacement Fund - This is an annual dedicated addition to this fund and is based on the current best available estimates of time and projected replacement costs. These annual additions to the reserve fund for major fire vehicle replacements are intended to be a conservative estimate based on average optimal life of the current equipment.	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 2,100,000
FD-15-03 2015KFD003	Sta. #2, Interior Floor Drain Replacement - 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. Pieces of steel were added to the drain grate to keep them from falling into the drains. This repair was intended to be 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 drain problems. Project deferred to at least 2022 or beyond due to funding.	\$ -						\$ -
FD-15-08 2015KFD008	Rescue 1816 Replacement - 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 the present. That is the extent of the likelihood of it's continued use. Project was deferred to 2018 from 2017 based on condition of the vehicle. Added \$40K for tools on unit (Jaws of Life, etc.)	\$ -	\$ 690,000					\$ 690,000
FD-16-05 2016KFD005	West Side Fire Station Parking Lot - drainage and pavement repair. Project deferred to 2020 due to funding.	\$ -			\$ 50,000			\$ 50,000
FD-16-06 2016KFD006	West Side Fire Station Roof - 2016 funding was Re-Appropriated in 2017 to rebuild roof structure to pitched roof and replace roofing to correct chronic problems and leaks. Project not expected to be completed until 2018.	\$ 150,000						\$ 150,000
FD-16-07 2016KFD007	West Side Fire Station Expansion/Renovation - 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. Project not expected to be completed until 2018.	\$ 100,000						\$ 100,000
FD-17-05 2017KFD005	Fire Inspection Vehicle Replacement -	\$ 37,500						\$ 37,500
FD-18-04 2018KFD004	Station II Generator - Initialiation of a Generator at Station II will provide the station the ability to remain operational when commercial power is lost. This project is being reduced to \$15,000 from original \$75,000 request due to re-using the old Police Dept Generator. \$15K is estimated cost to transport unit from old Police facility and hookup to Station II.		\$ 15,000					\$ 15,000
FD-18-06 2018KFD006	Replace Confined Space Vehicle - KFD has removed (saved) this \$150,000 request after deciding to repurpose its old Med Unit and keep the existing confined space truck for the present.	\$ -						\$ -
FD-19-03 2019KFD003	Replace Med Unit 1812 (was Refurbish 2008 Chevy Med Unit) - Project advanced from 2019 plan and determined full replacement was needed.	\$ 260,000						\$ 260,000
FD-19-05 2019KFD005	Replace Air Packs - Replace air packs in 2021 for all firefighting personnel. Will Apply for FEMA Grant, anticipate 90% Grant reimbursement.					\$ 265,000		\$ 265,000
FD-21-03 2021KFD003	Tower 1819 Replacement - This vehicle is a 1994 Pierce Ladder Tower. Will seek partial funding from KSU. Defers project from 2021 to 2022.						\$ 1,150,000	\$ 1,150,000
FD-21-04 2021KFD004	Replace Turnout Gear - Replace all firefighting turnout gear for personnel over 3 years. Will replace 12 sets each year for total of 36 sets. Will apply for FEMA Grant		\$ 32,000		\$ 32,000			\$ 96,000
FD-19-06 2019KFD006	Replace Fire Prevention Pick-Up 1866 - This SUV vehicle is a 2009 model. Defers replacement to 2023							\$ -
FD-19-0X 2019KFD00X	Hydraulic Extrication Tools for New Heavy Rescue Truck "Jaws of Life" - Replace 20 year old tools in 2019 for \$95,000			\$ 95,000				\$ 95,000
FD-18-0X 2018KFD00X	Replace or Refurbish 2012 Lifeline Med unit in 2022 - Replace or refurbish 10 year old Med Unit in 2022.					\$ 200,000		\$ 200,000
FD-22-0X 2022KFD00X	Replace Non-functioning Truck room exhaust system in 2018 - Need to replace non-functioning exhaust system to reduce toxic exposure in FD Truck room. Will seek FEMA Grant.		\$ 35,000					\$ 35,000
	Fire Department Equipment	\$ 932,500	\$ 1,125,000	\$ 512,000	\$ 472,000	\$ 687,000	\$ 1,740,000	\$ 5,468,500
HD-17-01 2017KHD001	Pickup Truck - 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
	Health Department	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000

