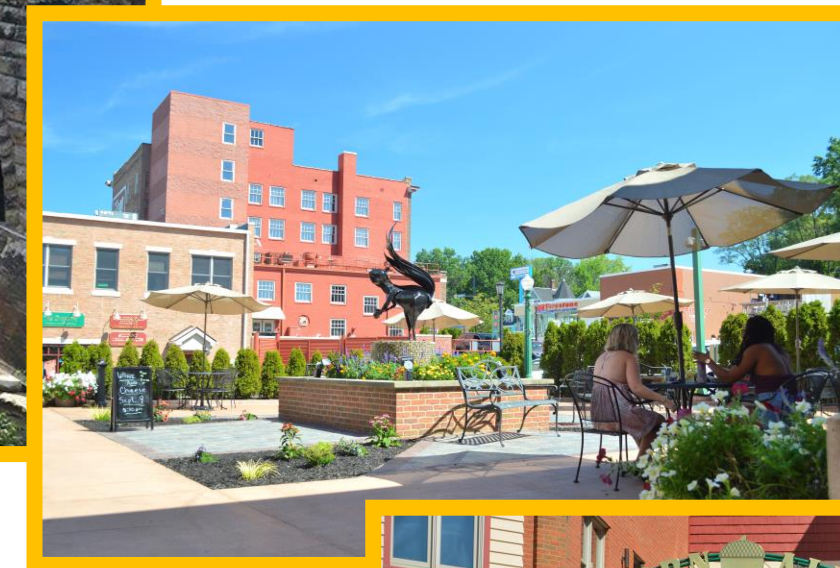


Five Year Capital Improvement Program
2018 Update

CITY OF KENT, OHIO

FIVE YEAR CAPITAL IMPROVEMENT PLAN

Updated October 2018

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

The City's $160 million investment in Kent's infrastructure loses value every day. Time, weather and daily usage take their toll on an aging infrastructure. Kent's infrastructure is on-call 24 hours a day, 7 days a week, 365 days a year – and whether the tolls are paid along the way or at the end of the trip, the meter is always running. The question is how and when the bill gets paid. The Capital Improvement Plan (CIP) seeks to answer that question.

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

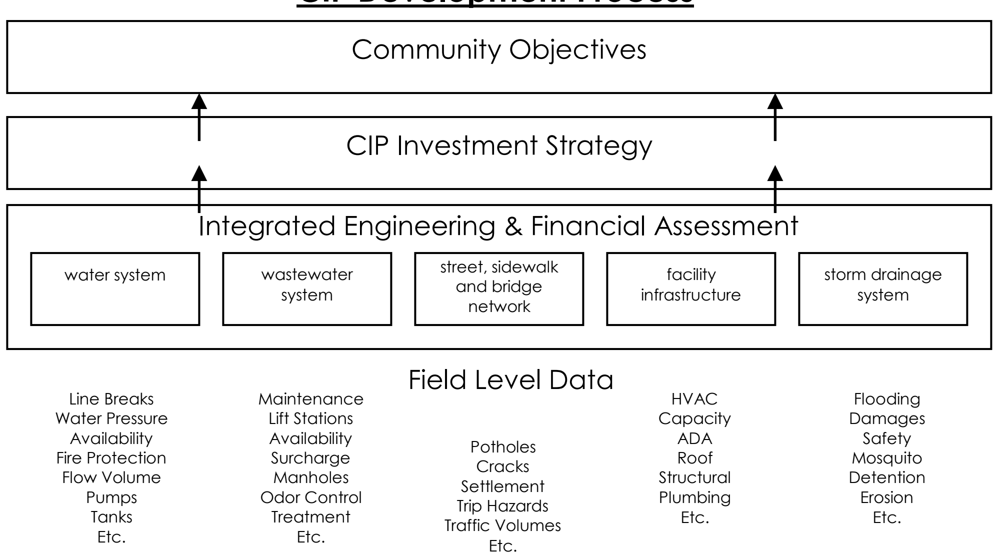
The City's CIP is based on the recognition that infrastructure is not free, re-investment matters, repairs work and planning is critical.

Investment Grade Infrastructure

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

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

CIP Development Process



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 fully meet its capital needs and maintain current levels of municipal services. Strategically, the City must either: 1) defer selected capital improvements and accept the consequences; 2) deplete operating and capital reserves to fund immediate capital needs; 3) increase revenues; or 4) a combination of two or more of the above. These options demonstrate the inter-relationship that exists between revenues, operating expenses and capital needs.

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

Deferred Capital Maintenance

Investment grade infrastructure is what Kent residents and businesses expect and it is what potential investors look for when considering whether the Kent community is investment-worthy. Experience has demonstrated that there are different paths to get to investment grade infrastructure but the deferred maintenance path is a slippery slope that can 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 2019 through 2023 represents the Administration's recommendation for the City's 5-Year Capital Improvement Program.

Proposed 2019 Capital Program Summary

- The proposed 2019 capital program includes 51 funded projects.
- The total proposed capital program costs (including debt costs) for 2019 is $10,354,662.
- $4,771,500 of the $10,354,662 (or 46%) in 2019 is grant or debt funded.
- The approved 2017 Capital Plan for 2018 listed a total City cash contribution at 53% for 2018 and the updated 2018 Plan update for 2018 includes a 50% total City cash contribution.
- The proposed new general government City cash contribution (income tax) for 2019 is $3,601,162 (or 72%).
- The estimated Charter requirement for 2019 is $3,250,000.
- The proposed 2019 general government cash contribution is projected to be $351,162 above the Charter requirement.
- The proposed 2019 debt (debt service, principle, interest) is $568,762 (down from $1.1 million in 2018).
- The City's legal debt limit (10.5% of assessed value) is approximately $39.3 million.
- The undesignated fund balance increased by $802,458 in 2016 to $12.3 million.
- The undesignated fund balance increased by $1,213,572 in 2017 to $13.5 million.
- The undesignated fund balance is projected to decline by $3,397,668 in 2018 to $10.1 million.
- The undesignated fund balance is projected to decline by $2,912,386 in 2019 to $7.2 million.
- The managed reserve fund balance (emergency fund) is projected to be $2.4 million in 2019.
- The amended 2011 Rate Stabilization Plan (water and sewer) included a 3% rate increase for 2019.

2019 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)
  - New City Hall Administration Building

- **Natural Resources …..***"to protect and promote the City's natural resources"*
  - Southwest Sanitary Pump Station
  - Sanitary Sewer Televising
  - Miller/Harvey/Steel Storm and Water Replacement
  - Hudson Road Water Main Replacement
  - Miscellaneous Water and Wastewater Equipment replacement and upgrades

- **Quality of Life …..***"to enhance lifestyle choices through physical and social environment"*
  - Annual Street & Sidewalk Repair Program*
  - Miscellaneous Active Transportation Improvements (Bike, pedestrian, and transit)

- **Community Safety …..***"to be an exceptionally safe city"*
  - Sidewalk Street Tree Damage Repairs
  - Annual Streets & Sidewalk Repair and Replacement*
  - Fire Safety and Prevention Equipment Replacement
  - Remodeling and updates of the West Side Fire Station
  - Police Safety Equipment and Vehicle Replacements (marked cruisers, video recorders, taser program, etc)
  - Lighting at Trail Crossings of Lincoln and Willow
  - East Main Street Area Improvements
  - Mogadore Road Paving
  - SR43 Signalization Continuation/Completion

- **Communities within the City …..***"to strengthen the quality and enhance the value of neighborhoods"*
  - Sidewalk Street Tree Damage Repairs
  - Annual Streets & Sidewalk Repair and Replacement*
  - Miscellaneous Active Transportation Improvements (Bike, pedestrian, and transit)

- **City / University Synergy …..***"expand collaborative opportunities that enrich the community experience"*
  - East Main Street Area Improvements
  - Lighting at Trail Crossings of Lincoln and Willow

- **Governmental Performance …..***"to provide the best services at the lowest cost"*
  - Misc. Water Reclamation Plant and Lab Equipment Replacement
  - Misc. Water Treatment Plant Equipment Replacement
  - Utility Plant SCADA System Upgrades
  - SAC Roof Replacement (carryover)
  - Water Well Field Development Work
  - Central Maintenance Equipment and Vehicle Replacement
  - West Side Fire Station remodeling and upgrades

  **street repair program funds of $1.55 million allocated for 2019*

The Five Year Capital Improvement Program should be viewed as a working 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.

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2018 CIP for Year 2018

Proj. No.	Project Name	2018 Programmed Funding*								2018 Programmed Reimbursements & Sale Notes/Bonds						
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total	Cost City	Notes
2008CIP012	Southwest Sanitary Pump Station				$ -		$ 87,008		$ 87,008					$ -	$ 87,008	**OEPA Loan required to fund project**
2011CIP010	SR 43 Signalization		$ 2,768,216		$ 2,768,216				$ 2,768,216	$ 2,754,804				$ 2,754,804	$ 13,412	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				$ -	$ 18,916		$ -	$ 18,916					$ -	$ 18,916	Project delayed from 2017 to align with OPWC Funding;OPWC Funds ($350k grant; 150k loan)
2015CIP015	ODOT - SR59 & SR43 Paving (PID 101270)		$ -		$ -				$ -					$ -	$ -	Funding required to Match ODOT Urban Paving Funds. ODOT Project moved to 2020.
2018CIP001	Annual Sidewalk/Street Program - Construction		$ 1,560,750		$ 1,560,750			$ 20,000	$ 1,580,750					$ -	$ 1,580,750	$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		$ 15,000		$ 15,000	$ -			$ 15,000					$ -	$ 15,000	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 Replacement		$ 15,500		$ 15,500	$ 26,500		$ 97,919	$ 139,919					$ -	$ 139,919	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		$ 55,400		$ 55,400				$ 55,400					$ -	$ 55,400	
2018CIP010	Sunrise Bridge Replacement		$ 25,000		$ 25,000				$ 25,000					$ -	$ 25,000	
2015CIP012	Valleyview/Morris Water & Storm Improvement				$ -	$ 470,228		$ 553,366	$ 1,023,594		$ 183,300		$ 206,700	$ 390,000	$ 633,594	$390,000 of OPWC Grant and No Interest Loan Funding
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				$ -			$ 75,900	$ 75,900					$ -	$ 75,900	
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				$ -		$ 475,000		$ 475,000					$ -	$ 475,000	
2018CIP018	Middlebury Rd Storm Sewer Emergency Repairs				$ -			$ 27,000	$ 27,000					$ -	$ 27,000	
2015CIP012	River Street Sanitary Sewer Replacement				$ -		$ 8,000		$ 8,000					$ -	$ 8,000	
1992CIP013	Summit Street Traffic Signal Coordination		$ 4,853,426		$ 4,853,426	$ 8,850			$ 4,862,276	$ 4,226,713	$ 4,425			$ 4,231,138	$ 631,138	

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2018 CIP for Year 2018

Proj. No.	Project Name	2018 Programmed Funding*								2018 Programmed Reimbursements & Sale Notes/Bonds					Cost	Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total	City	
2013CIP009	West Main Street - Spaulding Traffic Signal		$ 4,914		$ 4,914				$ 4,914					$ -	$ 4,914	
2015CIP010	Tonkin Court Reconstruction		$ 6,300		$ 6,300	$ 6,200	$ 4,000	$ 4,800	$ 21,300					$ -	$ 21,300	
2012CIP003	Allen Drive Bridge Replacement		$ 15,000		$ 15,000				$ 15,000					$ -	$ 15,000	
2017CIP004	ODOT POR-MCRO FY2018(B) PID 102352		$ 25,000		$ 25,000				$ 25,000					$ -	$ 25,000	
2016CIP008	West Main Street Water Main Repair				$ -	$ 5,000			$ 5,000					$ -	$ 5,000	
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)
2018CDD001	Gougler Parcel Monitoring Well Installation		$ 87,400		$ 87,400				$ 87,400					$ -	$ 87,400	
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
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			$ 26,975	$ 26,975				$ 26,975					$ -	$ 26,975	Zero Interest
2017ENG003	Engineering Vehicle Replacement		$ 9,000		$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 36,000					$ -	$ 36,000	
2018ADM001	New City Web Site		$ 100,000		$ 100,000				$ 100,000					$ -	$ 100,000	
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.

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2018 CIP for Year 2018

Proj. No.	Project Name	2018 Programmed Funding*								2018 Programmed Reimbursements & Sale Notes/Bonds						Notes
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total	Cost City	
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
2016KFD006	West Side Fire Station Roof	$ -			$ -				$ -					$ -	$ -	Deferred to 2019
2016KFD007	West Side Fire Station Expansion/Renovation	$ 6,373			$ 6,373				$ 6,373					$ -	$ 6,373	Remainder deferred to 2019
2014KPD004	Acquisition 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.
2018KPD009	Police Cruiser Replacement Project		$ 200,000		$ 200,000				$ 200,000					$ -	$ 200,000	Half of 2019 Project advanced to 2018
2018KPD003	Range Upgrade - Gravel & Electrical		$ 10,000		$ 10,000				$ 10,000					$ -	$ 10,000	Originally $35,000 - reduced in scope to $10,000
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
2015KVM001	Vehicle Maintenance Addition		$ 26,568		$ 26,568	$ 15,000	$ 15,000		$ 56,568					$ -	$ 56,568	
2017WRF006	Final Clarifiers Weir Covers				$ -		$ 50,000		$ 50,000					$ -	$ 50,000	
2018WRF002	Waterfall/Dam Annual Upkeep				$ -		$ 3,510		$ 3,510					$ -	$ 3,510	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

ATTACHMENT #1

2018 CIP for Year 2018

Proj. No.	Project Name	2018 Programmed Funding*								2018 Programmed Reimbursements & Sale Notes/Bonds						
		Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm	Total	Cost City	Notes
2018WRF011	Sand blast and coat final clarifier				$ -		$ 50,000		$ 50,000					$ -	$ 50,000	
2011WRF010	Digester Heat Exchangers				$ -		$ 16,052		$ 16,052					$ -	$ 16,052	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	
2017WRF003	Concrete Repair Project				$ -		$ 580		$ 580					$ -	$ 580	
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				$ -	$ 278,240			$ 278,240					$ -	$ 278,240	
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	Moved from 2019
2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank				$ -	$ -			$ -						$ -	Project ($400K) deferred to 2019 due to budget considerations.
2018WTP007	Flash Mixer				$ -	$ 13,500			$ 13,500						$ 13,500	
	2018 CIP Program Funding Totals for 2018:	$ 1,131,373	$ 10,811,374	$ 1,051,532	$ 12,994,279	$ 2,445,609	$ 1,260,950	$ 1,080,485	$ 17,781,323	$ 8,481,517	$ 187,725	$ -	$ 206,700	$ 8,875,942	$ 8,905,381	

ATTACHMENT #1

2018 CIP for Year 2018

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

Legend:

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

General Government Funds Summary Analysis	2018 for 2018
	CAP
Total Fire/EMS =	$ 1,131,373
Total Cap. Proj. =	$ 10,811,374
Total Fire/EMS plus Cap. Proj. =	$ 11,942,747
Total Debt Service =	$ 1,051,532
Total General Government =	$ 12,994,279
Total Grants for Cap. Projects and Proceeds from Note/Bond =	$ 8,481,517
Total General Government Funds minus Grants & Note/Bond =	$ 4,512,762
Charter Target Estimate =	$ 3,350,000
Net General Government MINUS Target =	$ 1,162,762
Prior Year Re-appropriations MINUS Reimbursements associated with the Re-appropriations =	$ 1,013,807
Actual above charter =	$ 148,955
Total Water Funds =	$ 2,445,609
Total Water Grants =	$ 187,725
Total Water Funds minus Grants =	$ 2,257,884
Total Sanitary Funds =	$ 1,260,950
Total Sanitary Grants/Loans =	$ -
Total Sanitary Funds minus Grants =	$ 1,260,950
Total Storm Funds =	$ 1,080,485
Total Storm Grants =	$ 206,700
Total Storm Funds minus Grants =	$ 873,785

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 =	$ 4,512,762
Total Water Funds minus Grants =	$ 2,257,884
Total Sanitary Funds minus Grants =	$ 1,260,950
Total Storm Funds minus Grants =	$ 873,785
Total Local Funds Cost =	$ 8,905,381

ATTACHMENT #1

2018 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				$ -		$ -		$ -					$ -	$ -	Moved to 2020 due to lack of available funding
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				$ -		$ -		$ -					$ -	$ -	Project deferred due to lack of funding
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				$ -		$ -		$ -					$ -	$ -	Project delayed pending results of planning study
2018CIP012	Sanitary Sewer Televising				$ -		$ 70,000		$ 70,000					$ -	$ 70,000	7 year rotation to complete City
2011CIP007	Miller/Harvey/Steel Storm and Water Replacment		$ 163,000		$ 163,000	$ 500,000		$ 1,000,000	$ 1,663,000	$ 94,750	$ 284,250		$ 568,500	$ 947,500	$ 715,500	OPWC Funds Anticipated $797,500 grant/$150,000 loan
2018CIP009	North Water Street Improvements		$ 160,000		$ 160,000				$ 160,000	$ 144,000				$ 144,000	$ 16,000	ODOT - Highway Safety Program Funding Secured
2018CIP016	College Avenue Parking Lot		$ -		$ -				$ -					$ -	$ -	Project ($390K), need to determine external Funding Sources.
2019CIP004	East Main Street Area Improvements		$ 75,000		$ 75,000				$ 75,000					$ -	$ 75,000	Anticipate KSU Funding an additional $75,000
2019CIP006	Lighting at Trail Crossings of Lincoln and Willow Streets		$ 50,000		$ 50,000				$ 50,000					$ -	$ 50,000	Anticipate KSU Funding an additional $50,000
2019CIP007	Mogadore Road Paving south of SR 261 (Portage County)		$ 40,000		$ 40,000				$ 40,000					$ -	$ 40,000	Kent Share of Portage County paving Mogadore Road from Howe Road to SR 261
2008CIP012	Southwest Sanitary Pump Station				$ -		$ 2,100,000		$ 2,100,000			$ 2,000,000		$ 2,000,000	$ 100,000	**OEPA Loan required to fund project**
2019CIP008	Specifications Update		$ 10,000		$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 40,000					$ -	$ 40,000	
2019CIP009	Walnut Street Reconstruction				$ -				$ -					$ -	$ -	Design phase - funded through CDBG
2016ADM001	New Admin. Building		$ 600,000		$ 600,000				$ 600,000	$ 600,000				$ 600,000	$ -	Reimbursement is from sale of old administration building
2012CMD003	Aerial Lift Bucket Truck Replacement		$ 150,000		$ 150,000				$ 150,000					$ -	$ 150,000	
2015CMD009	Stump Grinder		$ -		$ -				$ -					$ -	$ -	Moved to 2020
2018CMD007	Street Sweeper		$ -		$ -			$ -	$ -					$ -	$ -	Moved to 2020
2018CMD003	Sewer Camera				$ -		$ -	$ -	$ -					$ -	$ -	
2019CMD001	CM, Misc. Equipment		$ 40,000		$ 40,000	$ -	$ -		$ 40,000					$ -	$ 40,000	
2019CMD002	Pickup Trucks (1)				$ -	$ 15,000	$ 15,000		$ 30,000	$ -				$ -	$ 30,000	
2018CMD004	Rubber Tired Front End Loader		$ 96,250		$ 96,250	$ 26,250	$ 26,250	$ 26,250	$ 175,000					$ -	$ 175,000	Moved from 2018
2019CMD003	Snowplow		$ 190,000		$ 190,000				$ 190,000					$ -	$ 190,000	
2019CMD004	Vehicle GPS System		$ 33,000		$ 33,000	$ 8,500	$ 8,500		$ 50,000					$ -	$ 50,000	Moved from 2021