**2017 CAP PLAN UPDATE
2017 - 2022 Project Descriptions**

Proj.#	Description	2017	2018	2019	2020	2021	2022	6-Year Total 2017 - 2022
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
PD-11-05 2011KPD005	Existing PD Building Minimum Repairs - This project will provide minimum repairs to the existing Police Department Facility	\$ 25,000						\$
PD-13-03 2013KPD003	Police Emergency Siren Replacement - The emergency siren replacement is projected for the sites at Stonewater and Mogadore Rd. (2017)	\$ 50,000						\$ 50,000
PD-14-04 2014KPD004	Acquisition and Training of K-9 Team - 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. Project moved to 2018 to align with deferred retirement plans. Also 2021KPD004	\$ -	\$ 15,000			\$ 15,000		\$ 30,000
PD-XX-06 20XXKPD006	Tasers/Laser Assurance Program - In 2019 half of the inventory will be at the end of 5 yr contract and receive free replacement of 17 tasers with the option of renewing the 5 year Assurance Plan. In 2020 the other half of inventory (16) will be replaced for free with the same option of renewing the Assurance Plan. This will keep our annual cost under \$7400 until those renewals are expired, or renewed in 2024 and 2025.	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 44,400
PD-XX-01 20XXKPD001	Police Department Miscellaneous Equipment - Funds are used each year to provide for smaller capital needs of the Kent Police Department as they arise.	\$ 35,000	\$ 37,500	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 230,000
PD-17-02 2017KPD002	Police Unmarked Vehicle Replacement - The Police unmarked vehicle replacements are estimated during future years but will only be replaced as needed.	\$ 35,000	\$ -	\$ -				\$ 35,000
PD-16-04 2016KPD004	Video Security Systems 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. Project needs scope definition.	\$ -	\$ -	\$ 45,000				\$ 45,000
PD-21-07 2021KPD007	Police Ballistic Vests - Replacement of the Police Department's personnel's ballistic vests is consistent with the Collective Bargaining Agreement 5-year replacement policy.	\$ -	\$ -	\$ -		\$ 35,000		\$ 35,000
PD-17-03 2017KPD003	Cruiser Video Recorders - 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. The 3 cameras needed are tied to the SRO cruiser and 2 K-9 cruisers that are pushed to 2019. This project is needed in 2019.	\$ -	\$ -	\$ 45,000				\$ 45,000
PD-18-08 2018KPD008	Parking System Tablets (2) - The City is in the process of determining the best available replacement Parking Ticket System for the dollar investment it can afford. In the meanwhile two tablets need to be used that will interface with the existing solution and which will hopefully be compatible with any new system selected.	\$ -	\$ 5,000					\$ 5,000
PD-18-03 2018KPD003	Range Shed Upgrade - Need to install and grade gravel and upgrade electrical service at current storage and training building at the range.	\$ 10,000						\$ 10,000
PD-18-04 2018KPD004	Police Cruiser Replacement for Canine Units (2) - Need to replace police cruisers used by the canine units.	\$ -	\$ -	\$ 80,000				\$ 80,000
PD-18-05 2018KPD005	Police Cruiser Replacement for SRO - Need to replace police cruiser used by the School Resource Officer.	\$ -	\$ 40,000					\$ 40,000
PD-19-03 2019KPD003	Radar Units (9) - Last purchased in 2012 and will require replacement as they are subject to exterior weather conditions.		\$ 12,000					\$ 12,000
PD-19-04 2019KPD004	Officer Sidearms - 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	Police Cruisers - (Qty. 9, Total Shown) - The year 2019 will complete four years with the current fleet of nine vehicles.		\$ 320,000					\$ 320,000
PD-20-02 2020KPD002	Mobile Data Terminals (9) 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	Fingerprint Machine This request is intended to provide for the replacement of one fingerprint machine with digital scanning capability.		\$ 12,000					\$ 12,000
SA-11-01 2011KSD001	SAC Roof Replacement - The Service Complex roof is identified as needing replaced because it is reaching it's design life.	\$ 152,400	\$ 74,900	\$ 601,900	\$ 129,400	\$ 97,400	\$ 47,400	\$ 1,103,400
SA-XX-04 20XXKSD004	Misc. Roadway Lighting Equipment - 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.	\$ 25,000	\$ 25,000	\$ 30,000	\$ 30,000	\$ 30,000		\$ 140,000
SA-21-02 2021KSD002	Standing Rock Cemetery - Wall Replacement - This project will replace the retaining wall along SR 43 at Standing Rock Cemetery.	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000
SS-17-01 2017KSS001	Safety & Service Depts. Phone & Network Study - 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. Also includes SS-18-01 / 2018KSS001	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 140,000	\$ 10,000	\$ 300,000
SS-11-02 2011KSS002	Citywide Phone Network Planning and Implementation - 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 opens for operations. The new phone systems will take advantage of newer VoIP technology.	\$ 80,000	\$ 34,000	\$ -	\$ -	\$ -		\$ 114,000
SS-11-02 2011KSS002	Safety & Service, Communications and IT	\$ 150,000						\$ 150,000
VM-10-01 2010KVM001	Fueling Station Replacement/Relocation - 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.	\$ 230,000	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ 264,000
VM-15-01 2015KVM001	Vehicle Maintenance Part Storage Improvements - Additional parts storage and public restroom.	\$ 56,568						\$ 56,568
VM-15-02 2015KVM002	Vehicle Maintenance Large Truck Lift - 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	Vehicle Maintenance Specialties Maintenance Improvements - Additional maintenance area provided for specialties maintenance such as welding and painting.		\$ 200,000					\$ 200,000
VM-20-01 2020KVM001	Pickup Truck - 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
VM-21-05 2021KVM005	Service Truck - This vehicle is used by vehicle maintenance to repair broken down vehicles that have broken down and need to be repaired in the field. The existing vehicle to be replaced was purchased in 1998.					\$ 75,000		\$ 75,000
	Vehicle Maintenance	\$ 136,568	\$ 200,000	\$ 200,000	\$ 30,000	\$ 75,000	\$ -	\$ 641,568

**2017 CAP PLAN UPDATE
2017 - 2022 Project Descriptions**

Proj.#	Description	2017	2018	2019	2020	2021	2022	6-Year Total 2017 - 2022
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
WR-11-07 2011WRF007	Rebuild Sec. Clarifier Scum Box/Baffles - 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	Digester Heat Exchangers - The two existing heat exchangers are circa 1965 and in need of replacement.	\$ 514,100	\$ -					\$ 514,100
WR-14-04 2014WRF004	Motor Control Center Replacement Project - 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.	\$ -	\$ 175,000	\$ 190,000	\$ 155,000	\$ 120,000		\$ 640,000
WR-XX-03 20XXWRF003	Concrete Repair Project - 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	WRF, Misc. Plant Equipment - In YEAR WRF-17-01, WRF-18-01, WRF-19-01, WRF-20-01, WRF-21-01 & WRF-22-01 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-16-02 2016WRF002	Electric Generator Study - 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.	\$ 20,400						\$ 20,400
WR-16-03 2016WRF003	Electrical Replacement Program Phase I - 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	WRF Generator - 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	WRF Diffuser Replacement - 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	SCADA Updates - 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. Includes project 2018WRF010.	\$ 15,000	\$ -	\$ 20,000				\$ 35,000
WR-17-06 2017WRF006	Final Clarifiers Weir Covers - The present day weir covers have been in place for the last 15 yrs. (est.) and are deteriorating to the point they are ineffective and maintaining them is only a stop gap measure. These weir covers keep algae from growing causing problems in the treatment process.	\$ 25,000	\$ 25,000	\$ 50,000	\$ -			\$ 100,000
WR-17-07 2017WRF007	D.A.F. Roof Repairs/Replacement - 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	Lab Exhaust Hood - 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-XX-02 20XXWRF002	Waterfall/Dam Upkeep - 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	Lime Sludge Truck - 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	Post-Aeration Piping - There are several underground leaks in this air line. It will need to be excavated and repaired or replaced. This scope for this project is being evaluated and the project has been removed from the CIP.	\$ -	\$ -					\$ -
WR-18-07 2018WRF007	Single Stack Dishwasher for Lab - This new dishwasher is to replace current unit that is at the end of it's safe and useful life. This unit is to be used for washing laboratory glassware and utensils and is being recommended to provide for a more efficient and safer work environment in the laboratory.	\$ 12,000						\$ 12,000
WR-18-08 2018WRF008	Dissolved Oxygen Probes - The current probes have been in use since 2013 and have reached the end of their useful life, becoming unreliable. They are used in the aeration process to control dissolved oxygen levels in the different zones, working in tangent with the turbo blower they are vital to "bug" health and efficient operation of the aeration system.	\$ 9,800						\$ 9,800
WR-20-05 2020WRF005	Electrical Replacement - Request for this is due to increasing need to replace switches, fixtures, heaters and other components when found in need of replacement.	\$ -			\$ 15,000			\$ 15,000
WR-18-11 2018WRF011	Sandblast and Coat Final Clarifier - In YEAR WRF-18-11, WRF-19-04, WRF-20-01 The age and material of the clarifiers along with the environment they operate in dictates that in order to preserve valuable equipment they be sand blasted and coated with a protective paint. Doing this now should allow us to plan into the future when this units should be replaced.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000			\$ 150,000
WR-18-12 2018WRF012	Radios for Lift Stations - The radios presently in the lift stations are reaching the end of useful life and are starting to fail. We have one or two spares that have been scavenged from other uses, these are also older and hold no real confidence if put in operation. We tried buying a limited number of new radio to replace the key ones (main plant radio and the repeater) but as the old ones are obsolete the new ones would not work with them, leaving us with having to replace all radios or risk losing communications with the stations.	\$ 39,000						\$ 39,000
WR-18-06 2018WRF006	Aeration Tank Ammonia Probe System - 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
WR-22-03 2022WRF003	Turbo Ten Year Replacement Parts - The blower was put into service in 2012 and had a scheduled maintenance performed in 2017. The future maintenance will most likely call for motor, air bearing and capacitor repair or replacement, this will also entail the labor cost associated with it.						\$ 25,000	\$ 25,000
	Water Reclamation Facility Capital Expenses	\$ 1,000,500	\$ 360,800	\$ 395,000	\$ 285,000	\$ 185,000	\$ 335,000	\$ 2,561,300