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2018 CIP for Year 2019

Proj. No.	Project Name	2019 Programmed Funding* Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	2019 Programmed Reimbursements & Sale Notes/Bonds Gen Gov	Water	Sanitary	Storm	Total	Net Cost City	Notes
2019CMD005	Water Van				$ -	$ 40,000			$ 40,000					$ -	$ 40,000	
2019CMD005	SR 59 & SR 43 Catch Basin Repairs/Replacements		$ 25,000		$ 25,000			$ 25,000	$ 50,000					$ -	$ 50,000	Prepratory work required to be completed before ODOT Paving of SR 59 and SR 43
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			$ 524,663	$ 524,663				$ 524,663	$ 255,000				$ 255,000	$ 269,663	Principal paydown of $255,000
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			$ 26,975	$ 26,975				$ 26,975					$ -	$ 26,975	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	$ -			$ -				$ -	$ -				$ -	$ -	$45,000 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
2019KFD004	Hydraulic Extrication Tools for New Heavy Rescue Truck "Jaws of Life"	$ 95,000			$ 95,000				$ 95,000					$ -	$ 95,000	
2016KFD006	West Side Fire Station Roof	$ -			$ -				$ -					$ -	$ -	Actual contract work likely in 2020
2016KFD007	West Side Fire Station Expansion/Renovation (Design Only)	$ 60,000			$ 60,000				$ 60,000					$ -	$ 60,000	Design Only - Actual contract work likely in 2020
2016KFD005	West Side Fire Station Parking Lot	$ -			$ -				$ -	$ -				$ -	$ -	Actual contract work likely in 2020
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		$ 20,000		$ 20,000				$ 20,000	$ -				$ -	$ 20,000	Reduced $40,000 from previous plan
2019KPD005	Police Cruiser Replacements (6)		$ 200,000		$ 200,000				$ 200,000					$ -	$ 200,000	One half of fleet replacement was advanced into 2018
2019KPD006	Taser Assurance (Replacement) Program		$ 7,400		$ 7,400				$ 7,400					$ -	$ 7,400	
2018KPD004	Cruisers for Canine Units (2)		$ -		$ -				$ -						$ -	Completed in 2018
2018KPD005	Cruiser for School Resource Officer		$ -		$ -				$ -					$ -	$ -	Completed in 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	IT System Build-out/Evaluation		$ 20,000		$ 20,000	$ -	$ -	$ -	$ 20,000					$ -	$ 20,000	
2019KSS002	AntiVirus System Replacement		$ 15,000		$ 15,000	$ -	$ -	$ -	$ 15,000					$ -	$ 15,000	
2019KSS003	Host Server for Virtual Server		$ 15,000		$ 15,000	$ -	$ -	$ -	$ 15,000					$ -	$ 15,000	
2019KSS004	Windows 10 Upgrades		$ 10,000		$ 10,000	$ -	$ -	$ -	$ 10,000					$ -	$ 10,000	
2019KSS005	Backup Firewall		$ 5,000		$ 5,000	$ -	$ -	$ -	$ 5,000					$ -	$ 5,000	

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2018 CIP for Year 2019

Proj. No.	Project Name	2019 Programmed Funding* Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	2019 Programmed Reimbursements & Sale Notes/Bonds Gen Gov	Water	Sanitary	Storm	Total	Net Cost City	Notes
2019KSS006	SQL Server for PD Beast Property		$ 5,000		$ 5,000	$ -	$ -	$ -	$ 5,000					$ -	$ 5,000	
2019KSS007	Fire Suppression for Server Room		$ 20,000		$ 20,000				$ 20,000	$ -				$ -	$ 20,000	
2019KSS008	Time & Attendance Software for Citywide Implementation		$ 110,000		$ 110,000				$ 110,000	$ -				$ -	$ 110,000	
2015KVM003	Vehicle Maintenance Specialties Maintenance Improvements		$ 160,000		$ 160,000	$ 20,000	$ 20,000		$ 200,000					$ -	$ 200,000	
2018WRF006	Aeration Tank Ammonia Probe System				$ -		$ -		$ -					$ -	$ -	Project deferred 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				$ -		$ 60,000		$ 60,000					$ -	$ 60,000	
2014WRF004	Motor Control Center Replacement, Ph. III Construction				$ -		$ -		$ -					$ -	$ -	Project moved to 2020 due to lack of funds
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				$ -	$ -			$ -					$ -	$ -	Project completed in 2018
2017WTP004	Paint KSU 400,000 Ground including Lead Abatement and Paint 250,000 Ground Inside and Out				$ -	$ -			$ -		$ -			$ -	$ -	Project deferred 2020 due to budget considerations; OPWC funding to be pursued
2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank				$ -	$ -			$ -		$ -			$ -	$ -	Project deferred 2021 due to budget considerations; OPWC funding to be pursued
	2018 CIP Program Funding Totals for 2019:	$ 572,000	$ 3,879,150	$ 568,762	$ 5,019,912	$ 1,739,750	$ 2,449,750	$ 1,145,250	$ 10,354,662	$ 1,418,750	$ 784,250	$ 2,000,000	$ 568,500	$ 4,771,500	$ 5,583,162	

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2018 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		

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

General Government Funds Summary Analysis	2018 for 2019
	CAP
Total Fire/EMS =	$ 572,000
Total Cap. Proj. =	$ 3,879,150
Total Fire/EMS plus Cap. Proj. =	$ 4,451,150
Total Debt Service =	$ 568,762
Total General Government =	$ 5,019,912
Total Grants for Cap. Projects and Proceeds from Note/Bond =	$ 1,418,750
Total General Government Funds minus Grants & Note/Bond =	$ 3,601,162
Charter Target Estimate =	$ 3,250,000
Net General Government MINUS Target =	$ 351,162

Total Water Funds =	$ 1,739,750
Total Water Grants =	$ 784,250
Total Water Funds minus Grants =	$ 955,500
Total Sanitary Funds =	$ 2,449,750
Total Sanitary Grants =	$ 2,000,000
Total Sanitary Funds minus Grants =	$ 449,750
Total Storm Funds =	$ 1,145,250
Total Storm Grants =	$ 568,500
Total Storm Funds minus Grants =	$ 576,750

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 =	$ 3,601,162
Total Water Funds minus Grants =	$ 955,500
Total Sanitary Funds minus Grants =	$ 449,750
Total Storm Funds minus Grants =	$ 576,750
Total Local Funds Cost =	$ 5,583,162

ATTACHMENT #1

2018 CIP for Year 2020

Proj. No.	Project Name	2020 Programmed Funding* Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	2020 Programmed Reimbursements & Sale Notes/Bonds Gen Gov	Water	Sanitary	Storm	Total	Net Cost City	Notes
2015CIP017	Rellim, Lincoln & Bowman Area Waterline Improvement				$ -	$ 100,000			$ 100,000					$ -	$ 100,000	
2020CIP001	Annual Sidewalk/Street Program - Construction		$ 1,432,500		$ 1,432,500			$ 20,000	$ 1,452,500	$ 182,500				$ 182,500	$ 1,270,000	OPWC Funds Received for Mogadore Road Resurfacing ($185k grant)
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				$ -	$ -	$ -		$ -					$ -	$ -	Project removed due to budget constraints
2020CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		$ 10,000		$ 10,000				$ 10,000					$ -	$ 10,000	
2015CIP009	Leonard / Francis Waterline Replacement				$ -	$ 85,000			$ 85,000					$ -	$ 85,000	
2015CIP006	Sunrise Boulevard Waterline Replacement				$ -	$ 100,000			$ 100,000					$ -	$ 100,000	$100K moved from 2019 due to budget considerations.
2018CIP009	North Water Street Improvements		$ 1,172,000		$ 1,172,000				$ 1,172,000	$ 1,007,000				$ 1,007,000	$ 165,000	ODOT - Highway Safety Program Funding Secured
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	Horning Road Improvements		$ -		$ -				$ -					$ -	$ -	$130K Project , Potential outside Funding Sources. $300K Project, need to determine potential external Funding Sources
2018CIP012	Sanitary Sewer Televising				$ -		$ 70,000		$ 70,000					$ -	$ 70,000	
2015CIP015	ODOT - SR59 & SR43 Paving (PID 101270)		$ 430,000		$ 430,000				$ 430,000					$ -	$ 430,000	Funding Match for ODOT Urban Paving Funds. AMATS Funding $150,000 in pavement repairs ODOT Project moved from 2018.
2018CIP006	Sanitary Collection System - Planning Study				$ -		$ 50,000		$ 50,000					$ -	$ 50,000	Moved from 2019
2016ADM001	New Admin. Building		$ 5,700,000		$ 5,700,000				$ 5,700,000	$ 1,500,000				$ 1,500,000	$ 4,200,000	Reimbursement is from sale of old administration building
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			$ 70,000	$ 220,000					$ -	$ 220,000	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		$ 40,000		$ 40,000	$ -	$ -		$ 40,000					$ -	$ 40,000	
2020CMD002	Pickup Trucks (1)				$ -	$ 15,000	$ 15,000		$ 30,000	$ -				$ -	$ 30,000	
2020CMD004	One Ton Dump Truck		$ 75,000		$ 75,000				$ 75,000					$ -	$ 75,000	
2015CMD009	Stump Grinder		$ 55,000		$ 55,000				$ 55,000					$ -	$ 55,000	Moved from 2019
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			$ 26,975	$ 26,975				$ 26,975					$ -	$ 26,975	Zero Interest
2019DSR001	Note Debt-Paint 2 Water Tanks				$ -	$ -			$ -					$ -	$ -	REMOVED
2020IT001	SAC Building Fiber Connection		$ -		$ -				$ -					$ -	$ -	$105k for design; Waiting for IT Review
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

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2018 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		
2021KFD004	Fire Turnout Gear Replacement	$ 32,000			$ 32,000				$ 32,000					$ -	$ 32,000	Replace 12 sets each year for 3 years, beginning in 2019
2016KFD005	West Side Fire Station Parking Lot	$ 50,000			$ 50,000				$ 50,000	$ -				$ -	$ 50,000	Part of comprehensive Station 2 renovation
2016KFD007	West Side Fire Station Expansion/Renovation	$ 290,500			$ 290,500				$ 290,500					$ -	$ 290,500	Part of comprehensive Station 2 renovation
2016KFD006	West Side Fire Station Roof	$ 150,000			$ 150,000				$ 150,000					$ -	$ 150,000	Part of comprehensive Station 2 renovation
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	
2020KPD004	Fingerprint Machine Replacement		$ 12,000		$ 12,000				$ 12,000					$ -	$ 12,000	
2019KPD007	Police Unmarked Vehicle Replacement (2)		$ 40,000		$ 40,000				$ 40,000					$ -	$ 40,000	
2019KPD008	Police Gas Masks Replacement (40)		$ 15,000		$ 15,000				$ 15,000					$ -	$ 15,000	
2011KSD001	SAC Roof Replacement		$ 15,000		$ 15,000	$ 5,000	$ 5,000	$ 5,000	$ 30,000					$ -	$ 30,000	
2020KSD004	Misc. Roadway Lighting Equipment		$ 10,000		$ 10,000				$ 10,000					$ -	$ 10,000	
2020KSS001	IT System Build-out		$ -		$ -	$ -	$ -	$ -	$ -					$ -	$ -	
2019KSS004	Windows 10 Upgrades		$ 10,000		$ 10,000	$ -	$ -	$ -	$ 10,000					$ -	$ 10,000	
2020KSS002	Virtualization Software Relicensing		$ 5,000		$ 5,000	$ -	$ -	$ -	$ 5,000					$ -	$ 5,000	
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				$ -		$ -		$ -					$ -	$ -	Project moved to 2021 due to lack of funds
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
2011WRF010	Digester Heat Exchangers				$ -				$ -					$ -	$ -	Project Scope and Funding Plan in process
2014WRF004	Motor Control Center Replacement, Ph. III Construction				$ -		$ 190,000		$ 190,000					$ -	$ 190,000	Project moved from 2019 due to lack of funds
2011WTP004	Well Field Development				$ -	$ 50,000			$ 50,000					$ -	$ 50,000	Contingent on EPA Approval and Grants
2017WTP004	Paint KSU 400,000 Ground including Lead Abatement and Paint 250,000 Ground Inside and Out				$ -	$ 680,000			$ 680,000					$ -	$ 680,000	Project moved from 2019 due to budget considerations; OPWC funding to be pursued
2015WTP007	WTP, Gravel Replacement in Recharge Basin				$ -	$ 250,000			$ 250,000					$ -	$ 250,000	CM evaluating performing work in-house
2020WTP001	WTP, Misc. Plant Equipment				$ -	$ 50,000			$ 50,000					$ -	$ 50,000	
2019WTP002	Clean Well No. 13				$ -	$ -			$ -					$ -	$ -	Moved to 2019

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2018 CIP for Year 2020

Proj. No.	Project Name	2020 Programmed Funding* Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	2020 Programmed Reimbursements & Sale Notes/Bonds Gen Gov	Water	Sanitary	Storm	Total	Net Cost City	Notes
2018WTP002	Clean Well No. 10				$ -	$ 35,000			$ 35,000					$ -	$ 35,000	Moved from 2018
	2018 CIP Program Funding Totals for 2020:	$ 912,500	$ 9,681,400	$ 293,925	$ 10,887,825	$ 1,425,000	$ 515,000	$ 145,000	$ 12,972,825	$ 2,689,500	$ -	$ -	$ -	$ 2,689,500	$ 10,283,325	

Legend:

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

General Government Funds Summary Analysis	2018 for 2020
	CAP
Total Fire/EMS =	$ 912,500
Total Cap. Proj. =	$ 9,681,400
Total Fire/EMS plus Cap. Proj. =	$ 10,593,900
Total Debt Service =	$ 293,925
Total General Government =	$ 10,887,825
Total Grants for Cap. Projects and Proceeds from Note/Bond =	$ 2,689,500
Total General Government Funds minus Grants & Note/Bond =	$ 8,198,325
Charter Target Estimate =	$ 3,300,000
Net General Government MINUS Target =	$ 4,898,325

Total Water Funds =	$ 1,425,000
Total Water Grants =	$ -
Total Water Funds minus Grants =	$ 1,425,000
Total Sanitary Funds =	$ 515,000
Total Sanitary Grants =	$ -
Total Sanitary Funds minus Grants =	$ 515,000
Total Storm Funds =	$ 145,000
Total Storm Grants =	$ -
Total Storm Funds minus Grants =	$ 145,000

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 =	$ 8,198,325
Total Water Funds minus Grants =	$ 1,425,000
Total Sanitary Funds minus Grants =	$ 515,000
Total Storm Funds minus Grants =	$ 145,000
Total Local Funds Cost =	$ 10,283,325

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2018 CIP for Year 2021

Proj. No.	Project Name	2021 Programmed Funding* Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	2021 Programmed Reimbursements & Sale Notes/Bonds Gen Gov	Water	Sanitary	Storm	Total	Net Cost City	Notes
2015CIP016	Franklin Ave/Indian Valley Sanitary Sewer Study				$ -		$ -		$ -					$ -	$ -	
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				$ -	$ 50,000		$ 50,000	$ 100,000					$ -	$ 100,000	
2015CIP009	Leonard/Francis Waterline Replacement				$ -	$ 800,000			$ 800,000					$ -	$ 800,000	
2015CIP006	Sunrise Boulevard Waterline Replacement				$ -	$ 500,000			$ 500,000					$ -	$ 500,000	
2020CIP004	Horning Road Improvements		$ -		$ -				$ -					$ -	$ -	$2,170,000 Project, need to determine external Funding Sources
2018CIP012	Sanitary Sewer Televising				$ -		$ 70,000		$ 70,000					$ -	$ 70,000	
2021CIP004	East Main Pedestrian Lighting		$ 100,000		$ 100,000				$ 100,000					$ -	$ 100,000	
2021CIP009	Walnut Street - Phase 1		$ 202,000		$ 202,000	$ 98,700		$ 77,500	$ 378,200					$ -	$ 378,200	Remaining Balance Funded by CDBG
2021CMD001	CM, Misc. Equipment		$ 40,000		$ 40,000	$ -	$ -		$ 40,000					$ -	$ 40,000	
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, Chassie Only		$ 90,000		$ 90,000				$ 90,000					$ -	$ 90,000	
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			$ 26,975	$ 26,975				$ 26,975					$ -	$ 26,975	
2019DSR001	Note Debt-Paint 2 Water Tanks				$ -	$ -			$ -					$ -	$ -	Project under evaluation, may not need to do based on scaled down operations.
2017ENG003	Engineering Vehicle Replacement		$ 10,000		$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 40,000					$ -	$ 40,000	
2020IT001	SAC Building Fiber Connection		$ -		$ -				$ -					$ -	$ -	$770k for construction; Waiting for IT Review
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	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	Acquistion and Training of K-9 Team		$ 15,000		$ 15,000				$ 15,000					$ -	$ 15,000	

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2018 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	
2021KSS001	IT System Build-out		$ -		$ -	$ -	$ -	$ -	$ -					$ -	$ -	
2021KVM005	Service Truck		$ 48,000		$ 48,000	$ 16,000	$ 16,000		$ 80,000					$ -	$ 80,000	
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				$ -		$ -		$ -					$ -	$ -	Project moved to 2022 due to lack of funds
2014WRF004	Motor Control Center Replacement, Ph. IV Construction				$ -		$ 155,000		$ 155,000					$ -	$ 155,000	Project moved from 2020 due to lack of funds
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					$ -			$ -					$ -	$ -	
2011WTP004	Well Field Development					$ 50,000			$ 50,000					$ -	$ 50,000	
2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank					$ 400,000			$ 400,000					$ -	$ 400,000	Project moved from 2019 due to budget considerations; OPWC funding to be pursued
	2018 CIP Program Funding Totals for 2021:	$ 687,000	$ 3,047,400	$ 26,975	$ 3,761,375	$ 2,349,700	$ 346,000	$ 162,500	$ 6,619,575	$ 238,500	$ -	$ -	$ -	$ 238,500	$ 6,381,075	

Legend:

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

General Government Funds Summary Analysis	2018 for 2021
	CAP
Total Fire/EMS =	$ 687,000
Total Cap. Proj. =	$ 3,047,400
Total Fire/EMS plus Cap. Proj. =	$ 3,734,400
Total Debt Service =	$ 26,975
Total General Government =	$ 3,761,375
Total Grants for Cap. Projects and Proceeds from Note/Bond =	$ 238,500
Total General Government Funds minus Grants & Note/Bond =	$ 3,522,875
Charter Target Estimate =	$ 3,350,000
Net General Government MINUS Target =	$ 172,875

Total Water Funds =	$ 2,349,700
Total Water Grants =	$ -
Total Water Funds minus Grants =	$ 2,349,700
Total Sanitary Funds =	$ 346,000
Total Sanitary Grants =	$ -
Total Sanitary Funds minus Grants =	$ 346,000
Total Storm Funds =	$ 162,500
Total Storm Grants =	$ -
Total Storm Funds minus Grants =	$ 162,500

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 =	$ 3,522,875
Total Water Funds minus Grants =	$ 2,349,700
Total Sanitary Funds minus Grants =	$ 346,000
Total Storm Funds minus Grants =	$ 162,500
Total Local Funds Cost =	$ 6,381,075

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2018 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		$ 1,350,000		$ 1,350,000			$ 20,000	$ 1,370,000					$ -	$ 1,370,000	$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	Rellim, Lincoln & Bowman Area Waterline Improvement				$ -	$ 1,000,000			$ 1,000,000					$ -	$ 1,000,000	
2018CIP012	Sanitary Sewer Televising				$ -		$ 70,000		$ 70,000					$ -	$ 70,000	
2022CMD001	CM Miscellaneous Equipment		$ 40,000		$ 40,000	$ -	$ -		$ 40,000					$ -	$ 40,000	
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	
2019KSS002	AntiVirus System Replacement		$ 15,000		$ 15,000	$ -	$ -	$ -	$ 15,000					$ -	$ 15,000	
2022KSS001	Network Equipment Replacement		$ 50,000		$ 50,000	$ -	$ -	$ -	$ 50,000					$ -	$ 50,000	
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			$ 26,975	$ 26,975				$ 26,975					$ -	$ 26,975	
2019DSR001	Note Debt-Paint 2 Water Tanks				$ -	$ -			$ -					$ -	$ -	REMOVED
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	
2021KFD003	Tower 1819 Replacement	$ 1,250,000			$ 1,250,000				$ 1,250,000	$ 1,150,000				$ 1,150,000	$ 100,000	Deferred Project from 2021. Seek partial additional funding from KSU due to unique service needs.
2022KFD004	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	
2022KPD00?	Dispatch Console Replacement		$ 150,000		$ 150,000				$ 150,000					$ -	$ 150,000	
2022KSD004	Misc. Roadway Lighting Equipment		$ 10,000		$ 10,000				$ 10,000					$ -	$ 10,000	
2022KSS001	IT System Build-out				$ -				$ -					$ -	$ -	
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	
2014WRF004	Motor Control Center Replacement, Ph. V Construction				$ -		$ 120,000		$ 120,000					$ -	$ 120,000	Project moved from 2021 due to lack of funds

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2018 CIP for Year 2022

Proj. No.	Project Name	2022 Programmed Funding* Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	2022 Programmed Reimbursements & Sale Notes/Bonds Gen Gov	Water	Sanitary	Storm	Total	Net Cost City	Notes
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	
2011WTP004	Well Field Development				$ -	$ 50,000			$ 50,000					$ -	$ 50,000	
	2018 CIP Program Funding Totals for 2022:	$ 1,840,000	$ 2,087,400	$ 26,975	$ 3,954,375	$ 1,436,500	$ 576,500	$ 55,000	$ 6,022,375	$ 1,350,000	$ -	$ -	$ -	$ 1,350,000	$ 4,672,375	

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

General Government Funds Summary Analysis	2018 for 2022
	CAP
Total Fire/EMS =	$ 1,840,000
Total Cap. Proj. =	$ 2,087,400
Total Fire/EMS plus Cap. Proj. =	$ 3,927,400
Total Debt Service =	$ 26,975
Total General Government =	$ 3,954,375
Total Grants for Cap. Projects and Proceeds from Note/Bond =	$ 1,350,000
Total General Government Funds minus Grants & Note/Bond =	$ 2,604,375
Charter Target Estimate =	$ 3,400,000
Net General Government MINUS Target =	$ (795,625)