City of Kent, Ohio 2017 Capital Plan - Analysis of Sewer Fund

2017 - 2022 BUDGET / 2017 is current year's budget as of 9/29/17, 2018 is TAX Budget - As Adjusted 2018-2022 Assume Sewer Revenue increase 3% - 2018-2022 / Operating Expenses +3% in 2017-2019 2.5% in other years compounded annually Current Debt Service is Known, Capital Outlay is from 2017 Capital Plan Update dtd 10/23/17											
Sewer Fund - F#202	2012 - 2016 ACTUAL (Cash Basis of Accounting)										
Description	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Actual 2016	Budget 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Beginning Balance	\$1,872,240	\$2,427,529	\$2,109,421	\$2,254,188	\$2,480,681	\$2,906,565	\$1,518,348	\$772,659	(\$252,283)	(\$451,869)	(\$458,427)
Operating Revenues											
Sewer fees	\$3,711,038	\$3,951,981	\$3,783,836	\$4,067,729	\$4,119,816	\$4,004,461.15	\$4,124,595	\$4,248,333	\$4,375,783	\$4,507,056	\$4,642,268
Tap-in fees	\$30,478	\$36,141	\$13,998	\$183,108	\$15,329	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Assessments	\$32,251	\$37,762	\$31,182	\$39,965	\$31,385	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000
Other - Plumbing and Waste Water Permits, Misc.	\$15,808	\$42,006	\$73,664	\$26,230	\$41,064	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Interest	\$12,105	\$9,963	\$18,801	\$11,577	\$29	\$25	\$25	\$25	\$25	\$25	\$25
Total Operating Revenue	\$3,801,680.00	\$4,077,853.00	\$3,921,481.00	\$4,328,609.00	\$4,207,623.00	\$4,076,486.15	\$4,196,619.99	\$4,320,357.84	\$4,447,807.82	\$4,579,081.31	\$4,714,293.00
Operating Expenses											
Lab	\$321,071	\$264,896	\$266,524	\$501	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Utility Distribution	\$608,802	\$629,056	\$625,369	\$613,545	\$719,314	\$740,893	\$763,120	\$786,014	\$805,664	\$825,806	\$846,451
Plant	\$1,243,769	\$1,392,023	\$1,495,079	\$1,682,597	\$1,799,915	\$1,853,912	\$1,909,530	\$1,966,816	\$2,015,986	\$2,066,386	\$2,118,045
Administrative Support	\$433,418	\$450,958	\$453,587	\$615,172	\$591,449	\$609,192	\$627,468	\$646,292	\$662,450	\$679,011	\$695,986
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	\$41,088	\$42,115	\$40,756	\$40,756	\$41,418	\$42,453	\$43,515	\$44,603	\$45,718	\$46,861	\$48,032
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	\$65,000
Total Operating Expense	\$2,648,148	\$2,844,048	\$2,946,315	\$3,017,571	\$3,217,096	\$3,361,452	\$3,458,633	\$3,558,724	\$3,644,818	\$3,733,063	\$3,823,515
Operating Revenue less Expense	\$1,153,532	\$1,233,805	\$975,166	\$1,311,038	\$990,527	\$715,034	\$737,987	\$761,633	\$802,990	\$846,018	\$890,778
Debt Service											
Debt Issuance Expense	\$0	\$3,299	\$2,237	\$2,742	\$2,629	\$3,030	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Bond Anticipation Notes (Principal & Interest)	\$742,330	\$681,731	\$621,150	\$560,534	\$500,569	\$441,525	\$386,250	\$324,450	\$324,450	\$324,450	\$324,450
OWDA/Issue II Loans-Sanitary Swr Imp. (Prin & Int)	\$310,226	\$310,227	\$310,227	\$310,227	\$288,174	\$312,625	\$312,626	\$312,626	\$312,626	\$312,626	\$312,626
OEPA 20 Yr. Loan - SW Sanitary Pump Station	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$122,500	\$122,500	\$122,500	\$122,500
Total Debt Service Expense	\$1,052,556	\$995,257	\$933,614	\$873,503	\$791,372	\$757,180	\$701,876	\$762,576	\$762,576	\$762,576	\$762,576
less Debt Refunding-Sale of Notes (w/Premium)	\$676,943	\$615,000	\$558,602	\$498,016	\$438,010	\$375,000	\$315,000	\$255,000	\$255,000	\$255,000	\$255,000
Net Debt Service Expense	\$375,613	\$380,257	\$375,012	\$375,487	\$353,362	\$382,180	\$386,876	\$507,576	\$507,576	\$507,576	\$507,576
NET OPERATING - AFTER DEBT SERVICE	\$777,919	\$853,548	\$600,154	\$935,551	\$637,165	\$332,854	\$351,111	\$254,057	\$295,414	\$338,442	\$383,202
Other Funding Sources (Non-operating)											
Capital Grants/Loans/Other Intergovernmental Rev.	\$229,879	\$30,202	\$0	\$16,448	\$76,087	\$174,149	\$2,000,000	\$0	\$0	\$0	\$0
Recovery of Prior Year Encumbrances	\$0	\$178,104	\$1,136,359	\$270,268	\$0	\$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
Total Other Funding Sources	\$229,879	\$208,306	\$1,136,359	\$286,716	\$76,087	\$174,149	\$2,000,000	\$0	\$0	\$0	\$0
Subtotal - Available for Capital	\$1,007,798	\$1,061,854	\$1,736,513	\$1,222,267	\$713,252	\$507,003	\$2,351,111	\$254,057	\$295,414	\$338,442	\$383,202
Capital Outlay											
Lab	\$0	\$16,952	\$19,088	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Utility Distribution	\$35,993	\$17,225	\$17,500	\$30,131	\$16,198	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Plant	\$215,650	\$160,301	\$1,060,241	\$223,057	\$213,874	\$1,075,333	\$1,075,333	\$1,075,333	\$1,075,333	\$1,075,333	\$1,075,333
Capital Facilities/Infrastructure	\$159,281	\$5,000	\$226,712	\$37,385	\$166,058	\$789,887	\$789,887	\$789,887	\$789,887	\$789,887	\$789,887
From CAP Year Report(s) for 2018 - 2022							\$3,096,800	\$1,279,000	\$495,000	\$345,000	\$446,500
Total Capital Outlay	\$410,924	\$199,478	\$1,323,541	\$290,573	\$396,130	\$1,895,220	\$3,096,800	\$1,279,000	\$495,000	\$345,000	\$446,500
Ending Cash Balance	\$2,469,114	\$3,289,905	\$2,522,393	\$3,185,882	\$3,503,004	\$1,518,348	\$772,659	(\$252,283)	(\$451,869)	(\$458,427)	(\$521,725)
Encumbrances	\$41,585	\$1,180,484	\$268,205	\$705,201	\$596,439						
Ending Unencumbered Balance	\$2,427,529	\$2,109,421	\$2,254,188	\$2,480,681	\$2,906,565	\$1,518,348	\$772,659	(\$252,283)	(\$451,869)	(\$458,427)	(\$521,725)
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	57.77%	65.42%	67.87%	73.11%	81.41%	40.56%	20.09%	-6.20%	-10.88%	-10.81%	-12.05%

CITY OF KENT, OHIO 2017 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 2012 through 2016 and Budgeted for Fiscal Years 2017 through 2022