Total Water Funds =	$ 1,436,500
Total Water Grants =	$ -
Total Water Funds minus Grants =	$ 1,436,500
Total Sanitary Funds =	$ 576,500
Total Sanitary Grants =	$ -
Total Sanitary Funds minus Grants =	$ 576,500
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 =	

Total General Government Funds minus Grants & Note/Bond =	$ 2,604,375
Total Water Funds minus Grants =	$ 1,436,500
Total Sanitary Funds minus Grants =	$ 576,500
Total Storm Funds minus Grants =	$ 55,000
Total Local Funds Cost =	$ 4,672,375

2018 CIP for Year 2023

Proj. No.	Project Name	2023 Programmed Funding* Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	2023 Programmed Reimbursements & Sale Notes/Bonds Gen Gov	Water	Sanitary	Storm	Total	Net Cost City	Notes
2022CIP001	Annual Sidewalk/Street Program - Construction		$ 1,400,000		$ 1,400,000			$ 20,000	$ 1,420,000					$ -	$ 1,420,000	$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)		$ 15,000		$ 15,000				$ 15,000					$ -	$ 15,000	
2018CIP012	Sanitary Sewer Televising				$ -		$ 70,000		$ 70,000					$ -	$ 70,000	
2021CIP004	East Main Street Pedestrian Lighting		$ 738,000		$ 738,000				$ 738,000					$ -	$ 738,000	
2023CIP004	Riverside Court Watermain				$ -	$ 160,000			$ 160,000					$ -	$ 160,000	
2019CIP009	Walnut Street - Phase 2 Reconstruction		$ 175,200		$ 175,200			$ 42,100	$ 217,300					$ -	$ 217,300	Remaining balance funded by CDBG
2023CMD001	CM Miscellaneous Equipment		$ 40,000		$ 40,000	$ -	$ -		$ 40,000					$ -	$ 40,000	
2023CMD002	Pickup truck				$ -	$ 16,500	$ 16,500		$ 33,000					$ -	$ 33,000	
2023CMD003	Easement Machine				$ -		$ 55,000		$ 55,000					$ -	$ 55,000	
2023CMD004	Electrical Equipment Van				$ -	$ 17,500	$ 17,500		$ 35,000					$ -	$ 35,000	
2023CMD005	Snow Plow		$ 210,000		$ 210,000				$ 210,000					$ -	$ 210,000	
2023CMD006	Water Repair Van				$ -	$ 165,000			$ 165,000					$ -	$ 165,000	
2013DSR001	Issue II Loan - Downtown Erie-Depeyster			$ 26,975	$ 26,975				$ 26,975					$ -	$ 26,975	
2019DSR001	Note Debt-Paint 2 Water Tanks				$ -				$ -					$ -	$ -	Assume 3% Interest Plus Issuance, 10 yr Amortization
2023KFD001	Fire Miscellaneous Equipment	$ 40,000			$ 40,000				$ 40,000					$ -	$ 40,000	
2023KFD002	Fire Vehicle Replacement Fund	$ 350,000			$ 350,000				$ 350,000					$ -	$ 350,000	
2023KFD003	Replace F-150 Fire Prevention Pickup Truck #1866	$ 45,000			$ 45,000				$ 45,000	$ -				$ -	$ 45,000	
2023KPD001	Police Miscellaneous Equipment		$ 40,000		$ 40,000				$ 40,000					$ -	$ 40,000	
2023KPD006	Taser Assurance (Replacement) Program		$ 7,400		$ 7,400				$ 7,400					$ -	$ 7,400	
2022KSD004	Misc. Roadway Lighting Equipment				$ -				$ -					$ -	$ -	
KSD					$ -				$ -					$ -	$ -	
KSD					$ -				$ -					$ -	$ -	
2023KSS001	IT System Build-out				$ -				$ -					$ -	$ -	
2023KSS002	Virtual Server Cluster Upgrade		$ 50,000		$ 50,000				$ 50,000					$ -	$ 50,000	
2020KSS002	Virtualization Software Licensing		$ 6,000		$ 6,000				$ 6,000					$ -	$ 6,000	
2023KVM001	Air Conditioner Maintenance Machine		$ 4,200		$ 4,200	$ 1,400	$ 1,400		$ 7,000					$ -	$ 7,000	
2023KVM002	Tire Storage		$ 15,000		$ 15,000	$ 5,000	$ 5,000		$ 25,000					$ -	$ 25,000	
2023KVM003	Tire Balancer		$ 2,400		$ 2,400	$ 800	$ 800		$ 4,000					$ -	$ 4,000	
2023KVM004	Floor Repair		$ 6,000		$ 6,000	$ 2,000	$ 2,000		$ 10,000					$ -	$ 10,000	
2022WRF001	WRF, Misc. Plant Equipment				$ -		$ 50,000		$ 50,000					$ -	$ 50,000	

ATTACHMENT #1

2018 CIP for Year 2023

Proj. No.	Project Name	2023 Programmed Funding*								2023 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		
2022WRF002	Waterfall/Dam Annual Upkeep				$ -		$ 10,000		$ 10,000					$ -	$ 10,000	
WRF					$ -				$ -					$ -	$ -	Moved from 2020
WRF					$ -				$ -					$ -	$ -	
2023WTP001	WTP, Misc. Plant Equipment				$ -	$ 50,000			$ 50,000					$ -	$ 50,000	
2023WTP002	Clean Wells No.s 13				$ -	$ 35,000			$ 35,000					$ -	$ 35,000	
2011WTP004	Well Field Development				$ -	$ 50,000			$ 50,000					$ -	$ 50,000	
2023WTP003	Tank Cleaning and Inspection				$ -	$ 100,000			$ 100,000					$ -	$ 100,000	
2023WTP004	Filter Actuator Replacement				$ -	$ 350,000			$ 350,000					$ -	$ 350,000	
WTP					$ -				$ -					$ -	$ -	
	2018 CIP Program Funding Totals for 2023:	$ 435,000	$ 2,714,200	$ 26,975	$ 3,176,175	$ 953,200	$ 228,200	$ 62,100	$ 4,419,675	$ -	$ -	$ -	$ -	$ -	$ 4,419,675	

Legend:

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

General Government Funds Summary Analysis	2018 for 2023
	CAP
Total Fire/EMS =	$ 435,000
Total Cap. Proj. =	$ 2,714,200
Total Fire/EMS plus Cap. Proj. =	$ 3,149,200
Total Debt Service =	$ 26,975
Total General Government =	$ 3,176,175
Total Grants for Cap. Projects and Proceeds from Note/Bond =	$ -
Total General Government Funds minus Grants & Note/Bond =	$ 3,176,175
Charter Target Estimate =	$ 3,450,000
Net General Government MINUS Target =	$ (273,825)

Total Water Funds =	$ 953,200
Total Water Grants =	$ -
Total Water Funds minus Grants =	$ 953,200
Total Sanitary Funds =	$ 228,200
Total Sanitary Grants =	$ -
Total Sanitary Funds minus Grants =	$ 228,200
Total Storm Funds =	$ 62,100
Total Storm Grants =	$ -
Total Storm Funds minus Grants =	$ 62,100

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 =	$ 3,176,175
Total Water Funds minus Grants =	$ 953,200
Total Sanitary Funds minus Grants =	$ 228,200
Total Storm Funds minus Grants =	$ 62,100
Total Local Funds Cost =	$ 4,419,675

2018 CAP PLAN UPDATE
2018 - 2023 Project Descriptions

Proj.#	Description	2018	2019	2020	2021	2022	2023	6-Year Total 2018 - 2023
	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-R/W); $89.5k (KSU Phase II Design and R/W) 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	$ 4,862,276						$ 4,862,276
	Middlebury Road Storm Sewer Emergency Repair - This project included the repair of a storm sewer outlet that failed. The storm sewer outlet that failed served storm water runoff from Middlebury Road to the Cuyahoga River.	$ 27,000						$ 27,000
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/Chelton to the North.	$ 87,008	$ 2,100,000					$ 2,187,008
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.	$ 139,919	$ 1,663,000					$ 1,802,919
	East Main Street Area Improvements - This project is currently in the planning phase trying to identify a solution to improve vehicular, bicycle and pedestrian safety along East Main Street from Willow Street to Horning Road. The Improvements are also intended to help preserve/improve the residential neighborhoods north of East Main Street and integrate the changes from Kent State University's Master Plan . Kent State University is assisting in the funding of this project.		$ 75,000					$ 75,000
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. An additional left turn lane will be added from westbound SR 261 to southbound SR 43. AMATS and OPWC funding were obtained to assist in funding the construction and right-of-way costs of the project.	$ 2,768,216						$ 2,768,216
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
	Lighting at Trail Crossings of Lincoln and Willow Streets - This is a joint project between the City and Kent State University to street lights to the existing trail crossings (Esplanade) at Lincoln and Willow Streets.		$ 50,000					$ 50,000
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.	$ 4,914						$ 4,914
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.		$ -					$ -
2015-004 2015CIP004	**Majors/Stinaff/Cuyahoga Area Waterline Replacement and Drainage Improvements -** This project includes the replacement and interconnection of approximately 2,000 feet of substandard watermains on Cuyahoga, Majors Lane and Stinaff. The purpose of the waterline improvement is to reduce necessary maintenance due to multiple breaks, upsize and loop the line for improved fire flow, add hydrants, and 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.				$ 100,000			$ 100,000
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 replace an aging water line to eliminate an older failed sewer. Concrete driveway aprons and sidewalks will be provided. Lawn areas will be graded and seeded and street trees will be added along the roadway.	$ 880,000	$ -					$ 880,000
2015-009 2015CIP009	**Leonard / Francis Waterline Replacement -** The project would consist of replacing 1665 feet of existing 4 & 6 inch with 8 inch pipe including valves, hydrants and service connections on Leonard, and adding 876 feet of 8 inch pipe on Francis to connect Lenoard and Hampton to Main Street. The purpose of this improvement is to reduce necessary maintenance, increase fire flow, improve water quality, and provide waterline interconnection.		$ -	$ 85,000	$ 800,000			$ 885,000
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.	$ 21,300		$ -				$ 21,300
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 watermains 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.	$ 1,023,594						$ 1,023,594
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.	$ 8,000						$ 8,000
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).	$ -		$ -				$ -
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 Stinaff Street to the north corporation limit. ODOT is currently budgeting $988,800 in federal funds to contribute to this project.	$ -		430000				$ 430,000
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.		$ -	$ -	$ -			$ -

2018 CAP PLAN UPDATE

2018 - 2023 Project Descriptions

Proj.#	Description	2018	2019	2020	2021	2022	2023	6-Year Total 2018 - 2023
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
2015-017 2015CIP017	**Rellim, Lincoln & Bowman Area Waterline Improvement -** The project consists of over 3,000 feet of waterline replacements in the area that generally includes Rellim Drive, Bowman Drive and Lincoln Street. All waterlines will be replaced to an 8" minimum size. The project is required to improve water quality, increase fire flow and replace watermains that have had 16 breaks from 1999 to 2014.	$ -		$ 100,000		$ 1,000,000		$ 1,100,000
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.	$ 75,900						$ 75,900
	Mogadore Road Paving south of SR 261 (Portage County) - This project includes the resurfacing of Mogadore Road from Howe Avenue to SR 261 by Portage County. The funds included for this project will pay to resurface the portions of Mogadore Road that are located in the City of Kent. Oho Public Works Commission (OPWC) funding will be paying for a portion of this project.		$ 40,000					$ 40,000
2018-001 2018CIP001	**Annual Sidewalk/Street Program Construction** - [Also Years 2018-01, 2019-01, 2020-01, 2021-01, 2022-01 & 2023-01] 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.	$ 1,580,750	$ 1,545,000	$ 1,452,500	$ 1,320,000	$ 1,370,000	1420000	$ 8,688,250
2018-002 2018CIP002	**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.	$ 15,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	5000	$ 40,000
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&LE RR crossing. This project was required when the existing main broke underneath the RR tracks and could not be repaired.	$ 5,000						$ 5,000
	SR 59 & SR 43 Catch Basin Repairs/Replacements - This project includes the replacement of existing catch basins on SR 59 and SR 43 that have structural issues. These structures are not able to be replaced in-house due to there size and locations.		$ 50,000					$ 50,000
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 corporation 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, 22-05 and 23-05) 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	15000	$ 65,000
2017-006 2017CIP006	**SR 261 Revisioning 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.	$ 55,400						$ 55,400
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/Mantua, Fairchild/Water and Crain/Lake/Water to provide improved vehicular flow through the area.	$ 20,000						$ 20,000
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 has received ODOT Highway Safety Program (HSP) funding.	$ -	$ 160,000	$ 1,172,000				$ 1,332,000
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.	$ 25,000						$ 25,000
??	**Gougler Parcel Monitoring Well Installation**	$ 87,400						$ 87,400
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.	$ -	$ 70,000	$ 70,000	$ 70,000	$ 70,000	70000	$ 350,000
2018-013 2018CIP013	**Sanitary and Storm Standards Update** - This project includes the updates to our construction standards for sanitary and storm work.	$ -						$ -
2018-014 2018CIP014	**Utility Mapping Update -** This project will improve our existing utility infrastructure mapping, by field locating items to supplement the plan records.	$ 22,500						$ 22,500
2018-015 2018CIP015	**North-Central Sanitary Sewer (Study) -** 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.	$ 50,000	$ -					$ 50,000
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.	$ -	$ -					$ -
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.	$ 475,000						$ 475,000
	Specifications Update - This project includes the updates to the City's construction standards.		$ 40,000					$ 40,000
	Walnut Street - The proposed project includes full depth reconstruction of Walnut Street from Cherry Street to Dodge Street. The length of work is approximately 900 feet and the width of Walnut 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. The existing aging water line with a history of water breaks will be replaced on Walnut Street. Concrete driveway aprons and sidewalks will be provided. Lawn areas will be graded and seeded and street trees will be added along the roadway.			$ -	$ 378,200		217300	$ 595,500
	East Main Street Pedestrian Lighting - This project includes the addition of pedestrian level lighting on East Main Street from Depeyster Street to Willow. The lighting will improve the walkability of this corridor which will improve the use of the courthouse lot to supplement parking in downtown.				$ 100,000		738000	$ 838,000
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.		$ -	$ -	$ -			$ -
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.	$ -	$ -	$ 50,000				$ 50,000
2018-007 2018CIP007	**ODOT POR-SR 261 Resurfacing (PID 98381) -** 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.	$ 20,000						$ 20,000
2021-004 2021CIP004	**SAC Parking Lot Replacement -** This project includes the replacement of the parking lot at the Service Administration Complex.				$ 400,000			$ 400,000
ADM-16-01 2016ADM001	**New Admin. Building - Plan Development and Construction -** This project includes the plan development then construction 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	$ 600,000	$ 5,700,000				$ 6,600,000
	Riverside Court Watermain - This project includes the replacement of an existing 1 3/4" galvanized water main which was built prior to 1924 on Riverside Court. The existing main has had numerous breaks over the past several years.						160000	$ 160,000
								$ -
	Capital Projects	$ 13,585,268	$ 7,482,000	$ 9,332,000	$ 3,683,200	$ 2,455,000	$ 2,625,300	$ 39,162,768

2018 CAP PLAN UPDATE
2018 - 2023 Project Descriptions

Proj.#	Description	2018	2019	2020	2021	2022	2023	6-Year Total 2018 - 2023
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
2018ADM001	New City Web Site	$ 100,000						$ 100,000
	Budget & Finance/City Manager	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ 100,000
	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-18-01 2018CMD001	**Central Maintenance Misc. Capital Equipment** - [Also 2019CMD001, 20201CMD001, 2021CMD001 2022CMD001 & 2023CMD001] This funding source allows the Central Maintenance Division to purchase small capital equipment items greater than $2,500	$ 50,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	40000	$ 250,000
CM-18-13 2018CMD013	**Pickup Truck** - (Replace 1 in 2018CMD013, in 2019CMD002, in 2019 CM-19-02, in 2020CMCMD002, in 2021CMD002, in 2022CMD002 and in 2023CMD003) 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.	$ 29,000	$ 30,000	$ 30,000	$ 30,000	$ 33,000	33000	$ 185,000
CM-19-003 2019CMD003	**Snowplow -** Truck set up for street snowplowing and hauling various other materials. These trucks do more than just snowplow as they are used all year. The oldest 2 trucks used for snowplowing are 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-21-012 2021CMD012	**Snowplow -** Truck set up for street snowplowing and hauling various other materials. These trucks do more than just snowplow as they are used all year. The oldest 2 trucks used for snowplowing are 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.				$ 200,000			$ 200,000
CM-18-11 2018CMD011	**Hoe / Excavator** - The purchase of a new Excavator will replace one of the two current 1995 Ford 655 Rubber tire Backhoes. The current city Excavator has provided the division more flexibility in repairing and maintaining the sanitary, storm and water systems,	$ -		$ 250,000		$ 75,000		$ 325,000
	Leaftruck - Leaf vacuum truck. Automated system for leaf collection program. Replacing one of two 1988 model trucks used for leaf collection.					$ 160,000		$ 160,000
CM-22-004 2022CMD004	**Excavator -** Performs various type of work including repairs on roads, water, sanitary sewer, storm sewer, etc. Central Maintenance keeps 3 excavators/backhoes in our fleet. Replacement for one of two backhoes					$ 75,000		$ 75,000
CM-15-09 2015CMD009	**Stump Grinder** - The current stump grinder was purchased in 1995 and will be 25 years old when it is projected to be replaced.		$ -	$ 55,000				$ 55,000
CM-22-005 2022CMD005	**One Ton Dump Truck -** Versatile truck that is used in many different ways. 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. Estimated replacement for 2004 model truck					$ 70,000		$ 70,000
2023CMD003	**Easement Machine -** The piece of equipment will allow central maintenance to access currently inaccessible areas along easements to maintain our sewers.						55000	$ 55,000
2023CMD004	**Electrical Equipment Van -** This vehicle will replace the existing electrical van and is used to repair/maintain the electrical equipment used to run our water and sewer systems.						35000	$ 35,000
2023CMD005	**Snow Plow -** Truck set up for street snowplowing and hauling various other materials. These trucks do more than just snowplow as they are used all year. Plow trucks are programmed to be purchased every other year, which would require us to maintain each truck in usage for 18 years.						210000	$ 210,000
2023CMD006	**Water Repair Van -** This vehicle will replace the existing secondary repair van that is used when two water crews are necessary. The water vans are rotated such that the newer vehicle is used first, thereby extending the life of the older water van.						165000	$ 165,000
CM-18-03 2018CMD003	**Sewer Camera** - The Sewer Camera is an integral part of providing sewer service to customers. The equipment locates defects in the sewer system without the need to complete expensive exploratory excavation. The budget includes cost of vehicle.	$ -	$ -					$ -
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.	$ -	$ 175,000					$ 175,000
CM-18-05 2018CMD005	**Water Maintenance and Repair Van** - The replacement of the Water Maintenance and Repair Van used to support utility distribution operations is required due to the age of the existing equipment.	$ 120,000	$ 40,000					$ 160,000
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 grinding 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 EPA Storm Water Permit water quality requirements		$ -	$ 220,000				$ 220,000
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 -** 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. Replacing a 1994 model truck.			$ 75,000				$ 75,000
CM-20-03 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, Chassie Only** - This purchase will provide the chassie to replace an existing 1985 chassie. Vehicle maintenance will be salvaging the leaf collection unit to reuse with the new chassie, providing a savings of approximately $60,000.				$ 90,000	$ 160,000		$ 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	**Carpentry 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
CM-19-04 2019CMD004	**Vehicle GPS System** - 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.		$ 50,000		$ -			$ 50,000