Major Governmental Funds

Descriptor	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Actual 2016	Budget 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022
Beginning Combined Funds Balance	8,767,380	8,294,697	10,236,205	11,027,636	11,473,366	12,275,824	9,471,947	8,445,509	6,284,487	4,504,633	1,959,228
Operating Revenues											
Property and other taxes	1,817,408	1,797,028	1,967,170	2,011,593	2,198,302	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
* Income Taxes	12,067,197	12,364,063	14,732,950	16,406,396	15,898,251	16,200,000	16,400,000	16,600,000	16,800,000	17,000,000	17,200,000
JEDD Taxes	367,878	619,681	559,744	512,375	549,301	550,000	550,000	550,000	550,000	550,000	550,000
Fees, licenses and permits	228,663	191,853	151,876	267,194	146,020	150,000	150,000	150,000	150,000	150,000	150,000
Intergovernmental	1,998,135	1,714,896	1,692,579	1,696,593	1,816,956	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000
Estate Taxes	670,341	172,165	1,020	104,600	-	-	-	-	-	-	-
Grants (Non-capital)	30,411	31,969	66,563	109,525	87,838	65,000	65,000	65,000	65,000	65,000	65,000
Charges for services	1,443,888	1,699,269	1,367,068	1,533,692	1,652,764	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
Fines and forfeits	198,215	205,343	195,893	261,055	279,696	200,000	200,000	200,000	200,000	200,000	200,000
Special assessments	152,297	130,704	115,235	83,114	80,492	80,000	80,000	80,000	80,000	80,000	80,000
Proceeds from sale of assets	15,346	15,396	23,104	2,406,860	15,087	3,000	3,000	3,000	3,000	3,000	3,000
Interest	157,115	127,397	188,207	307,867	367,729	360,000	360,000	360,000	360,000	360,000	360,000
Managed Reserve Contribution (from interest)	(29,860)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)
Miscellaneous	61,179	464,038	280,355	432,318	248,686	100,000	100,000	100,000	100,000	100,000	100,000
Advance/Transfer to other funds (net)	(1,280,762)	(176,947)	(1,514,948)	(1,459,371)	(2,172,352)	(1,601,615)	(1,623,837)	(1,646,059)	(1,668,281)	(1,668,281)	(1,668,281)
Total Revenues	17,897,451	19,331,315	19,801,276	24,648,271	21,143,230	21,180,845	21,358,623	21,536,401	21,714,179	21,914,179	22,114,179
Operating Expenses											
Security of persons and property	10,016,126	10,143,720	10,307,463	10,792,723	10,703,603	11,024,711	11,355,452	11,696,116	11,988,519	12,288,232	12,595,438
Public health and welfare	456,997	482,056	325,515	399,240	470,150	484,255	498,782	513,746	526,589	539,754	553,248
Community development	1,219,550	1,564,462	1,389,790	1,307,711	1,632,815	1,681,799	1,732,253	1,784,221	1,828,827	1,874,547	1,921,411
Transportation	1,456,328	1,542,365	2,087,405	1,709,003	2,422,660	2,495,340	2,570,200	2,647,306	2,713,489	2,781,326	2,850,859
General government	2,529,826	2,918,970	3,166,729	3,520,138	3,266,439	3,364,432	3,465,365	3,569,326	3,658,559	3,750,023	3,843,774
Total Expenses	15,678,827	16,651,573	17,276,902	17,728,815	18,495,667	19,050,537	19,622,053	20,210,715	20,715,983	21,233,882	21,764,729
Operating Revenues less Expenses	2,218,624	2,679,742	2,524,374	6,919,456	2,647,563	2,130,308	1,736,570	1,325,686	998,196	680,297	349,450
*Adjustment for Charter Required Capital	(2,918,484)	(2,998,725)	(3,173,117)	(3,527,560)	(3,430,965)	(3,350,000)	(3,350,000)	(3,400,000)	(3,450,000)	(3,500,000)	(3,550,000)
Other Funding Sources/Uses											
Proceeds from sale of notes/bonds	2,221,385	1,957,481	1,728,434	1,272,914	1,016,989	970,000	510,000	255,000	-	-	-
Debt service and issuance costs	(2,514,046)	(2,248,183)	(1,971,626)	(1,698,710)	(1,305,112)	(1,539,690)	(1,054,358)	(576,308)	(296,751)	(29,801)	(29,801)
OPWC Debt Svc-S.Chestnut/Middlebury	-	-	-	-	-	-	-	(15,000)	(15,000)	(15,000)	(15,000)
Capital grants	2,839,756	2,972,613	926,221	446,177	4,150,216	1,500,382	4,115,000	325,000	-	238,500	1,350,000
Net - Other Funding Sources/Uses	2,547,095	2,681,911	683,029	20,381	3,862,093	930,692	3,570,642	(11,308)	(311,751)	193,699	1,305,199
Available for Capital Outlay	4,765,719	5,361,653	3,207,403	6,939,837	6,509,656	3,061,000	5,307,212	1,314,378	686,445	873,996	1,654,649
Capital Outlay	5,512,678	4,918,140	2,663,258	2,767,272	5,707,198	5,864,877	6,333,650	3,475,400	2,466,300	3,419,400	3,552,400
Revenues/Sources minus Expenditures/Uses	(746,959)	443,513	544,145	4,172,565	802,458	(2,803,877)	(1,026,438)	(2,161,022)	(1,779,855)	(2,545,404)	(1,897,751)
Recovery of prior year encumbrances	274,276	1,497,995	247,286	(1,336,835)	-	-	-	-	-	-	-
Reserve for Sale of City Offices	-	-	-	(2,390,000)	-	-	-	-	-	-	-
Combined Funds Balance - January 1	8,767,380	8,294,697	10,236,205	11,027,636	11,473,366	12,275,824	9,471,947	8,445,509	6,284,487	4,504,633	1,959,228
Combined Funds Balance - December 31	8,294,697	10,236,205	11,027,636	11,473,366	12,275,824	9,471,947	8,445,509	6,284,487	4,504,633	1,959,228	61,477
Change in Combined Funds Balance	(472,683)	1,941,508	791,431	445,730	802,458	(2,803,877)	(1,026,438)	(2,161,022)	(1,779,855)	(2,545,404)	(1,897,751)
Managed Reserve Balance	2,251,268	2,276,808	2,302,348	2,327,888	2,353,428	2,378,968	2,404,508	2,430,048	2,455,588	2,481,128	2,506,668
Fund Balance Policy Ratio (min. 17%)		49.33%	48.16%	49.56%	48.03%	37.53%	27.83%	24.34%	15.26%	-2.14%	-11.01%