2018 CAP PLAN UPDATE
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	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
CM-21-08 2021CMD008	**Brush Chipper** - This purchase will replace one the existing three brush chippers.				$ 80,000			$ 80,000
CM-18-09 2018CMD009	**Paver** - The Asphalt Paver is used to repair asphalt pavement throughout the City, including pavement damaged from watermain breaks. The current Paver is near the end of its usefully life and needs to be replaced.				$ 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	$ 414,000	$ 675,000	$ 780,000	$ 1,000,000	$ 823,000	$ 538,000	$ 4,230,000
DS-10-01	**Various Purpose Refunding Notes General Obligation Bonds**	$ 215,327	n/a	n/a	n/a	n/a	n/a	$ 215,327
DS-10-02	**Issue II Loan - Fairchild** -	$ 25,647	$ 12,824	n/a	n/a	n/a	n/a	$ 38,471
DS-10-03	**Issue II Loan - Elm/Mae/Morris** -	$ 4,300	$ 4,300	$ 4,300	n/a	n/a	n/a	$ 12,900
DS-10-04	**Note Outstanding Fire Station** -	$ 779,283	$ 524,663	$ 262,650	n/a	n/a	n/a	$ 1,566,596
DS-13-01	**Issue II Loan - Downtown Erie-Depeyster**	$ 26,975	$ 26,975	$ 26,975	$ 26,975	$ 26,975	$ 26,975	$ 161,850
DS-19-01	**Note Outstanding - Paint 2 Water Tanks** -	n/a	n/a	$ -	$ -	$ -	$ -	$ -
	Debt Service	$ 1,051,532	$ 568,762	$ 293,925	$ 26,975	$ 26,975	$ 26,975	$ 1,995,144
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 to go to training. All the vehicles were recommended for replacement by the vehicle maintenance division.	$ 36,000		$ -	$ 40,000			$ 76,000
								$ -
	Engineering Division	$ 36,000	$ -	$ -	$ 40,000	$ -	$ -	$ 76,000
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	$ 40,000	$ 40,000	$ 40,000	40000	$ 230,000
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	350000	$ 2,100,000
2016KFD006	**West Side Fire Station Roof - $150,000 -First Part of comprehensive project to add a pitched roof and an addition to the West Side Fire Station. This will take care of long term roof problems and add storage capabilities to this station. Included is adding an emergency generator.**			150000				$ 150,000
2016KFD007	**West Side Fire Station Expansion/Renovation - $290,500 - Second part of a comprehensive project to add addition for larger kitchen, EMS storage and Gear Storage. Also included is renovation of older section living quarters including replacing the 25 + year old HVAC systems**	$ 6,373	$ 60,000	290500				$ 356,873
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
2016KFD005	**West Side Fire Station parking lot - $50,000 Third part of a comprehensive project. This will remove the gravel lot and replace it with a paved parking surface. Improvements will alleviate flooding concerns with engineering and storm water management.**			50000				$ 50,000
FD-18-04 2018KFD004	**Station II Generator** - Installation 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 Chey Med Unit)** - Project advanced from 2019 plan and determined full replacement was needed.		$ -					$ -
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. Defer project from 2021 to 2022.				$ -	$ 1,250,000		$ 1,250,000
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	32000	$ 32,000			$ 96,000
FD-19-06 2019KFD006	**Replace Fire Prevention Pick-Up 1866** - This SUV vehicle is a 2009 model. Defer replacement to 2023		$ -	$ -			45000	$ 45,000
FD-19-0X 2019KFD00X	**Hydraulic Extrication Tools for New Heavy Rescue Truck "Jaws of Life"** - Replace 20 year old tools in 2019 for $75,000		$ 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.	$ 35,000						$ 35,000
								$ -
	Fire Department Equipment	$ 1,131,373	$ 572,000	$ 912,500	$ 687,000	$ 1,840,000	$ 435,000	$ 5,577,873
								$ -
								$ -
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.							$ -
	Health Department	$ -	$ -	$ -	$ -	$ -	$ -	$ -
								$ -
								$ -
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.	$ 15,000						$ 15,000
PD-XX-06 20XXKPD006	**Tasers/Taser Assurance Program** - In 2019 half of the inventory will be at the end of 5 yr contract and receive free replacement of 17 tasers. No more option of renewing the 5 year Assurance Plan, plan discontinued. In 2020 the other half of inventory (16) will be replaced for free. NO MORE 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~~. FULL AMOUNT NEEDED THROUGH 2024 THEN HALF IN 2025.	$ 7,400	$ 7,400	$ 7,400	$ 7,400	$ 7,400	7400	$ 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.	$ 37,500	$ 37,500	$ 40,000	$ 40,000	$ 40,000	40000	$ 235,000
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. **(PUSH TO 2020)**	$ -	$ -	$ 40,000				$ 40,000
PD-??-??	**Police Emergency Siren Replacement -** The emergency siren replacement is projected for the sites at Fairchild and Rec Center (Franklin Ave) - Pushed from 2017							$ -
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. Most of the officers are in this replacement series.				$ 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** and has been pushed since 2017**.**	$ -	$ 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

2018 - 2023 Project Descriptions

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PD-22-?? 2022KPD0??	**Dispatch Console Replacement** Current console was moved from the old location to the new and will need to be replaced in 2022 (estimate $150,000)					$ 150,000		$ 150,000
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-20-?? 2020KPD0??	**Gas Masks** - All department masks are dry and cracked and need replaced. (Estimate $17,000)	$ -	$ -	$ 15,000				$ 15,000
2021KPD004	**Acquisition and Training of K-9 Team** - Anticipate the retirement of one of the department K-9 teams. K-9 IRON	$ -	$ -		$ 15,000			$ 15,000
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.		$ 20,000					$ 20,000
PD-19-05 2019KPD005	**Police Cruisers Project** - (Qty. ~~9~~ 6, Total Shown) - The year 2019 will complete four years with the current fleet of vehicles. Project includes markings and installed equipment (not including video or MDTs). 3 of the	$ 200,000	$ 200,000					$ 400,000
PD-20-02 2020KPD002	**Mobile Data Terminals (9) (12)** 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 $80k.			$ 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
								$ -
	Police Department Equipment	$ 274,900	$ 321,900	$ 184,400	$ 97,400	$ 197,400	$ 47,400	$ 1,123,400
								$ -
								$ -
SA-11-01 2011KSD001	**SAC Roof Replacement** - The Service Complex roof is identified as needing replaced because it is reaching it's design life.	$ 25,000	$ 30,000	$ 30,000	$ 30,000			$ 115,000
SA-18-04 2018KSD004	**Misc. Roadway Lighting Equipment** - [Also 2019KSD004, 2020KSD004, 2021KSD004 & 2022KSD004] This project is required to replace City owned light poles that are damaged by motor vehicle accidents. The funds are typically reimbursed through insurance claims.	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000		$ 50,000
SA-21-02 2021KSD002	**Standing Rock Cemetery - Wall Replacement** - This project will replace the retaining wall along SR 43 at Standing Rock Cemetery.				$ 100,000			$ 100,000
								$ -
	Service Department, Facilities, Capital Maintenance and Capital Projects	$ 35,000	$ 40,000	$ 40,000	$ 140,000	$ 10,000	$ -	$ 265,000
								$ -
								$ -
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	$ 34,000		$ -	$ -			$ 34,000
2019KSS008	**Time and Attendance Software For Citywide Implementation**		$ 110,000					$ 110,000
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.							$ -
SS-19-01 2019KSS001	**IT System Build Out**		$ 20,000					$ 20,000
SS-19-02 2019KSS002	**Antivirus System Replacement Endpoints & Servers** - We have extended the current deployment (2014) by 2 years. This deployment of the newest software technology will begin the next 3yr deployment.		$ 15,000					$ 15,000
SS-19-03 2019KSS003	**Additional Host Server for Virtual Server Cluster** - Allows for further consolidation of servers and allows for the upgrade of the City's server infrastructure		$ 15,000					$ 15,000
SS-19-04 2019KSS004	Windows 10 Upgrades - Many of our machines continue to run Windows 7. Microsoft ended mainstream support on 1/13/2015. Microsoft will end extended support 1/14/2020. No other security or bug fixes will be issued for the operating system. All machines running windows 7 will need to be upgraded or replaced.		$ 10,000	$ 10,000				$ 20,000
SS-19-05 2019KSS005	Backup Firewall - This will provide the City with a 2nd internet connection. This will allow us to have a fail-over internet connection. Future growth will provide the starting point for a back-up emergency phone system.		$ 5,000					$ 5,000
SS-19-06 2019KSS006	SQL Server for Police Dept. Beast Property System		$ 5,000					$ 5,000
SS-19-07 2019KSS007	**Fire Supression for Server Room at New PD** - Request for inert gas system was denied during design and build for the building. There is still a water based system in the server room which would cause catastrophic damage to the equipment is it is ever activated. We need to purchase and install an inert gas system and remove the existing sprinkler system. Architects called the current system "dry" because the lines are not charged at all times, "wet" only when activated. In response to an event like a fire, an inert gas system is the most effective system designed to minimize damage. Other systems, like "Clean agent" systems, require extensive cleanup after an event. Inert gas usually only requires venting the room properly before access is allowed.		$ 20,000					$ 20,000
SS-20-02 2020KSS002	Virtualization Software Relicensing			$ 5,000			6000	$ 11,000
SS-22-01 2022KSS001	Network Equipment Replacement - Plan for replacement between years 5-8 of ownership. All replaced Q4 2017							$ -
SS-23-02 2023KSS002	Virtual Server Cluster Upgrade						50000	$ 50,000
								$ -
	Safety & Service, Communications and IT	$ 34,000	$ 200,000	$ 15,000	$ -	$ -	$ 56,000	$ 305,000
								$ -
								$ -
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.	$ 200,000						$ 200,000
VM-15-01 2015KVM001	**Vehicle Maintenance Addition** - Additional parts storage and public restroom.	$ 56,568	$ 200,000					$ 256,568
2023KVM001	**Air Conditioner Maintenance Machine -** This is a replacement machine for vehicle maintenance to repair/maintain the air conditioning units in the City's vehicles.						7000	$ 7,000
2023KVM002	**Tire Storage -** This project will expand the storage area included with the vehicle maintenance building and will be used to store replacement tires.		$ -				25000	$ 25,000
2023KVM003	**Tire Balancer -** This is a replacement machine used to balance tires.		$ -				4000	$ 4,000
2023KVM004	**Floor Repair -** This project is required to repair the floor in the vehicle maintenance building where the old vehicle lifts had been installed. The old lifts are no longer operable and have been replaced by other lifts that do not require the same modifications to the floor of the building.						10000	$ 10,000
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.				$ 80,000			$ 80,000
								$ -
	Vehicle Maintenance	$ 256,568	$ 200,000	$ 30,000	$ 80,000	$ -	$ 46,000	$ 612,568
								$ -

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WR-11-10 2011WRF010	**Digester Heat Exchangers** - The two existing heat exchangers are circa 1965 and in need of replacement.	$ 16,052						$ 16,052
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	$ -			$ 365,000
WR-17-03 2017WRF003	**Concrete Repair Project** - [Also 2019WRF003 & 2021WRF003] 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			$ 10,000
WR-18-01 2018WRF001	**WRF, Misc. Plant Equipment** - [In YEAR WRF-18-01, WRF-19-01, WRF-20-01, WRF-21-01, WRF-22-01 & WRF-23-01] 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	50000	$ 300,000
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-18-10 2018WRF010	**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.	$ -	$ 20,000					$ 20,000
WR-17-06 2017WRF006	**Final Clarifiers Weir Covers** - The present day wier covers have been in place for the last 15 yrs. (est.) and are deteriating 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.	$ 50,000	$ 60,000	$ -				$ 110,000
WR-18-02 2018WRF002	**Waterfall/Dam Upkeep** - [Also 2019WRF002, 2020WRF002, 2021WRF002, 2022WRF002 & 2023WRF002] The dam pumping system has been in place and running for many years and has been require ring more funds annually to maintain it. This project would allow for dedicated funding to be available	$ 3,510	$ 10,000	$ 10,000	$ 10,000	$ 10,000	10000	$ 53,510
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 is to replace the current lab dishwasher that has reached the end of useful life and in need of replacement. The old dishwasher runs 1 to 2 times a day at 3 hours per wash and manual wash totals 5 to 10 hours per week. I recommend this expense to allow for a more efficient 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 -** [Also 2019WRF004 & 2020WRF003] 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				$ 150,000
2017WRF003	**Concrete Repair Project - [Also 2019WRF003 & 2021WRF003] 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 diffic**	580			5000			$ 5,580
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.	$ -	$ -					$ -
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	$ 405,942	$ 195,000	$ 320,000	$ 70,000	$ 335,000	$ 60,000	$ 1,385,942
								$ -
								$ -
WT-11-04 2011WTP004	**Well Field Development** - The current well field is over thirty years old and the City needs to be proactive in establishing a new source of water for the Kent residents and business. This funding request will provide continued support in searching and developing additional water source.	$ 50,000	$ 50,000	$ 50,000			50000	$ 200,000
WT-18-02 2018WTP002	**Well Cleaning** - (Well No. 12 - WTP-18-05; Well No. 10 - WTP-18-02; Well No. 13 - WTP-19-02, Well No. 11 - WTP-21-03, Well No. 12 - WTP-22-02 and Well No. 13 - WTP-23-002) The cleaning of the Water Treatment Plant wells is an ongoing maintenance project which is completed to guarantee a quality water source for the City's customers.	$ 35,000	$ -	$ 35,000	$ 35,000	$ 35,000	35000	$ 175,000
WT-21-02 2021WTP002	**Lime Slacker including installation** - The 2000 vintage lime spreader needs to be replaced. The lime spreader is used by farmers to spread lime which is a by-product of the City's water treatment process and in the past the City paid to have the lime hauled away.				$ 130,000			$ 130,000
WT-18-07 2018WTP007	**Flash Mixer -** Reinstalled the mixer at the head of the water treatment plant to improve mixing of the chemicals at the entry to the plant.	$ 13,500						$ 13,500
WT-23-03 2023WTP003	**Tank Cleaning and Inspection -** Routine cleaning and inspection of some of the water tanks in the distribution system.						100000	$ 100,000
WT-24-04 2023WTP004	**Filter Actuator Replacement -** Replacement of the valve actuators in the filter gallery at the water plant. This is required because replacement parts are no longer being produced.		$ -				350000	$ 350,000
WT-15-07 2015WTP007	**WTP, Gravel Replacement in Recharge Basin** - This project includes complete gravel replacement in recharge basin by outside contractor. Gravel was replaced in 2008 and experience shows about a 6 year life cycle.			$ 250,000				$ 250,000
WT-15-08 2015WTP008	**WTP, Paint KSU 500,000 Gallon Elevated Water Tank** - The 500,000 KSU Tank has been identified by the Staff of the Water Treatment Plant as needing to be painted.	$ -	$ -		$ 400,000			$ 400,000
WT-18-03 2018WTP003	**WTP, Vehicle Replacement** - Replacement of the 2006 Dodge Caravan is recommended for review.	$ 30,000						$ 30,000
WT-18-01 2018WTP001	**WTP, Misc. Plant Equipment** - [Additional Years WTP-19-01, WTP-20-01, WTP-21-01, WTP-22-01 & WTP-23-01] Funds are used each year to provide funding for smaller identified Capital needs at the Water Treatment Plant.	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	50000	$ 300,000
WT-17-04 2017WTP004	**Paint KSU 400,000 gallon Ground Storage Tank** - Painting including lead abatement of the 400,000 ground tank at KSU was originally scheduled for 2017. Also includes painting of the adjacent 250,000 gallon ground tank.	$ -		$ 680,000				$ 680,000
WT-18-04 2018WTP004	**Rehab (2) Rapid Sand Filters** - This project has been added to Rehabilitate (2) rapid sand filters. This includes replacing the filter media (sand and anthricite) to correct normal sand growth and increase filter run times.	$ 278,240						$ 278,240
WT-21-04 2021WTP004	**Replace Kenworth -** With the new tanker truck hauling lime sludge to Water Reclamation and with the increase in maintenance costs to our current hauling truck, we need to replace it with a smaller more appropriately sized truck. The farm fields that we haul lime to are not designed to accept loads from trucks the size that we have at the WTP. This has led to issues with the truck getting stuck, breaking down, and causing some property damage.				$ 180,000			$ 180,000
WT-21-05 2021WTP005	**Mogadore Tank Improvements -** This project includes improvements to the water tank located on Mogadore Road. The tank requires retrofitting to improve water quality as the tank has excess capacity and turnoff rates should be improved.				$ -			$ -
WT-22-03 2022WTP003	**CO2 Installation and Building -** During recent visits with the Ohio EPA, we were told that by not covering our CO2 building we could be held to additional testing requirements under the surface water rules. To avoid this we are planning on covering our current basins with vent fans and upgrading our current equipment.					$ 250,000		$ 250,000
								$ -
	Water Treatment Plant Capital Expenses	$ 456,740	$ 100,000	$ 1,065,000	$ 795,000	$ 335,000	$ 585,000	$ 3,336,740

2018 CAP PLAN UPDATE

2018 - 2023 Project Descriptions

Proj.#	Description	2018	2019	2020	2021	2022	2023	6-Year Total 2018 - 2023
	The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
	Totals by Department\Division Project Description Page							
	Capital Projects	$ 13,585,268	$ 7,482,000	$ 9,332,000	$ 3,683,200	$ 2,455,000	$ 2,625,300	$ 39,162,768
	Budget & Finance IT	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ 100,000
	Community Development	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Central Maintenance	$ 414,000	$ 675,000	$ 780,000	$ 1,000,000	$ 823,000	$ 538,000	$ 4,230,000
	Debt Service	$ 1,051,532	$ 568,762	$ 293,925	$ 26,975	$ 26,975	$ 26,975	$ 1,995,144
	Engineering Division	$ 36,000	$ -	$ -	$ 40,000	$ -	$ -	$ 76,000
	Fire Department	$ 1,131,373	$ 572,000	$ 912,500	$ 687,000	$ 1,840,000	$ 435,000	$ 5,577,873
	Health Department	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Police Department	$ 274,900	$ 321,900	$ 184,400	$ 97,400	$ 197,400	$ 47,400	$ 1,123,400
	Service Department	$ 35,000	$ 40,000	$ 40,000	$ 140,000	$ 10,000	$ -	$ 265,000
	Safety & Service	$ 34,000	$ 200,000	$ 15,000	$ -	$ -	$ 56,000	$ 305,000
	Vehicle Maintenance	$ 256,568	$ 200,000	$ 30,000	$ 80,000	$ -	$ 46,000	$ 612,568
	Water Reclamation Facility	$ 405,942	$ 195,000	$ 320,000	$ 70,000	$ 335,000	$ 60,000	$ 1,385,942
	Water Treatment Plant	$ 456,740	$ 100,000	$ 1,065,000	$ 795,000	$ 335,000	$ 585,000	$ 3,336,740
	Totals by Department\Division Project Description Page:	$ 17,781,323	$ 10,354,662	$ 12,972,825	$ 6,619,575	$ 6,022,375	$ 4,419,675	$ 58,170,435
	Check Sum This Page to Individual Yearly CIP Reports (Note should equal ZERO)							
	Engineering Capital Projects	$ 13,585,268	$ 7,482,000	$ 9,332,000	$ 3,683,200	$ 2,455,000	$ 2,625,300	$ 39,162,768
	Budget & Finance IT	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ 100,000
	Community Development	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Central Maintenance	$ 414,000	$ 675,000	$ 780,000	$ 1,000,000	$ 823,000	$ 538,000	$ 4,230,000
	Debt Service	$ 1,051,532	$ 568,762	$ 293,925	$ 26,975	$ 26,975	$ 26,975	$ 1,995,144
	Engineering Division	$ 36,000	$ -	$ -	$ 40,000	$ -	$ -	$ 76,000
	Fire Department	$ 1,131,373	$ 572,000	$ 912,500	$ 687,000	$ 1,840,000	$ 435,000	$ 5,577,873
	Health Department	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Police Department	$ 274,900	$ 321,900	$ 184,400	$ 97,400	$ 197,400	$ 47,400	$ 1,123,400
	Service Department	$ 35,000	$ 40,000	$ 40,000	$ 140,000	$ 10,000	$ -	$ 265,000
	Safety & Service	$ 34,000	$ 200,000	$ 15,000	$ -	$ -	$ 56,000	$ 305,000
	Vehicle Maintenance	$ 256,568	$ 200,000	$ 30,000	$ 80,000	$ -	$ 46,000	$ 612,568
	Water Reclamation Facility	$ 405,942	$ 195,000	$ 320,000	$ 70,000	$ 335,000	$ 60,000	$ 1,385,942
	Water Treatment Plant	$ 456,740	$ 100,000	$ 1,065,000	$ 795,000	$ 335,000	$ 585,000	$ 3,336,740
	Total:	$ 17,781,323	$ 10,354,662	$ 12,972,825	$ 6,619,575	$ 6,022,375	$ 4,419,675	$ 58,170,435
		2018	2019	2020	2021	2022	2023	6-Year
	Capital Expenses Fire/EMS	$ 1,131,373	$ 572,000	$ 912,500	$ 687,000	$ 1,840,000	$ 435,000	$ 5,577,873
	Capital Expenses Capital Project	$ 10,811,374	$ 3,879,150	$ 9,681,400	$ 3,047,400	$ 2,087,400	$ 2,714,200	$ 32,220,924
	Capital Expenses Debt Service	$ 1,051,532	$ 568,762	$ 293,925	$ 26,975	$ 26,975	$ 26,975	$ 1,995,144
	Total Capital Expenses Fire/EMS, Capital Projects and Debt Service:	$ 12,994,279	$ 5,019,912	$ 10,887,825	$ 3,761,375	$ 3,954,375	$ 3,176,175	$ 39,793,941
								$ -
	Capital Expenses Water	$ 2,445,609	$ 1,739,750	$ 1,425,000	$ 2,349,700	$ 1,436,500	$ 953,200	$ 10,349,759
	Capital Expenses Sanitary	$ 1,260,950	$ 2,449,750	$ 515,000	$ 346,000	$ 576,500	$ 228,200	$ 5,376,400
	Capital Expenses Storm	$ 1,080,485	$ 1,145,250	$ 145,000	$ 162,500	$ 55,000	$ 62,100	$ 2,650,335
	Total Capital and Utility Funds from Yearly Sheets:	$ 17,781,323	$ 10,354,662	$ 12,972,825	$ 6,619,575	$ 6,022,375	$ 4,419,675	$ 58,170,435
	Check Sum this page Total Expenses:	$(17,781,323)	$(10,354,662)	$(12,972,825)	$ (6,619,575)	$ (6,022,375)	$ (4,419,675)	$(58,170,435)
		2018	2019	2020	2021	2022	2023	6-Year
	Total Capital Expenses Fire/EMS, Capital Projects and Debt Service	$ 12,994,279	$ 5,019,912	$ 10,887,825	$ 3,761,375	$ 3,954,375	$ 3,176,175	$ 39,793,941
	Programmed Reimbursements Capital Project and Sale Notes/Bonds from yearly reports	$ 8,481,517	$ 1,418,750	$ 2,689,500	$ 238,500	$ 1,350,000	$ -	$ 14,178,267
	Net Capital Expenses Fire/EMS, Capital Projects and Debt Service:	$ 4,512,762	$ 3,601,162	$ 8,198,325	$ 3,522,875	$ 2,604,375	$ 3,176,175	$ 25,615,674
								$ -
	Capital Expenses Water	$ 2,445,609	$ 1,739,750	$ 1,425,000	$ 2,349,700	$ 1,436,500	$ 953,200	$ 10,349,759
	Programmed Reimbursements Water from yearly reports	$ 187,725	$ 784,250	$ -	$ -	$ -	$ -	$ 971,975
	Net Expenses Water:	$ 2,257,884	$ 955,500	$ 1,425,000	$ 2,349,700	$ 1,436,500	$ 953,200	$ 9,377,784
								$ -
	Capital Expenses Sanitary	$ 1,260,950	$ 2,449,750	$ 515,000	$ 346,000	$ 576,500	$ 228,200	$ 5,376,400
	Programmed Reimbursements Sanitary from yearly reports	$ -	$ 2,000,000	$ -	$ -	$ -	$ -	$ 2,000,000
	Net Expenses Sanitary:	$ 1,260,950	$ 449,750	$ 515,000	$ 346,000	$ 576,500	$ 228,200	$ 3,376,400
								$ -
	Capital Expenses Storm	$ 1,080,485	$ 1,145,250	$ 145,000	$ 162,500	$ 55,000	$ 62,100	$ 2,650,335
	Programmed Reimbursements Storm from yearly reports	$ 206,700	$ 568,500	$ -	$ -	$ -	$ -	$ 775,200
	Net Expenses Storm:	$ 873,785	$ 576,750	$ 145,000	$ 162,500	$ 55,000	$ 62,100	$ 1,875,135
								$ -
	Net Cost to City All Funds	$ 8,905,381	$ 5,583,162	$ 10,283,325	$ 6,381,075	$ 4,672,375	$ 4,419,675	$ 40,244,993
								$ -
	Net Cost to City All Funds From Yearly Reports	$ 8,905,381	$ 5,583,162	$ 10,283,325	$ 6,381,075	$ 4,672,375	$ 4,419,675	$ 40,244,993

ATTACHMENT #1

City of Kent, Ohio 2018 Capital Plan - Analysis of Water Fund

2018- 2023 BUDGET / 2018 is current year's budget as of 9/19/18, 2019 is TAX Budget - As Adjusted
2019-2023 Assume Water Revenue increase 3% / Operating Expenses +3% compounded annually
Current Debt Service is Known, Capital Outlay is from 2018 Capital Plan Update dtd 10/30/18

Water Fund - F#201

Description	Actual 2013	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
Beginning Balance	**$2,023,428**	**$2,254,687**	**$2,079,386**	**$1,985,881**	**$2,077,902**	**$2,173,324**	**$1,036,165**	**$806,532**	**$44,670**	**($1,472,872)**	**($2,166,642)**
Operating Revenues											
Water Sales	$3,155,184	$3,068,615	$3,338,481	$3,403,008	$3,518,734	$3,673,206	$3,783,403	$3,896,905	$4,013,812	$4,134,226	$4,258,253
Tap-in fees	$31,392	$25,570	$103,594	$27,282	$19,848	$50,000	$25,000	$25,000	$25,000	$25,000	$25,000
Special Assessments	$45,359	$40,015	$46,185	$41,195	$41,597	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000
Cell Tower Rent	$34,393	$35,138	$41,290	$34,135	$37,238	$34,000	$34,000	$34,000	$34,000	$34,000	$34,000
All Other Miscellaneous Revenue and Sale of S	$13,482	$17,078	$8,066	$10,579	$19,454	$24,000	$10,000	$10,000	$10,000	$10,000	$10,000
Sale of Assets	$0	$4,341	$0	$3,326	$225	$2,495	$0	$0	$0	$0	$0
Interest Income	$9,692	$14,036	$11,066	$227	$8	$225	$225	$225	$225	$225	$225
Total Operating Revenue	**$3,289,502**	**$3,204,793**	**$3,548,682**	**$3,519,752**	**$3,637,104**	**$3,823,926**	**$3,892,628**	**$4,006,130**	**$4,123,037**	**$4,243,451**	**$4,367,478**
Operating Expenses											
Plant	$1,383,697	$1,432,429	$1,514,001	$1,510,430	$1,459,705	$1,501,705	$1,546,756	$1,585,425	$1,625,061	$1,665,687	$1,707,329
Utility Distribution	$658,829	$658,249	$656,712	$706,613	$797,148	$821,062	$845,694	$866,837	$888,508	$910,720	$933,488
Administrative Support	$457,773	$505,453	$614,250	$548,697	$557,756	$574,489	$591,723	$606,516	$621,679	$637,221	$653,152
Refunds	$26	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Contingency	$0	$0	$0	$50,000	$0	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000
Transfer to Fund #204 - Utility Billing	$42,115	$40,756	$40,756	$41,418	$43,293	$44,543	$45,879	$47,256	$48,673	$50,134	$51,638
Repay Advance to F#116 - Income Tax	$80,000	$80,000	$80,000	$80,000	$80,000	$80,000	$32,100	$0	$0	$0	$0
Total Operating Expense	**$2,622,440**	**$2,716,887**	**$2,905,719**	**$2,937,158**	**$2,937,902**	**$3,071,799**	**$3,112,153**	**$3,156,034**	**$3,233,921**	**$3,313,762**	**$3,395,607**
Operating Revenue less Expense	**$667,062**	**$487,906**	**$642,963**	**$582,594**	**$699,202**	**$752,127**	**$780,475**	**$850,096**	**$889,116**	**$929,689**	**$971,871**
Debt Service (OWDA Loans P & I)											
Franklin Hills Waterline (to 7/1/2027)	$16,519	$16,519	$16,519	$16,520	$16,519	$16,519	$16,519	$16,519	$16,519	$16,519	$16,519
Kent Ravenna Interconnect (to 12/31/2023)	$34,440	$34,440	$34,440	$34,441	$34,440	$33,289	$33,289	$33,289	$33,289	$33,289	$33,289
Issue II Loan - Erie & Depeyster Streets	$0.00	$0	$0	$2,488	$3,472	$4,800	$4,800	$4,800	$4,800	$4,800	$4,800
OPWC - Valleyview/Morris	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,350	$2,350	$2,350	$2,350
Debt Service-Paint 2 Water Tanks	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0	$0	$0	$0
Total Debt Service	**$50,959**	**$50,959**	**$50,959**	**$53,449**	**$54,431**	**$54,608**	**$54,608**	**$56,958**	**$56,958**	**$56,958**	**$56,958**
NET OPERATING - AFTER DEBT SERVICE	**$616,103**	**$436,947**	**$592,004**	**$529,145**	**$644,771**	**$697,519**	**$725,867**	**$793,138**	**$832,158**	**$872,731**	**$914,913**
Other Funding Sources (Non-operating)											
Capital Grants/Other Intergovtl Revenue	$0	$0	$16,448	$81,504	$106,935	$4,425	$0	$0	$0	$0	$0
OPWC/Other Loans	$46,579	$0	$0	$2,727	$2,532	$183,300	$784,250	$0	$0	$0	$0
Recovery of Prior Year Encumbrances	$0	$155,379	$498,928	$0	$0	$0	$0	$0	$0	$0	$0
From CAP Year Report(s) for 2018 - 2022											
Total Other Funding Sources	**$46,579**	**$155,379**	**$515,376**	**$84,231**	**$109,467**	**$187,725**	**$784,250**	**$0**	**$0**	**$0**	**$0**
Subtotal - Available for Capital	**$662,682**	**$592,326**	**$1,107,380**	**$613,376**	**$754,238**	**$885,244**	**$1,510,117**	**$793,138**	**$832,158**	**$872,731**	**$914,913**
Capital Outlay											
Plant	$490,604	$222,755	$167,051	$657,785	$219,368	$456,740					
Utility Distribution/Admin.	$17,224	$17,500	$31,576	$16,198	$134,931	$203,500					
Capital Facilities/Infrastructure	$115,118	$28,458	$101,772	$420,386	$208,783	$1,785,369					
From CAP Year Report(s) for 2019 - 2023							$1,739,750	$1,555,000	$2,349,700	$1,566,500	$953,200
Total Capital Outlay	**$622,946**	**$268,713**	**$300,399**	**$1,094,369**	**$563,082**	**$2,445,609**	**$1,739,750**	**$1,555,000**	**$2,349,700**	**$1,566,500**	**$953,200**
Recovery of Prior Year Encumbrances	**$346,901**										
Ending Cash Balance	**$2,410,065**	**$2,578,300**	**$2,886,367**	**$2,405,374**	**$2,596,530**	**$1,036,165**	**$806,532**	**$44,670**	**($1,472,872)**	**($2,166,642)**	**($2,204,929)**
Encumbrances	**$155,378**	**$498,914**	**$900,486**	**$327,472**	**$423,206**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Ending Unencumbered Balance	**$2,254,687**	**$2,079,386**	**$1,985,881**	**$2,077,902**	**$2,173,324**	**$1,036,165**	**$806,532**	**$44,670**	**($1,472,872)**	**($2,166,642)**	**($2,204,929)**
Fund Balance Policy Ratio (min. 25%)	84.34%	75.13%	67.17%	69.48%	72.63%	33.14%	25.47%	1.39%	-44.76%	-64.28%	-63.86%

City of Kent, Ohio 2018 Capital Plan - Analysis of Sewer Fund

			2018 - 2023 BUDGET / 2018 is current year's budget as of 9/19/18, 2019 is TAX Budget - As Adjusted								
			2019-2023 Assume Sewer Revenue increase 3% Operating Expenses +3% compounded annually								
Sewer Fund - F#202			Current Debt Service is Known, Capital Outlay is from 2018 Capital Plan Update dtd 10/30/18								
	Actual	**Actual**	**Actual**	**Actual**	**Actual**	**Budget**	**Budget**	**Budget**	**Budget**	**Budget**	**Budget**
Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Beginning Balance	**$2,427,529**	**$2,109,421**	**$2,254,188**	**$2,480,681**	**$2,906,565**	**$1,939,983**	**$1,819,230**	**$1,528,717**	**$1,232,448**	**$1,126,306**	**$811,427**
Operating Revenues											
Sewer fees	$3,951,981	$3,783,836	$4,067,729	$4,119,816	$3,994,712.00	$3,922,008	$4,039,668	$4,160,859	$4,285,684	$4,414,255	$4,546,682
Tap-in fees	$36,141	$13,998	$183,108	$15,329	$14,536	$12,000	$20,000	$20,000	$20,000	$20,000	$20,000
Assessments	$37,762	$31,182	$39,965	$31,385	$32,978	$32,000	$32,000	$32,000	$32,000	$32,000	$32,000
Other - Plumbing and Waste Water Permits, Misc.	$42,006	$73,664	$26,230	$41,064	$33,215	$25,000	$20,000	$20,000	$20,000	$20,000	$20,000
Interest	$9,963	$18,801	$11,577	$29	$8	$25	$25	$25	$25	$25	$25
Total Operating Revenue	**$4,077,853.00**	**$3,921,481.00**	**$4,328,609.00**	**$4,207,623.00**	**$4,075,449.00**	**$3,991,033.24**	**$4,111,693.49**	**$4,232,883.54**	**$4,357,709.30**	**$4,486,279.83**	**$4,618,707.47**
Operating Expenses											
Lab	$264,896	$266,524	$501	$0	$0	$0	$0	$0	$0	$0	$0
Utility Distribution	$629,056	$625,369	$613,545	$719,314	$778,122	$785,903	$809,480	$833,765	$858,778	$884,541	$911,077
Plant	$1,392,023	$1,495,079	$1,682,597	$1,799,915	$1,837,355	$1,855,729	$1,911,400	$1,968,742	$2,027,805	$2,088,639	$2,151,298
Administrative Support	$450,958	$453,587	$615,172	$591,449	$555,274	$571,932	$589,090	$606,763	$624,966	$643,715	$663,026
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	$0	$50,000	$50,000	$50,000	$50,000	$50,000
Transfer to Fund #204 - Utility Billing	$42,115	$40,756	$40,756	$41,418	$43,293	$44,592	$45,930	$47,307	$48,727	$50,188	$51,694
Repay Advance to F#116 - Income Tax	$65,000	$65,000	$65,000	$65,000	$65,000	$65,000	$38,980	$0	$0	$0	$0
Total Operating Expense	**$2,844,048**	**$2,946,315**	**$3,017,571**	**$3,217,096**	**$3,279,044**	**$3,373,156**	**$3,444,880**	**$3,506,577**	**$3,610,275**	**$3,717,083**	**$3,827,096**
Operating Revenue less Expense	**$1,233,805**	**$975,166**	**$1,311,038**	**$990,527**	**$796,405**	**$617,877**	**$666,813**	**$726,306**	**$747,435**	**$769,197**	**$791,612**
Debt Service											
Debt Issuance Expense	$3,299	$2,237	$2,742	$2,629	$2,003	$3,000	$3,000	$3,000	$3,000	$3,000	$3,000
Bond Anticipation Notes (Principal & Interest)	$681,731	$621,150	$560,534	$500,569	$441,525	$386,250	$324,450	$324,450	$324,450	$324,450	$324,450
OWDA/Issue II Loans-Sanitary Swr Imp. (Prin & Int)	$310,227	$310,227	$310,227	$288,174	$298,160	$312,626	$312,626	$312,626	$312,626	$312,626	$312,626
OEPA 20 Yr. Loan - SW Sanitary Pump Station	$0	$0	$0	$0	$0	$0	$122,500	$122,500	$122,500	$122,500	$122,500
Total Debt Service Expense	**$995,257**	**$933,614**	**$873,503**	**$791,372**	**$741,688**	**$701,876**	**$762,576**	**$762,576**	**$762,576**	**$762,576**	**$762,576**
less Debt Refunding-Sale of Notes (w/Premium)	$615,000	$558,602	$498,016	$438,010	$378,150	$315,000	$255,000	$255,000	$255,000	$255,000	$255,000
Net Debt Service Expense	**$380,257**	**$375,012**	**$375,487**	**$353,362**	**$363,538**	**$386,876**	**$507,576**	**$507,576**	**$507,576**	**$507,576**	**$507,576**
NET OPERATING - AFTER DEBT SERVICE	**$853,548**	**$600,154**	**$935,551**	**$637,165**	**$432,867**	**$231,001**	**$159,237**	**$218,730**	**$239,859**	**$261,621**	**$284,036**
Other Funding Sources (Non-operating)											
Capital Grants/Loans/Other Intergovernmental Rev.	$30,202	$0	$16,448	$76,087	$207,702	$0	$2,000,000	$0	$0	$0	$0
Recovery of Prior Year Encumbrances	$178,104	$1,136,359	$270,268	$0	$0	$0	$0	$0	$0	$0	$0
From CAP Year Report(s) for 2019 - 2023	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Other Funding Sources	**$208,306**	**$1,136,359**	**$286,716**	**$76,087**	**$207,702**	**$0**	**$2,000,000**	**$0**	**$0**	**$0**	**$0**
Subtotal - Available for Capital	**$1,061,854**	**$1,736,513**	**$1,222,267**	**$713,252**	**$640,569**	**$231,001**	**$2,159,237**	**$218,730**	**$239,859**	**$261,621**	**$284,036**
Capital Outlay											
Lab	$16,952	$19,088	$0			$14,000					
Utility Distribution/Admin.	$17,225	$17,500	$30,131	$16,198	$206,545	$84,500					
Plant	$160,301	$1,060,241	$223,057	$213,874	$291,441	$405,942					
Capital Facilities/Infrastructure	$5,000	$226,712	$37,385	$166,058	$796,408	$756,508					
From CAP Year Report(s) for 2018 - 2022							$2,449,750	$515,000	$346,000	$576,500	$228,200
Total Capital Outlay	**$199,478**	**$1,323,541**	**$290,573**	**$396,130**	**$1,294,394**	**$1,260,950**	**$2,449,750**	**$515,000**	**$346,000**	**$576,500**	**$228,200**
Ending Cash Balance	**$3,289,905**	**$2,522,393**	**$3,185,882**	**$3,503,004**	**$2,849,179**	**$1,819,230**	**$1,528,717**	**$1,232,448**	**$1,126,306**	**$811,427**	**$867,263**
Encumbrances	**$1,180,484**	$268,205	**$705,201**	**$596,439**	**$909,196**						
Ending Unencumbered Balance	**$2,109,421**	**$2,254,188**	**$2,480,681**	**$2,906,565**	**$1,939,983**	**$1,819,230**	**$1,528,717**	**$1,232,448**	**$1,126,306**	**$811,427**	**$867,263**
Fund Balance Policy Ratio (min. 25%)	65.42%	67.87%	73.11%	81.41%	53.26%	48.38%	38.68%	30.70%	27.35%	19.21%	20.01%

City of Kent, Ohio 2018 Capital Plan - Analysis of Storm Water Fund

2018 - 2023 BUDGET / 2018 is current year's budget as of 9/19/18, 2019 is TAX Budget - As Adjusted
2019 - 2023 Assume Annual Revenue's remain same, Operating Expenses +3% salaries, 2.5% other compounded annually
Current Debt Service is Known, Capital Outlay is from 2018 Capital Plan Update dtd 10/30/18