Utility Rate Stabilization Plans: 2016 Plans Update

October 10, 2016

Council approved the multi-year rate stabilization plans for the water and sewer funds in 2011. The approved rate plans included 4 years of 9% rate increases to “catch-up” with deferred maintenance and capital costs, followed by 3% rate increases in the out years of the plan to keep pace with inflation.

From the outset, the staff committed to pursuing grants, cost savings opportunities, and to make plan modifications in order to provide rate relief whenever possible while still honoring the intent of the plans to ensure the necessary re-investment in the City’s water and sewer infrastructure.

In the first 2 years of rate “catch up” the rates approved by Council matched the rate plans. However, in the subsequent following 2 years, the rates were less than half of what was originally projected in the plans. As a result, the staff is proposing to begin to make up a portion of the lost rates in 2017 and 2018 for the water fund only; the sewer fund is projected to be sustainable at the planned rate of 3%.

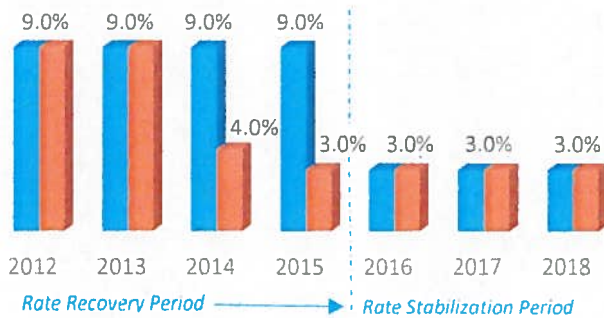
Rate Plan vs. Actual Rates Comparison Chart

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Sewer Plan	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%
<u>Sewer Actual</u>	<u>9.0%</u>	<u>9.0%</u>	<u>4.0%</u>	<u>3.0%</u>	<u>3.0%</u>	<u>3.0%</u>	<u>3.0%</u>
Difference	0.0%	0.0%	5.0%	6.0%	0.0%	0.0%	0.0%
Water Plan	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%
<u>Water Actual</u>	<u>9.0%</u>	<u>9.0%</u>	<u>4.0%</u>	<u>3.0%</u>	<u>3.0%</u>	<u>8.0%</u>	<u>9.0%</u>
Difference	0.0%	0.0%	5.0%	6.0%	0.0%	-5.0%	-6.0%

Sewer Rate Increases, Planned vs. Actual

(proposed for 2017, 2018)

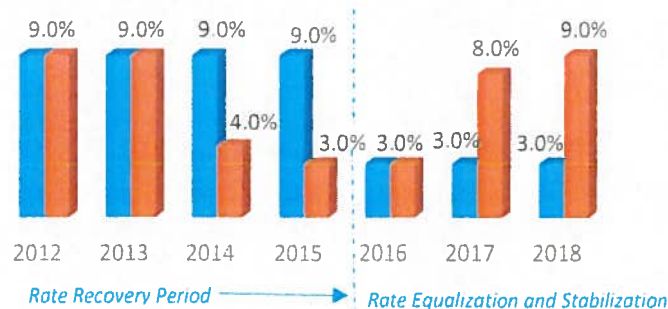
■ Sewer Plan ■ Sewer Actual



Water Rate Increases, Planned vs. Actual

(proposed for 2017, 2018)