Storm Water Drainage - F#208	**Actual**	**Actual**	**Actual**	**Actual**	**Actual**	**Budget**	**Budget**	**Budget**	**Budget**	**Budget**	**Budget**
Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Beginning Balance	**$2,521,177**	**$2,548,853**	**$274,657**	**$663,052**	**$1,054,363**	**$1,112,390**	**$776,088**	**$549,760**	**$830,249**	**$1,092,473**	**$1,444,932**
Operating Revenues											
Storm Water Charges	$552,670	$553,936	$565,904	$887,084	$989,962	$989,962	$989,962	$989,962	$989,962	$989,962	$989,962
Special Assessments	$20,963	$20,894	$11,392	$31,292	$63,147	$28,000	$28,000	$28,000	$28,000	$28,000	$28,000
Storm Sewer Tap in fees	$1,200	$1,375	$3,350	$850	$1,450	$1,275	$500	$500	$500	$500	$500
Interest Income	$188	$10	$0	$0	$0	$0	$0	$0	$0	$0	$0
All Other Misc. Revenue	$15,158	$1,994	$61,000	$0	$275	$0	$0	$0	$0	$0	$0
Transfer In From Income Tax - F#116	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Revenues	**$590,179**	**$578,209**	**$641,646**	**$919,226**	**$1,054,834**	**$1,019,237**	**$1,018,462**	**$1,018,462**	**$1,018,462**	**$1,018,462**	**$1,018,462**
Operating Expenses											
Salaries & Fringes	$423,243	$431,178	$450,211	$472,333	$484,914	$500,916	$515,944	$531,422	$547,365	$563,786	$580,699
Other Operating	$29,124	$33,239	$66,731	$40,754	$30,581	$31,346	$32,129	$32,932	$33,756	$34,600	$35,465
Refunds	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Repay Advance to F#116 - Income Tax	$110,000	$110,000	$110,000	$0	$110,000	$110,000	$110,000	$16,000	$0	$0	$0
Total Operating Expenses	**$562,367**	**$574,417**	**$626,942**	**$513,087**	**$625,495**	**$642,262**	**$658,073**	**$580,354**	**$581,120**	**$598,385**	**$616,164**
Operating Revenue less Expense	**$27,812**	**$3,792**	**$14,704**	**$406,139**	**$429,339**	**$376,975**	**$360,389**	**$438,108**	**$437,342**	**$420,077**	**$402,298**
Debt Service (OWDA Loans)											
Repay Issue II Loan(s) - Principal Only - 0% Interest	$4,967	$4,967	$4,967	$4,968	$4,967	$4,968	$4,968	$4,968	$4,968	$4,968	$4,968
Repay Issue II Loan - Area Q Phase V	$0	$0	$0	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000
OPWC - Valleyview/Morris	$0	$0	$0	$0	$0	$0	$0	$2,650	$2,650	$2,650	$2,650
Total Debt Service	**$4,967**	**$4,967**	**$4,967**	**$9,968**	**$9,967**	**$9,968**	**$9,968**	**$12,618**	**$12,618**	**$12,618**	**$12,618**
NET OPERATING - AFTER DEBT SERVICE	**$22,845**	**($1,175)**	**$9,737**	**$396,171**	**$419,372**	**$367,007**	**$350,421**	**$425,490**	**$424,724**	**$407,459**	**$389,680**
Other Funding Sources (Non-operating)											
Issue II Grant(s)	$38,790	$182,014	$406,287	$0	$0	$0	$0	$0	$0	$0	$0
Issue II Loan(s)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Federal Aid	$0	$0	$16,448	$14,100	$146,762	$0	$0	$0	$0	$0	$0
OPWC/Other State Local Aid	$0	$0	$0	$1,448	$0	$206,700	$568,500	$0	$0	$0	$0
Recovery of Prior Year Encumbrances	$280,894	$52,030	$2,083,581	$0	$0	$0	$0	$0	$0	$0	$0
From CAP Year Report(s) for 2018 - 2022	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Other Funding Sources	**$319,684**	**$234,044**	**$2,506,316**	**$15,548**	**$146,762**	**$206,700**	**$568,500**	**$0**	**$0**	**$0**	**$0**
Subtotal - Available for Capital	**$342,529**	**$232,869**	**$2,516,053**	**$411,719**	**$566,134**	**$573,707**	**$918,921**	**$425,490**	**$424,724**	**$407,459**	**$389,680**
Capital Outlay											
Service	$5,000	$2,600	$16,246	$7,090	$154,553	$114,000					
Capital Facilities	$257,824	$420,884	$1,860,777	$273,322	$189,955	$966,485	$0	$0	$0	$0	$0
From CAP Year Report(s) for 2019 - 2023				$0			$1,145,250	$145,000	$162,500	$55,000	$62,100
Total Capital Outlay	**$262,824**	**$423,484**	**$1,860,777**	**$280,412**	**$344,508**	**$1,080,485**	**$1,145,250**	**$145,000**	**$162,500**	**$55,000**	**$62,100**
Ending Cash Balance	**$2,600,882**	**$2,358,238**	**$929,933**	**$1,061,240**	**$1,282,866**	**$776,088**	**$549,760**	**$830,249**	**$1,092,473**	**$1,444,932**	**$1,772,512**
Encumbrances	**$52,029**	**$2,083,581**	$266,881	**$6,877**	**$170,476**						
Ending Unencumbered Balance	**$2,548,853**	**$274,657**	**$663,052**	**$1,054,363**	**$1,112,390**	**$776,088**	**$549,760**	**$830,249**	**$1,092,473**	**$1,444,932**	**$1,772,512**
Personnel & Fringe Expenses negated		**$431,178**	**$450,211**	**$472,333**	**$484,914**	**$500,916**	**$515,944**	**$531,422**	**$547,365**	**$563,786**	**$580,699**
Ending Unencumbered Balance - Adjusted if Personnel & Fringe Expenses		**$705,835**	**$1,113,263**	**$1,526,696**	**$1,597,304**	**$1,277,004**	**$1,065,703**	**$1,361,671**	**$1,639,837**	**$2,008,717**	**$2,353,211**
Fund Balance Policy Ratio (min. 25%)	449.27%	47.41%	104.93%	201.58%	175.05%	118.99%	82.29%	140.01%	184.00%	236.49%	281.90%

ATTACHMENT #1

CITY OF KENT, OHIO 2018 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 2013 through 2017 and Budgeted for Fiscal Years 2018 through 2023

Major Governmental Funds

Descripton	Actual 2013	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Budget 2018	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023
Beginning Combined Funds Balance	8,294,697	10,236,205	11,027,636	11,473,366	12,275,824	13,489,396	10,091,728	7,179,343	(837,749)	(4,684,239)	(7,770,243)
Operating Revenues											
Property and other taxes	1,797,028	1,967,170	2,011,593	2,198,302	2,074,420	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
* Income Taxes	12,364,063	14,732,950	16,406,396	15,898,251	16,523,087	16,128,000	16,400,000	16,700,000	17,000,000	17,200,000	17,200,000
JEDD Taxes	619,681	559,744	512,375	549,301	631,805	550,000	550,000	550,000	550,000	550,000	550,000
Fees, licenses and permits	191,853	151,876	267,194	146,020	176,029	150,000	150,000	150,000	150,000	150,000	150,000
Intergovernmental	1,714,896	1,692,579	1,696,593	1,816,956	1,696,929	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000
Estate Taxes	172,165	1,020	104,600	-	72,962	-	-	-	-	-	-
Grants (Non-capital)	31,969	66,563	109,525	87,838	367,919	75,000	75,000	75,000	75,000	75,000	75,000
Charges for services	1,699,269	1,367,068	1,533,692	1,652,764	1,780,311	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
Fines and forfeits	205,343	195,893	261,055	279,696	323,441	250,000	250,000	250,000	250,000	250,000	250,000
Special assessments	130,704	115,235	83,114	80,492	165,222	80,000	80,000	80,000	80,000	80,000	80,000
Proceeds from sale of assets	15,396	23,104	2,406,860	15,087	437,704	4,000	4,000	4,000	4,000	4,000	4,000
Interest	127,397	188,207	307,867	367,729	452,212	400,000	400,000	400,000	400,000	400,000	400,000
Managed Reserve Contribution (from interest)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)	(25,540)
Miscellaneous	464,038	280,355	432,318	248,686	706,636	100,000	100,000	100,000	100,000	100,000	100,000
Advance/Transfer to other funds (net)	(176,947)	(1,514,948)	(1,459,371)	(2,172,352)	(1,752,562)	(1,623,837)	(1,719,979)	(1,907,281)	(1,923,281)	(1,923,281)	(1,923,281)
Total Revenues	**19,331,315**	**19,801,276**	**24,648,271**	**21,143,230**	**23,630,575**	**21,187,623**	**21,363,481**	**21,476,179**	**21,760,179**	**21,960,179**	**21,960,179**
Operating Expenses											
Security of persons and property	10,143,720	10,307,463	10,792,723	10,703,603	11,241,683	11,578,933	11,926,301	12,284,091	12,652,613	13,032,192	13,423,157
Public health and welfare	482,056	325,515	399,240	470,150	491,010	505,740	520,913	536,540	552,636	569,215	586,292
Community development	1,564,462	1,389,790	1,307,711	1,632,815	2,237,958	2,305,097	2,374,250	2,445,477	2,518,841	2,594,407	2,672,239
Transportation	1,542,365	2,087,405	1,709,003	2,422,660	2,286,158	2,354,743	2,425,385	2,498,147	2,573,091	2,650,284	2,729,792
General government	2,918,970	3,166,729	3,520,138	3,266,439	3,231,083	3,328,015	3,427,856	3,530,692	3,636,612	3,745,711	3,858,082
Total Expenses	**16,651,573**	**17,276,902**	**17,728,815**	**18,495,667**	**19,487,892**	**20,072,529**	**20,674,705**	**21,294,946**	**21,933,794**	**22,591,808**	**23,269,562**
Operating Revenues less Expenses	**2,679,742**	**2,524,374**	**6,919,456**	**2,647,563**	**4,142,683**	**1,115,094**	**688,776**	**181,233**	**(173,615)**	**(631,629)**	**(1,309,383)**
***Adjustment for Charter Required Capital**	**(2,998,725)**	**(3,173,117)**	**(3,527,560)**	**(3,430,965)**	**(3,565,396)**	**(3,350,000)**	**(3,250,000)**	**(3,300,000)**	**(3,350,000)**	**(3,400,000)**	**(3,450,000)**
Other Funding Sources/Uses											
Proceeds from sale of notes/bonds	1,957,481	1,728,434	1,272,914	1,016,989	766,384	510,000	255,000	-	-	-	-
Debt service and issuance costs	(2,248,183)	(1,971,626)	(1,698,710)	(1,305,112)	(1,048,860)	(1,051,532)	(568,762)	(293,925)	(26,975)	(26,975)	(26,975)
OPWC Debt Svc-S.Chestnut/Middlebury	-	-	-	-	-	-	-	-	-	-	-
Capital grants	2,972,613	926,221	446,177	4,150,216	5,459,806	7,971,517	1,163,750	2,689,500	238,500	1,350,000	-
Net - Other Funding Sources/Uses	**2,681,911**	**683,029**	**20,381**	**3,862,093**	**5,177,330**	**7,429,985**	**849,988**	**2,395,575**	**211,525**	**1,323,025**	**(26,975)**
Available for Capital Outlay	**5,361,653**	**3,207,403**	**6,939,837**	**6,509,656**	**9,320,013**	**8,545,079**	**1,538,764**	**2,576,808**	**37,910**	**691,396**	**(1,336,358)**
Capital Outlay	**4,918,140**	**2,663,258**	**2,767,272**	**5,707,198**	**8,426,493**	**11,942,747**	**4,451,150**	**10,593,900**	**3,884,400**	**3,777,400**	**3,149,200**
Revenues/Sources minus Expenditures/Uses	**443,513**	**544,145**	**4,172,565**	**802,458**	**893,520**	**(3,397,668)**	**(2,912,386)**	**(8,017,092)**	**(3,846,490)**	**(3,086,004)**	**(4,485,558)**
Recovery of prior year encumbrances	1,497,995	247,286	(1,336,835)	-	320,052	-	-	-	-	-	-
Reserve for Sale of City Offices			(2,390,000)	-	-	-	-	-	-	-	-
Combined Funds Balance - January 1	8,294,697	10,236,205	11,027,636	11,473,366	12,275,824	13,489,396	10,091,728	7,179,343	(837,749)	(4,684,239)	(7,770,243)
Combined Funds Balance - December 31	**10,236,205**	**11,027,636**	**11,473,366**	**12,275,824**	**13,489,396**	**10,091,728**	**7,179,343**	**(837,749)**	**(4,684,239)**	**(7,770,243)**	**(12,255,801)**
Change in Combined Funds Balance	**1,941,508**	**791,431**	**445,730**	**802,458**	**1,213,572**	**(3,397,668)**	**(2,912,386)**	**(8,017,092)**	**(3,846,490)**	**(3,086,004)**	**(4,485,558)**
Managed Reserve Balance	**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**	**2,532,208**
Fund Balance Policy Ratio (min. 17%)	49.33%	48.16%	49.56%	48.03%	46.69%	29.45%	27.00%	-9.41%	-32.07%	-43.37%	-63.92%

Utility Rate Stabilization Plans: 2019 Plans Update

October 16, 2018

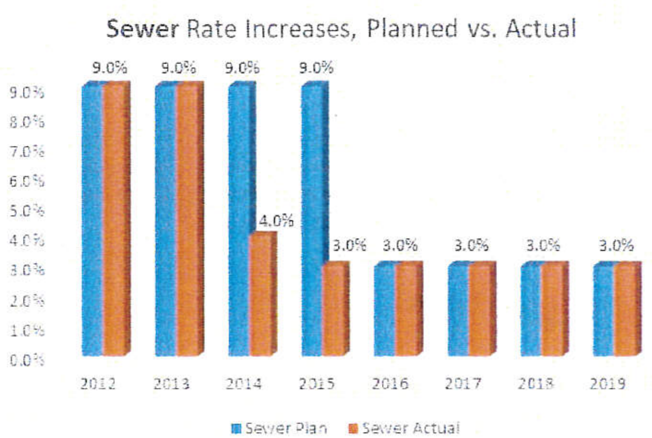
Council approved the multi-year rate stabilization plans for the water and sewer funds in 2011. The approved rate plans included 4 years of 9% rate increases to "catch-up" with deferred maintenance and capital costs, followed by 3% rate increases in the out years of the plan to keep pace with inflation.

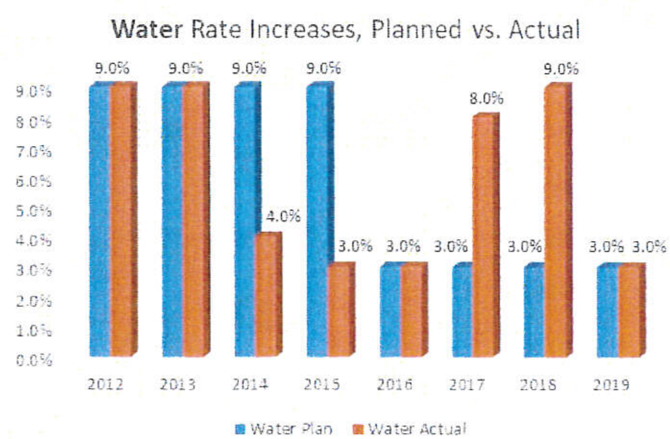
From the outset, the staff committed to pursuing grants, cost savings opportunities, and to make plan modifications in order to provide rate relief whenever possible while still honoring the intent of the plans to ensure the necessary re-investment in the City's water and sewer infrastructure.

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

	2012	2013	2014	2015	2016	2017	2018	2019
Sewer Plan	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%
Sewer Actual	9.0%	9.0%	4.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Difference	0.0%	0.0%	5.0%	6.0%	0.0%	0.0%	0.0%	0.0%
Water Plan	9.0%	9.0%	9.0%	9.0%	3.0%	3.0%	3.0%	3.0%
Water Actual	9.0%	9.0%	4.0%	3.0%	3.0%	8.0%	9.0%	3.0%
Difference	0.0%	0.0%	5.0%	6.0%	0.0%	-5.0%	-6.0%	0.0%



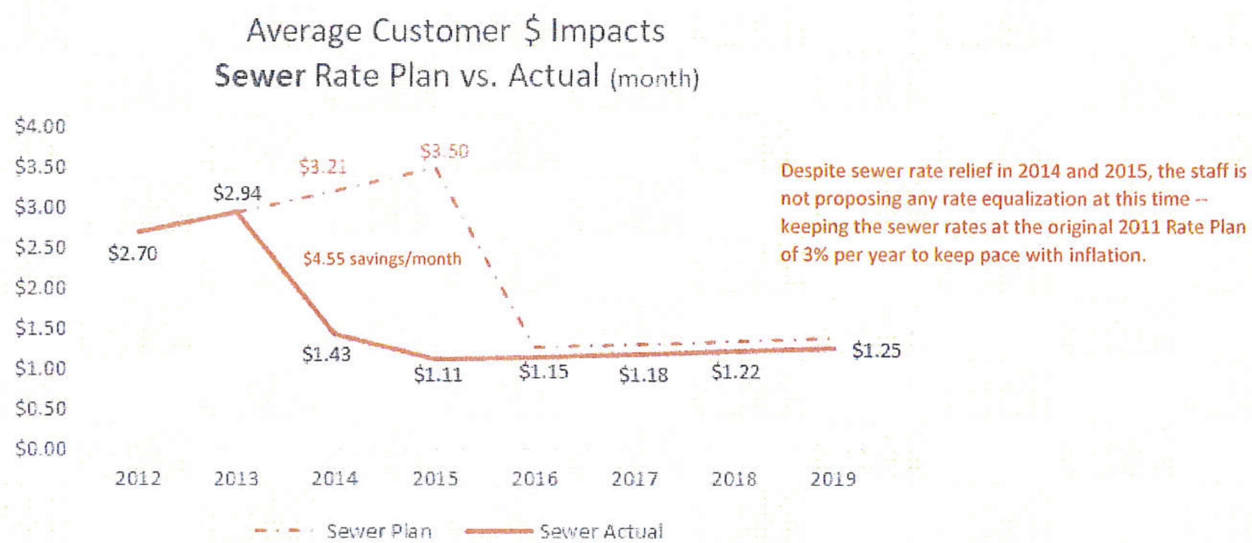


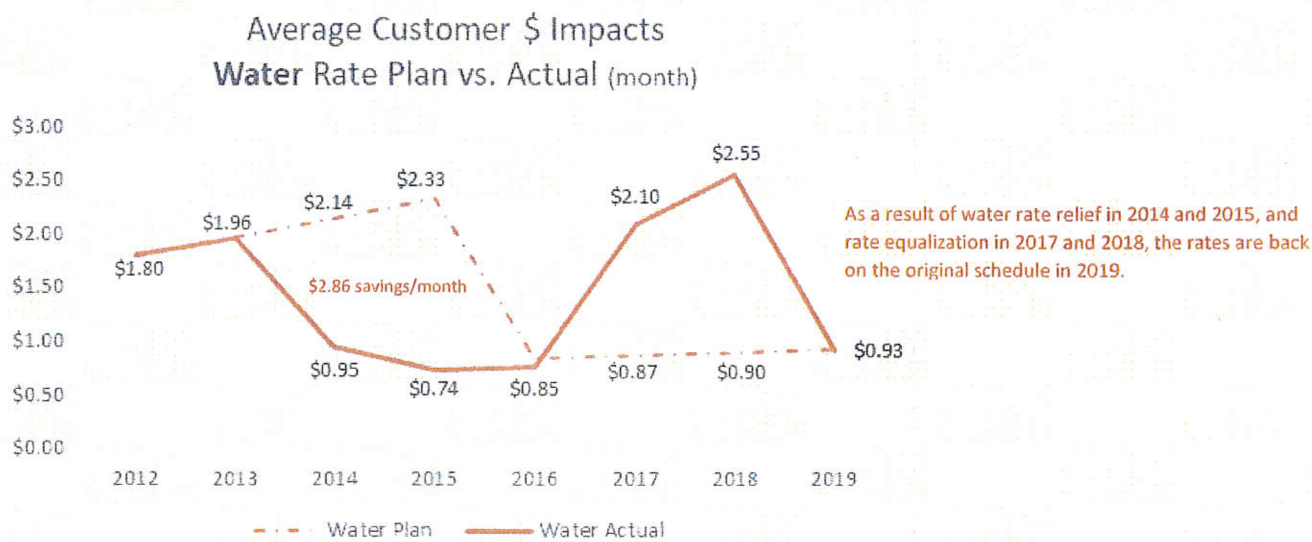
Average Customer Monthly Water and Sewer Bills

(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	2019	Total
Sewer Plan	$2.70	$ 2.94	$ 3.21	$ 3.50	$ 1.27	$ 1.31	$ 1.35	$ 1.39	$16.27
Sewer Actual	$2.70	$ 2.94	$ 1.43	$ 1.11	$ 1.15	$ 1.18	$ 1.22	$ 1.25	$11.72
Difference	$0.00	$0.00	$1.78	$2.38	$0.13	$0.13	$0.13	$0.13	$4.55
Water Plan	$1.80	$ 1.96	$ 2.14	$ 2.33	$ 0.85	$ 0.87	$ 0.90	$ 0.93	$11.78
Water Actual	$1.80	$ 1.96	$ 0.95	$ 0.74	$ 0.76	$ 2.10	$ 2.55	$ 0.93	$11.79
Difference	$0.00	$0.00	$1.19	$1.59	$0.08	-$1.23	-$1.65	$0.00	-$0.01

Customer Rate Relief Period (2014–2016) *Customer Rate Equalization* (2017–2018)





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.

ATTACHMENT #2

Utility Rate Stabilization Plans: 2019 Plans Update

October 16, 2018

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.

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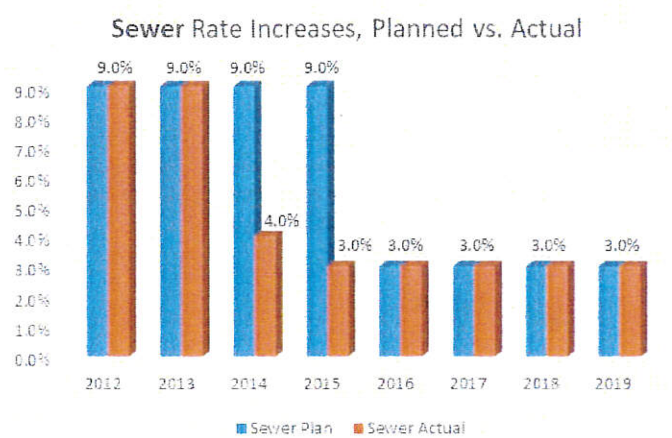

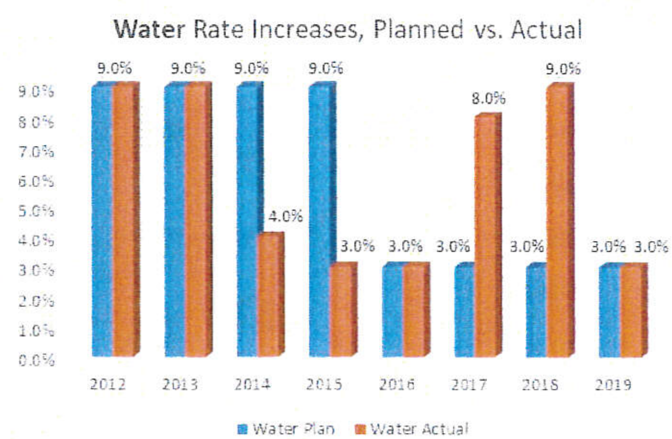

ATTACHMENT #2

Average Customer Monthly Water and Sewer Bills

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

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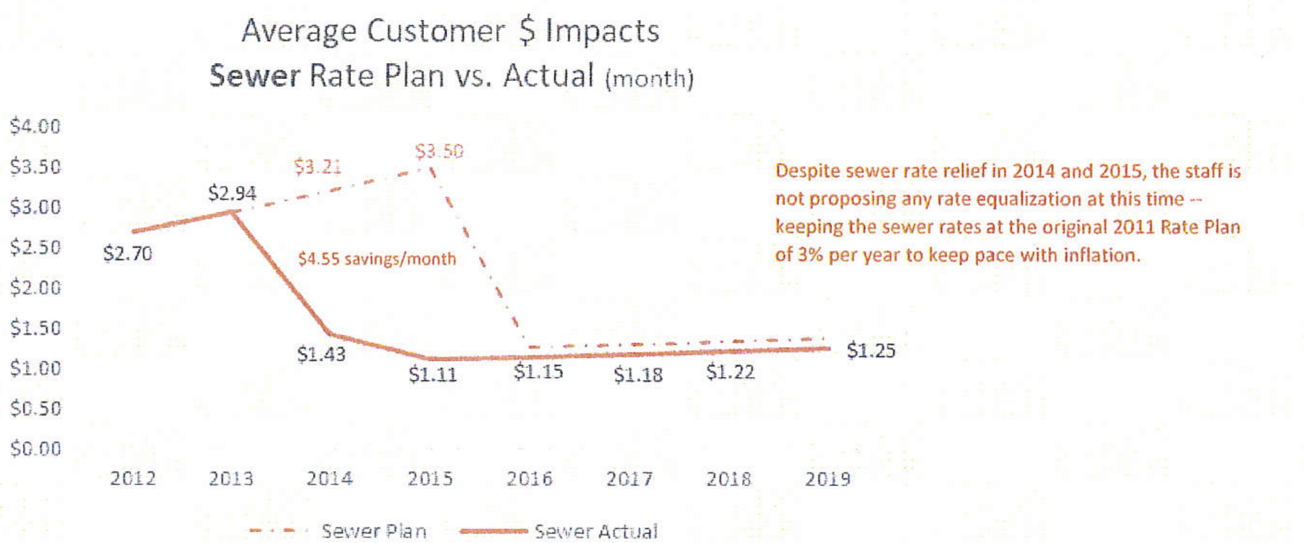
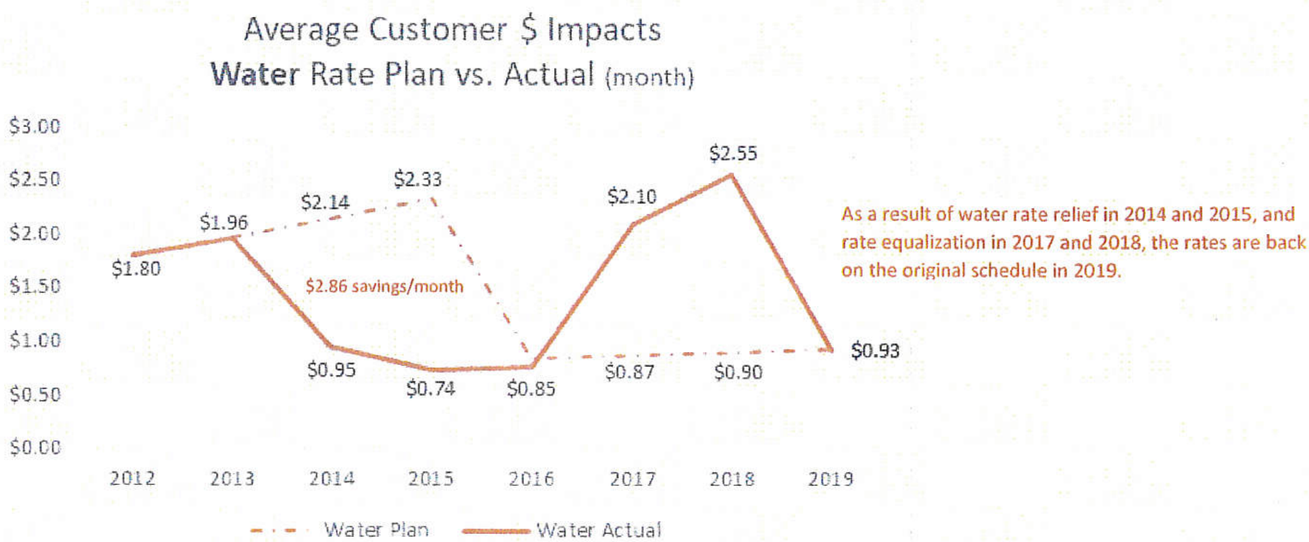




Even with the rate recovery increases proposed for the water fund of 8% in 2017 and 9% in 2018, the City's utility customers will be paying an average of $4.50 less per month, or around $54 less per year, than what they would have been paying based on the original 2011 rate plan.

THE CITY OF KENT, OHIO
FINANCE COMMITTEE
WEDNESDAY, NOVEMBER 7, 2018

Chair Michael DeLeone called the meeting of the Finance Committee of Kent City Council to order at 8:02 p.m.

PRESENT:	Mr. Jack Amrhein; Mr. Michael DeLeone; Mr. Garret Ferrara; Mr. John Kuhar; Ms. Gwen Rosenberg; Mr. Roger Sidoti; Mr. Robin Turner; and Ms. Tracy Wallach
ALSO PRESENT:	Mr. Dave Ruller, City Manager; Ms. Hope Jones, Law Director; Mr. Jim Bowling, City Engineer; Ms. Melanie Baker, Public Service Director; Ms. Bridget Susel, Community Development Director; Mr. David Coffee, Budget and Finance Director; Mr. Tom Wilke, Economic Development Director; and Ms. Tara Grimm, MMC, Clerk of Council
ABSENT:	Ms. Heidi Shaffer and Mr. Jerry T. Fiala, Mayor and President of Council

There were three (3) items on the Agenda.

Mr. Ruller suggested we let Item #2, Main Street Kent, go first.

Mr. DeLeone referred to Mr. Amrhein, President Pro-Tem, who stated “its fine.”

2. Authorize the Main Street Kent Contract Renewal

Mr. Ruller commented on, as stated in his City Manager’s Communication, how based on the continued expanded role of Main Street Kent and their far exceeding our expectations, as well as the economic impact of Main Street events for Kent businesses, Mr. Coffee and staff met numerous times and have agreed to raise the City’s matching contribution from $60,000 a year up to $70,000. This proposed increase would restore $10,000 of the $15,000 that was previously cut from the Main Street contract, which is still less than when we started and we will absorb the increase in our Community Development budget. Otherwise, the contract remains the same. He then referred to Ms. Susel

Ms. Susel’s October 29, 2018 Memo to the City Manager stated:

> *The current agreement between Main Street Kent and the City is scheduled to expire on December 31, 2018 so representatives from the Main Street Kent Executive Committee and the City administration met to discuss proposed funding levels and terms for the next agreement.*
>
> *Over the last three years, Main Street Kent has expanded its offerings at established events and added several new event concepts that have garnered significant interest from people who reside outside of the City. These efforts have resulted in a significant number of visitors traveling to Kent, which in tum, has generated a marked increase in sales and profits for many of the downtown businesses.*
>
> *Based on these successes and the expectation that such results will continue in the foreseeable future, staff is recommending Council consider continuing its partnership with Main Street Kent by authorizing a new agreement for $70,000.00 in annual support for a two-year period, with an option for a one year extension.*

Ms. Susel explained the 1st set of contracts was linked to the revenue, so there was a great deal of time spent by staff reconciling it. This is the 2nd cycle under a set flat-rate making this an easier contract to work with from her administrator standpoint. She has reviewed the financial reports and quarterly summaries of Main Street Kent. Revenue and event attendance has gone up exponentially. The additional $10,000 is money well spent in regard to the return on investment.

Ms. Wallach asked about the formula when we first started where the City chipped in a 1/3 and is a flat rate now?

Ms. Susel stated the cycle is ending now, it was a 2 year with a 1 year extension; it has been a flat rate for 3 years. She has reconciled to this dollar amount and has viewed the 990's. It is easier to document, identify, and reconcile and that is why they moved away from the 1/3 model.

Ms. Wallach thought the goal was to wean them off of so much of the City's help.

Ms. Susel added how no one anticipated the scope or volume of the events and the attendance at events. Many downtown businesses report they have had their highest sales during an event. She and Mr. Wilke get nervous when they see a business' doorway go dark. An event is sometimes the first clue to come to Kent and they see something they like and come back. This is money well spent.

Mr. Sidoti asked if there is anything in the big Main Street national rules for flat rates.

Ms. Susel continued how there are different models and communities and Main Streets have to find what works for them. One model can't be applied to all. She, Mr. Ruller and Mr. Coffee are all extremely comfortable with this model and the performance.

Mr. Sidoti added how we are leveraging the $70,000 by increasing business and income tax revenue, is that correct?

Ms. Susel stated he was correct and reiterated this is a 2 year contract with a 1 year renewal and we are not locked in to something that is too long term. This year's income tax receipts have seen a downturn and we don't want to commit ourselves to something we may not be able to uphold 3 years from now.

Mr. Kuhar asked if we have any figures that would be in proportionate with the $70,000.

Ms. Susel replied yes, then provided the 2017 revenue and expense sheet which is based on the $60,000 to the Clerk to pass down the table to Council.

Mr. Kuhar asked if Ms. Susel could verify the difference in City income comes in because of Main Street's additions.

Ms. Susel stated unfortunately that is too many degrees removed, then discussed the food establishments requiring extra staff during events, the increase in income tax revenue, which all makes a difference in the City's bottom line. The whole City benefits, not just the bricks and mortar. We need to encourage events to draw customers and if properties are managed well, then they will be successful.

Mr. Kuhar was concerned about the whole City benefiting from the efforts of Main Street Kent.

Ms. Susel continued how the businesses have to keep employees, which does make a difference in income tax revenue bottom line. We need to keep events bringing people into downtown to keep it thriving.

Ms. Rosenberg questioned if the number of volunteer hours has increased over the number of years we have had Main Street Kent.

Ms. Susel replied how Heather of Main Street Kent could speak to this, but she can definitely see an increase in not only the attendance of the events, but the footprint and labor involved by the volunteers.

Ms. Rosenberg added how community participations through volunteerism has exponentially increased.

Ms. Susel replied "Agreed. Yes."

Mr. Ferrara asked what a ballpark figure would cost for the City to try to do the same things and the number of employees it would take versus the cost of putting $70,000 towards all this.

Ms. Susel responded how she couldn't give a number but it would definitely be more. At time and a half for a union worker to block streets, run the events, etc. we do not have the staff nor the financial resources to put the events on at the scope and scale Main Street Kent does.

Mr. Ruller estimated the volunteer hours being a big number. People don't volunteer for City run events, but will for community based ones. It would run at least $250,000 and not at the scale they do.

Mr. Ferrara added so it's the equivalent of multiple full-time employees.

Council nor the audience had any further questions.

MOTION TO AUTHORIZE THE MAIN STREET KENT CONTRACT RENEWAL WITH AN EMERGENCY CLAUSE made by Mr. Ferrara, seconded by Mr. Sidoti.

Mr., Ferrara added how it gets better and better and more professional each year, which is a testament to Main Street Kent's leadership, volunteers and citizens. It is a small price for the amount of return we are getting.

Mr. Sidoti believes that if Main Street didn't continue to have these activities that bring people into town, there would be so many downtimes for businesses, chances are they would have to lay off employees. It is a great return on investment for the whole community and Main Street Kent has become a part of the fabric of this community.

Ms. Rosenberg referred back to the volunteers and the residents not only being event attendees but also volunteering; it is a tremendous network and outpouring of confidence and support that lend to the quality of life living here and is indicative of the residents supporting Main Street Kent, who have done a phenomenal job. She recalls it being thousands of volunteer hours of hard work, then attending the events as well. It provides a great network and sense of community which has a tremendous value that is difficult to articulate in dollar signs.

Mr. Kuhar remembers being adamantly opposed to Main street Kent when it first started because it wasn't operating very well. The change in leadership has been the key to their success; they do a tremendous job. He feels this is a good solid investment for the City.

MOTION CARRIED by a voice vote of 8-0.

1. Authorize the Proposed 2019 Capital Plan

Mr. Ruller stated a lot of time goes into putting this document together and there is never enough money. There is a triage of prioritized items, leverage grants, etc. This is a multi-year plan ***(See Attachment #1***). It is also a credit to the community that we have a 25% Charter requirement which is a commitment to funding capital projects. We are a small City, not rich, but get great results because we are a strategic team. Council adopts a 5 year plan but only appropriates 1 year, so don't feel we are locked in. The out years are flexible. He mentioned the stabilized rate plans as a testament to Council's foresight back then. Mr. Ruller then referred to Mr. Coffee.

Mr. Coffee stated if they were pleased with Mr. Bowling's presentation, public safety, fire and police this past year, he hopes Council would be pleased with the proposed plans in front of them. There are 51 funded projects in the volume of the document and he is not going to go through each and every one of them, but would answer any questions Council may have on them. The first thing done is to true up the current fiscal year within the plan. The 2018 spreadsheets on the projects is up to the present time for the 2018 expense plan for capital. Our income tax is off from projected levels this year. We brought that down to $3,350,000 as seen on page 5 of 5 for 2018. It put us a little bit above Charter requirements for actual planned dollar expenditures, which does not present much of a problem. The general fund has adequate reserves. Re-appropriations were a little over $1,013,807 from previous projects so it adds to the “spend down” of the fund balance for the current year.

Ms. Wallach presented a question as requested by Ms. Shaffer. She thought Council appropriated $10,000 each year and it seems to drop down, then referred to 2018’s page 1 of 5 and tree damaged sidewalks.

Mr. Coffee stated Council appropriated $5,000 each year and we re-appropriate the additional for a total of $10,000.

Ms. Wallach thought this was also for the single repairs, not just tree damaged repairs.

Mr. Bowling believes this was a 2016 Council action. He clarified that no matter what the cause of the sidewalk damage, the Code still states property owners are responsible. With some of our larger projects, we have been able to fix small projects which are reimbursed by the City.

Mr. Coffee continued on how that money was re-appropriated and just because it is not expended, it is not lost. It accrues if it is not expensed. Council’s commitment remains steady. 2019 reflects the staff’s commitment to the same aggressive level and will be maintained coinciding with Council’s expectations for the community. He referenced the planning and design for the new City Administration Building and the $600,000 which will have a net-zero impact on the fund balance because the proceeds of the sale of the former building we reserved. We will be slightly over our Charter requirement, which we are obligated to fund each year, by $350,000.

Mr. Sidoti asked if the 25% is the minimum, and over the last 5 years, if the extra monies allocated brings us closer to 26 or 27%.

Mr. Coffee replied it is difficult to average because the projects are volatile.

Mr. Sidoti stated this is a good story for the community and shows our due diligence to be able to extend more than the 25% Charter requirement.

Mr. Coffee agreed then continued with 2020 and a special note on page 1 of 3. There is a line item, really a place holder, of the projected $5.7 million for the New City Administration Building. Funding is $1.5 million with the residual proceeds which leaves a fairly large gap; we need to finish the process, scope out the work and receive a detailed cost estimate from the architect. The 2020 fund balance does not have any debt yet related to the City Administration Building project.

Mr. Coffee then spoke about the enterprise funds (water, sewer and storm water) and the water fund’s difficulties. He discussed the 2018 & 2017 rate increase of 8% & 9% but a revenue increase of 3.4%. In 2016 we had a 3% rate increase and a revenue increase of only 1.9%. The fundamental explanation is that billable consumption is on a steady decline and residents’ conservation measures are paying off. A rate increase is not adequate to fund. We are discussing a multi-faceted approach to work smarter. There are discussions with Mr. Bowling regarding not using all of our water tanks; reducing well field development to cut expenses. The data is important and we need more meaningful and reliable data to further discuss; train staff on new enhanced equipment, identify the weak spots and deal with an aging infrastructure.

Mr. Kuhar added how raising water rates would punish residents for their conservations efforts. We added new energy efficient equipment to the water plant; where’s the big expense not recuperating in income.

Mr. Coffee pointed out the extra page in their handout that depicts a spreadsheet by fund ***(See Attachment #2)***; the yellow line is the net-operating position. It is consistently positive and healthy, but the tie-breaker is the capital project on the aging infrastructure.

Mr. Kuhar asked when we will get even.

Mr. Ruller interjected that this is not a discussion for tonight, but we will have to make a hard decision sometime soon. With the downward trend, we can't "rate" our way out of it.

Mr. Kuhar thought we could find more customers for our water.

Mr. Coffee agreed, but we are bound and restricted. We would love to have someone like a Kimberly-Clark come in.

Mr. Ruller continued with optimizing a failing system, the hurdles to Mr. Kuhar's suggestions because we are bound by agreements, being water locked what opportunities we have to right-size, and to free up cash. Again, this topic was not to be discussed tonight as this is a "decades' conversation."

Mr. Coffee discussed the other unknown component which is the continuous downward trend of billable consumption eventually reaching a plateau, optimal level and normalize itself; at what point does the community reach a maximum efficiency level?

Mr. Kuhar added about people using waterless urinals and maybe toilets someday.

Mr. Coffee assured Council it is not just Kent, this issue is widespread.

Ms. Wallach asked about when Council made some hard decisions a couple years ago with Gene Roberts in setting the increase rates. How many years did we project for that, and are we out of increases?

Mr. Coffee reminded Council the level is 3% annual increase, we had some initial high increases, and then he referred to the spreadsheet attached to the Capital Plan Mr. Ruller was showing to Ms. Wallach

Mr. Turner asked about the impact and are we inclined to become Cleveland with massive cataclysmic increase in rates. Kent has some of the best water. Do we have the tools to do it? There will be a big "come due" time.

Mr. Coffee is sensitive to rate increases and doesn't want to push any panic buttons at this time, but reassured Council the staff is collectively trying to think outside the box to problem solve. The data and its analysis is crucial.

Mr. Bowling gave an example of how ideally we would like to be replacing 1% of our 100 miles of water line per year, but don't have the funds. Instead of just going forward and doing it, we are looking at and tracking how many water main breaks we are having per year; if the breaks are not increasing, maybe we can wait a little bit and only replace a ½ mile or less. Then as things change, we ramp up our response so there isn't a massive rate increase. We have to look at all facets of how the infrastructure is performing.

Ms. Mary Kenneley of 1123 Elno, Kent asked if the 50 year old water plant is in good shape.

Mr. Coffee replied yes, it is well maintained, retrofitted and runs at or above industry standard efficiency levels.

Council nor the audience had any further questions.

MOTION TO AUTHORIZE THE 2019 CAPITAL PLAN WITH AN EMERGENCY CLAUSE made by Mr. Sidoti, seconded by Mr. Amrhein.

Mr. Sidoti commented how Kent is a unique situation as it is a leader in its environmental consciousness. He compared water to recycling and at some point there is an equilibrium between the cost and our commitment to the environment. That's a tough conversation and do not want to increase water costs, but admire the community for protecting that asset. It will take hard work to find the balance.

Mr. Kuhar questioned if by approving this Capital Plan as-is, we are not approving a rate increase at this time.

Mr. Coffee reminded Council of the proposed 3% rate increase that coincides, which is presented later and then the Capital Plan would have to be revised and funding re-evaluated. Traditionally we do this in the billing period the following year.

MOTION CARRIED by a voice vote of 8-0.

3. 2018 Budget Appropriations Amendment
Mr. Coffee referred to his Memo to the City Manager dated August 29, 2018, with attachments, outlining the requested budget appropriations.

Council nor the audience had questions.

MOTION TO AUTHORIZE THE 2018 PROPOSED APPROPRIATIONS AMENDMENT AS SUBMITTED WITH AN EMERGENCY CLAUSE made by Mr. Amrhein, seconded by Ms. Wallach, and CARRIED by a voice vote of 8-0.

Chair DeLeone adjourned the meeting at 9:02 p.m.

____
Tara Grimm, MMC
Clerk of Council

ACTION RECOMMENDED:

1) **AUTHORIZE THE MAIN STREET KENT CONTRACT RENEWAL WITH AN EMERGENCY CLAUSE**
2) **AUTHORIZE THE 2019 CAPITAL PLAN WITH AN EMERGENCY CLAUSE**
3) **AUTHORIZE THE 2018 PROPOSED APPROPRIATIONS AMENDMENT AS SUBMITTED WITH AN EMERGENCY CLAUSE**

THE CITY OF KENT, OHIO
HEALTH & SAFETY COMMITTEE
WEDNESDAY, NOVEMBER 7, 2018

Chair Jack Amrhein called the meeting of the Health & Safety Committee of Kent City Council to order at 9:02 p.m.