■ Water Plan ■ Water Actual



Average Customer Monthly Water and Sewer Bills

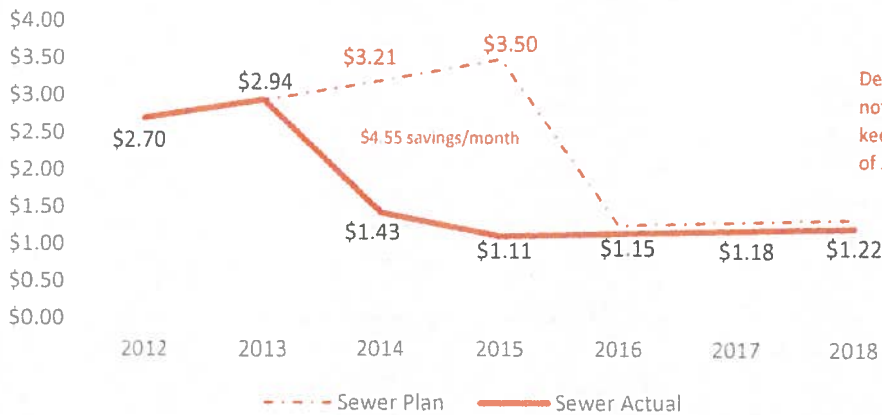
(based on a calculated average of a \$20 water bill and \$30 sewer bill/month)

Average Customer \$ Impact/Month	2012	2013	2014	2015	2016	2017	2018	Total
Sewer Plan	\$2.70	\$ 2.94	\$ 3.21	\$ 3.50	\$ 1.27	\$ 1.31	\$ 1.35	\$16.27
<u>Sewer Actual</u>	<u>\$2.70</u>	<u>\$ 2.94</u>	<u>\$ 1.43</u>	<u>\$ 1.11</u>	<u>\$ 1.15</u>	<u>\$ 1.18</u>	<u>\$ 1.22</u>	<u>\$11.72</u>
Difference	\$0.00	\$0.00	\$1.78	\$2.38	\$0.13	\$0.13	\$0.13	\$4.55
Water Plan	\$1.80	\$ 1.96	\$ 2.14	\$ 2.33	\$ 0.85	\$ 0.87	\$ 0.90	\$10.85
<u>Water Actual</u>	<u>\$1.80</u>	<u>\$ 1.96</u>	<u>\$ 0.95</u>	<u>\$ 0.74</u>	<u>\$ 0.76</u>	<u>\$ 2.10</u>	<u>\$ 2.55</u>	<u>\$10.86</u>
Difference	\$0.00	\$0.00	\$1.19	\$1.59	\$0.08	-\$1.23	-\$1.65	-\$0.01

Customer Rate Relief Period

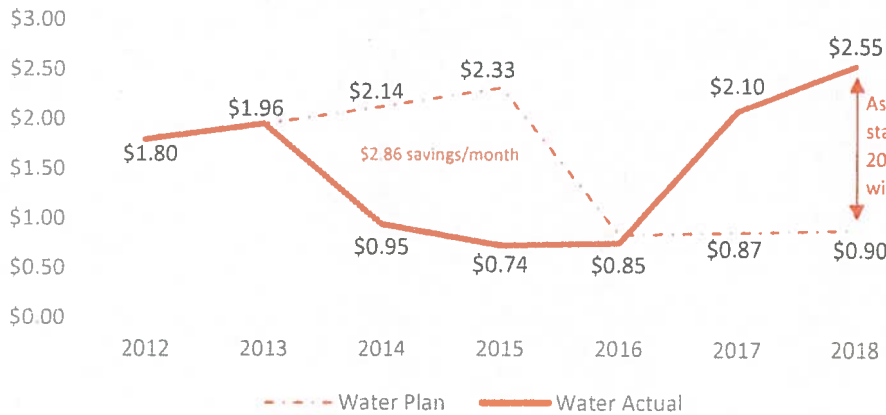
Customer Rate Equalization

Average Customer \$ Impacts Sewer Rate Plan vs. Actual (month)



Despite sewer rate relief in 2014 and 2015, the staff is not proposing any rate equalization at this time -- keeping the sewer rates at the original 2011 Rate Plan of 3% per year to keep pace with inflation.

Average Customer \$ Impacts Water Rate Plan vs. Actual (month)



As a result of water rate relief in 2014 and 2015, the staff is proposing a rate equalization for 2017 at 8% and 2018 at 9%. After the equalization, customer water bills will be back on the approved 2011 schedule.

Even with the rate recovery increases proposed for the water fund of 8% in 2017 and 9% in 2018, the City's utility customers will be paying an average of \$4.50 less per month, or around \$54 less per year, than what they would have been paying based on the original 2011 rate plan.