PRESENT:	Mr. Jack Amrhein; Mr. Michael DeLeone; Mr. Garret Ferrara; Mr. John Kuhar; Ms. Gwen Rosenberg; Mr. Roger Sidoti; Mr. Robin Turner; and Ms. Tracy Wallach
ALSO PRESENT:	Mr. Dave Ruller, City Manager; Ms. Hope Jones, Law Director; Mr. Jim Bowling, City Engineer; Ms. Melanie Baker, Public Service Director; Ms. Bridget Susel, Community Development Director; Mr. David Coffee, Budget and Finance Director; Mr. Tom Wilke, Economic Development Director; and Ms. Tara Grimm, MMC, Clerk of Council
ABSENT:	Ms. Heidi Shaffer and Mr. Jerry T. Fiala, Mayor and President of Council

There were two (2) items on the Agenda.

1. <u>Review the City Regulations Regarding Leaves Being Raked into Public Right-of-Ways</u>
Mr. Ruller referred to Ms. Jones who explained the proposed language change is to make the Code clearer and enforceable. It is similar to our snow ordinance. It is not considered a crime by as a public nuisance and will be a civil offense like snow. She mentioned the use of the leaf vac truck and how Ms. Susel could speak to it.

Ms. Mary Kenneley of 1123 Elno Ave., Kent expressed her concerns about the leaves swept into the streets and has seen the leaf vac truck in the area. She has also seen where cars are parked in the way for the leaf vac truck. She also stated she cited several codes which are criminally published offenses that were in her packets that were provided to Council on 2 separate occasions, which were requested to be scanned in by the Clerk and disseminated via email to Council and administration.

Ms. Jones clarified that this ordinance is not about the cars, it is about the leaves being swept and deposited in the street.

Ms. Kenneley commented that people do not know what a “gutter” is and this was not solving the problem.

Ms. Jones stated “gutter, street or other public right of way” is pretty broad.

Ms. Wallach asked what the consequence was for leaves being swept into the street.

Mr. Amrhein called a POINT OF ORDER for no commenting from the audience without being called upon.

Ms. Susel clarified we updated our civil offense code. Code Enforcement gives a 10 day warning and a $100 fine after, then the fine goes up to $200 and all the way up to $1,500 which can then be certified to the property. This is more enforceable as criminal fines do not remedy the problem and find financial punitive actions to be beneficial.

Ms. Wallach repeated “so they will be charged a fine?”

Ms. Susel replied “Absolutely.”

Mr. Ferrara questioned the 10 day warning, the safety issue created and if there could be immediate action v. 10 days.

Ms. Susel stated the warning is to allow 10 days to fix the issue. They hang tags on the household citing the Code they are in violation of. It is a civil warning, then if not corrected, it is a civil infraction with a $100 fine. The homeowner also receives a letter. Ms. Susel further clarified that they have only ever received a couple of calls on the nature of this complaint. Criminal penalties will take longer to impose and will not correct the issue. Most people immediately comply when they receive their warning. Criminal penalties is another layer of complication to enforcement.

Mr. Ferrara again questioned why the civil offense can't be immediately remediated v. the 10 day warning.

Ms. Susel and Ms. Jones both commented due process and appeals.

Mr. Ruller added that this was also discussed with Chief Lee and there has to be a much higher standard to prove criminal, such as catching them raking the leaves into the street.

Mr. Ferrara accepted it should be civil, but was just asking if it could be a shorter process.

Ms. Susel stated there has to be reasonable doubt for things in their zoning code, but preponderance of evidence is much easier, which is what a civil enforcement action is.

There were no further questions or discussion from Council or the audience.

MOTION TO AUTHORIZE ENACTING SECTION 521.18 TITLED "SWEEPING LEAVES AND GRASS INTO GUTTERS PROHIBITED" IN THE KENT CITY CODIFIED ORDINANCES WITH AN EMERGENCY CLAUSE made by Mr. Ferrara, second by Ms. Rosenberg. MOTION CARRIED by a voice vote of 8-0.

2. Approve City/KSU Lighting Agreement

Mr. Ruller explained how staff and Kent State staff are considering a new agreement to split the costs for the installation and maintenance of new street lights on the pedestrian esplanade at the Lincoln and Willow crossings. He then referred to Mr. Bowling.

Mr. Bowling commented "Ditto" to Mr. Ruller's explanation and how it would be a cost-effective method to extend the Kent State lighting circuits.

Ms. Wallach questions if the hits were on Lincoln, Willow or both because previously we discussed stop signs, but research didn't support them.

Mr. Bowling stated Lincoln. Stop signs would start causing backups.

MOTION TO APPROVE THE CITY/KSU LIGHTING AGREEMENT WITH AN EMERGENCY CLAUSE made by Mr. Kuhar, second by Mr. Sidoti.

MOTION CARRIED by a voice vote of 8-0.

Chair Amrhein announced there was no longer a need for the advertised Executive Session.

Hearing no further business before this Committee, Chair Amrhein adjourned the meeting at 9:17 p.m.

____

Tara Grimm, MMC
Clerk of Council

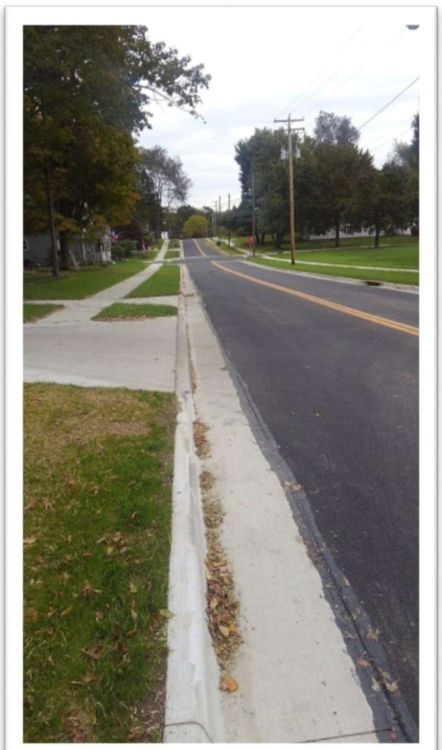
ACTION RECOMMENDED:

1) **AUTHORIZE ENACTING SECTION 521.18 TITLED "SWEEPING LEAVES AND GRASS INTO GUTTERS PROHIBITED" IN THE KENT CITY CODIFIED ORDINANCES WITH AN EMERGENCY CLAUSE**
2) **APPROVE THE CITY/KSU LIGHTING AGREEMENT WITH AN EMERGENCY CLAUSE**

2018 Capital Construction Projects

Cedar Street Improvements

- Cedar Street (Cherry to Dodge)
- Roadway Reconstruction
  - New Asphalt Pavement
  - New Curbs and drive aprons
  - New Sidewalks
  - New water main, storm and **sewer**
- Construction Cost: $970k
  - (CDBG Funded 45%)
- Construction Start – May, 2018
- Completion – October, 2018
- Issues:
  - Water main closures
  - Sidewalk grading adjustments



Sanitary Sewer Repairs

- Sanitary Repairs along the Cuyahoga River
  - Structural supports
  - Cracked Pipes
  - Erosion failure

- Constructed: May/June
- Construction Cost: $210K
- Issues
  - Access (RR & River)
  - CSX Reviews/Approvals
  - By-pass pumping

Garth/Spaulding/Suzanne Water Main Replacement

- Location
  - Suzanne Drive
  - Garth Drive
  - Spaulding (Silver Meadows to Garth)
  - Silver Meadows (Spaulding to Suzanne)
- Watermain Replacement
  - **20 Breaks in 22 years**
- Construction Cost: $940k
- Construction Start: April, 2018
- Completion: September, 2018
- Issues:
  - Water shut off
  - Final Pavement Installation

SR 43 Traffic Improvements

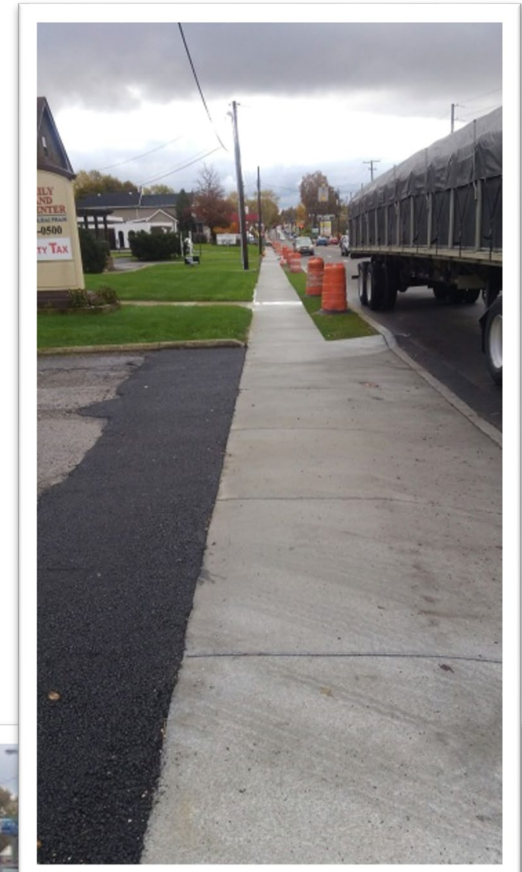
- SR 43 Signal Replacements
  - School Street
  - Cherry/Bowman
  - Beryl/Marc's Drive
- SR 261 2nd westbound turn lane
- School St permanent one-way configuration
- Signal Interconnect installation
  - 6 Signals added to central system
  - **Sidewalk reinstallation**

School Street

Beryl/Marc's

SR 43 Traffic Improvements

- Construction Start: May, 2018
- Completion: May, 2019
- Construction Cost: $2 million
  - (AMATS Funded 80%)
  - (OPWC Funded 15%)
- Issues:
  - Maintain Access to properties
  - Traffic/Pedestrian Maintenance
  - Utility interference

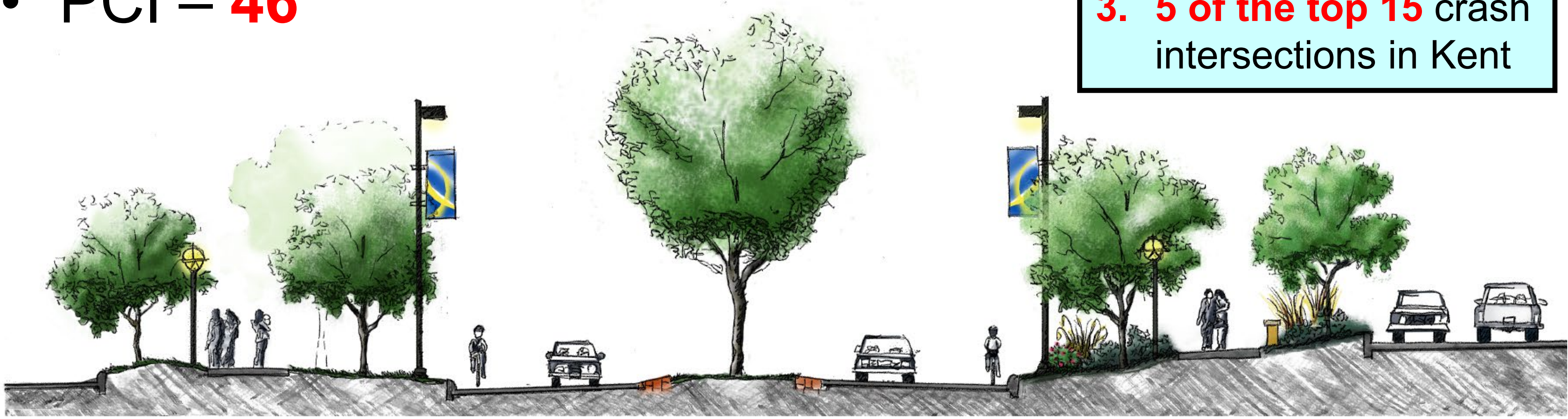


Summit Street Improvements

- Limits: Lincoln to Loop Road
- Construction Start: November, 2015
- Construction Cost: $14.2 million
  - **HSP, TAP, CM/AQ, OPWC, KSU Funded (+/- 90%)**
- PCI – **46**

Needs

1. **Most Congested** Road in Portage & Summit Counties
2. **23%** of all Pedestrian crashes in Kent (2010-2012)
3. **5 of the top 15** crash intersections in Kent



Summit Street Improvements

- 2018 Construction
  - Campus Ctr to Fraternity Circle
  - Risman Drive Roundabout
  - Storm Water Wetlands
  - HAWK Beacons
  - Restoration

Summit Street Improvements

- Early Roundabout Results
  - Ted Boyd/Johnston Roundabout
    - Opened November 2016
      - 2 crashes
      - No injury crashes
      - >80% reduction
  - Campus Center/ Risman Roundabout
    - Opened August 16, 2018
      - 1 non-injury crash

Signalized Intersection Crashes Since 8/16/18 - 5

Ted Boyd/Johnston Roundabout

Campus Center/Risman Roundabout

Summit Street Improvements

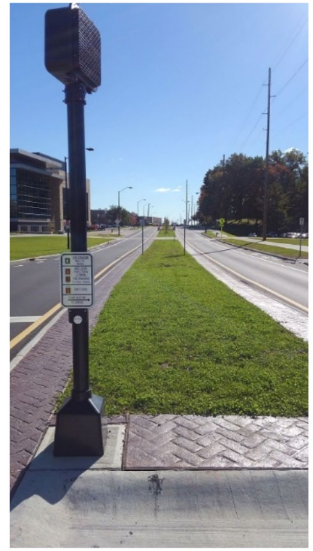
- Storm Water Wetlands
  - Plantings
    - 36 trees
    - 198 shrubs
    - 885 perennials
  - Flood Control

	Annual Risk of Overtopping	Points of Failure
Prior to Construction	10%	**1**
Post Construction	< 1%	3

  - Quality Control
    - 57 acres of runoff treated (12 acres required)
    - TSS/nutrients/calcium/metals treatment

Summit Street Improvements

- KSU Collaboration
- Under Budget…
- Items Remaining:
  - Signal timing and calibrating
  - Punch list
  - On-going restoration
  - Project Close out



SR 261 Resurfacing

- Surface Replacement (1½")
  - County Line to near Summit St.
- Constructed: Summer 2018
- Construction Cost: $1 million
  - (ODOT Funded 80%)
- Municipal Paving Program
- Issues
  - Preservation Focus

OHIO DEPARTMENT OF TRANSPORTATION

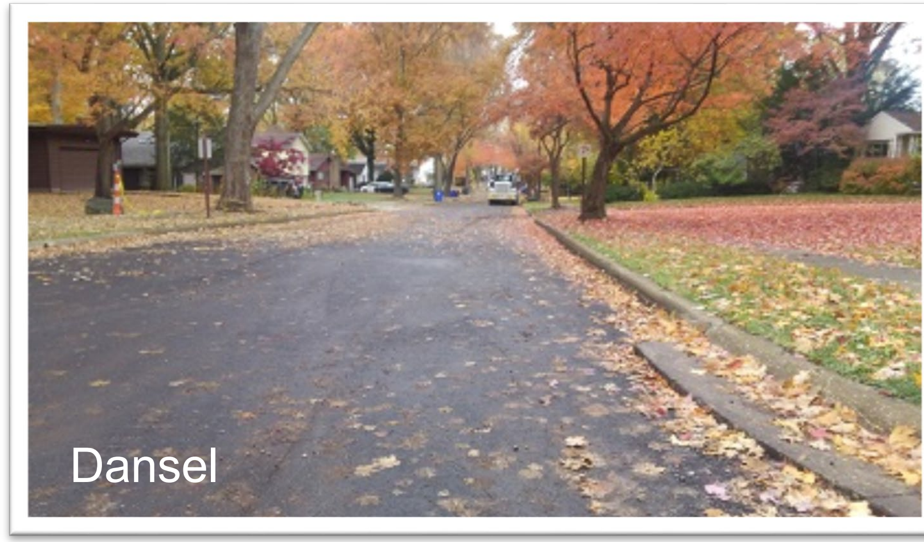
- Microsurfacing Overlay (1/2" – ¾")
  - SR 43 (S. Corp Line to SR 261)
  - SR 261 (Summit St to N. Corp Line)
- Construction Cost: $140k
  - (ODOT Funded 80%)
- Constructed: Summer 2018
- Municipal Paving Program
- Issues
  - Preservation Focus

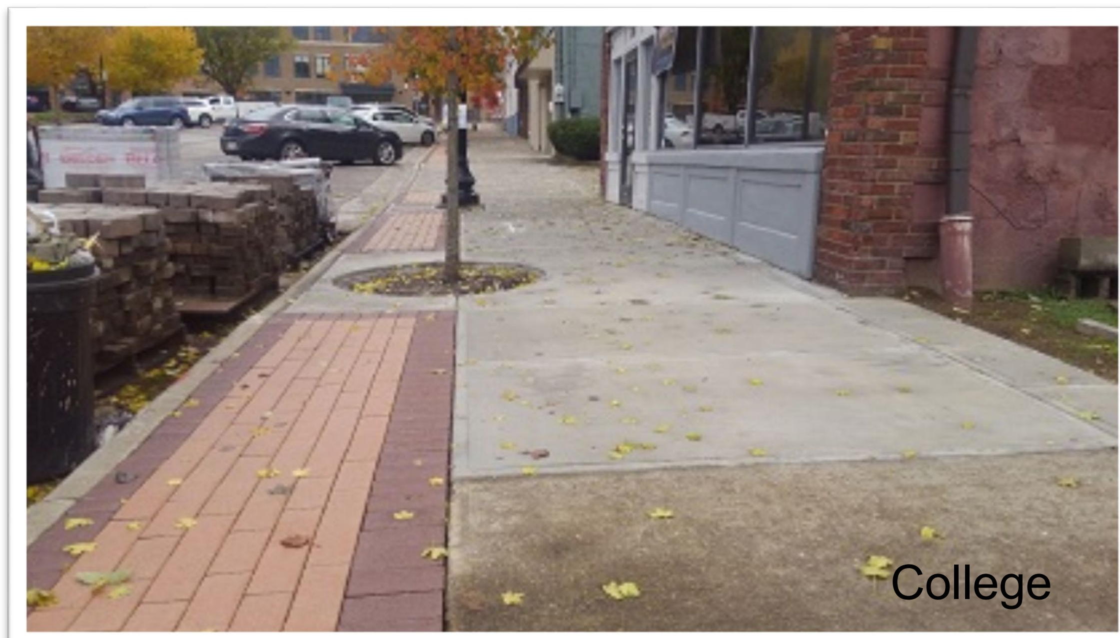
SR 43/SR 261 Microsurfacing

Annual Street & Sidewalk Program

- Sidewalk and Pavement Resurfacing
  - West College Street
  - Dansel Street
  - Sheri Street
  - S Lincoln Street
    - (Marigold to Summit)
  - Dodge Street
    - (Franklin to Pine)
  - Horning Road
    - (E Main to Theater Dr)*

- Pavement and curb ramps only





Annual Street & Sidewalk Program

- Resurfacing Only Areas
  - Colleen Drive
- Sidewalk Repairs Only Areas
  - S Depeyster Street
  - W Grant Street

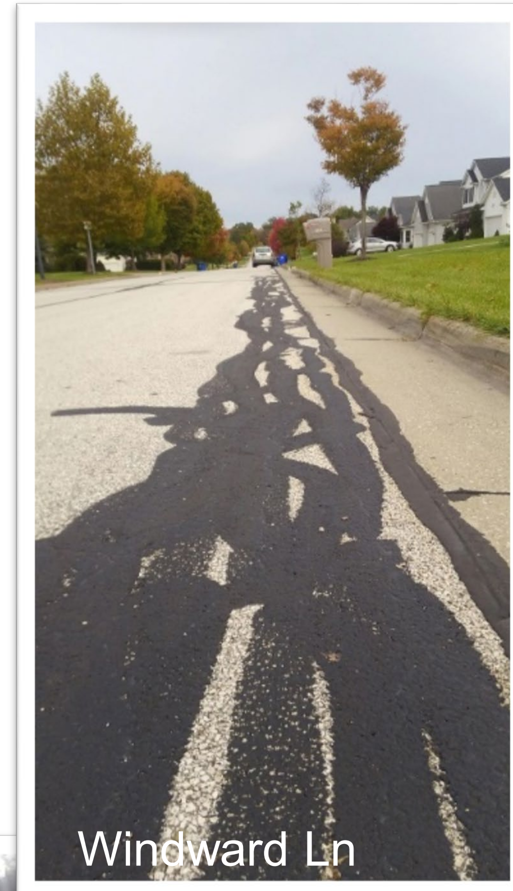
Lincoln St

Brentwood

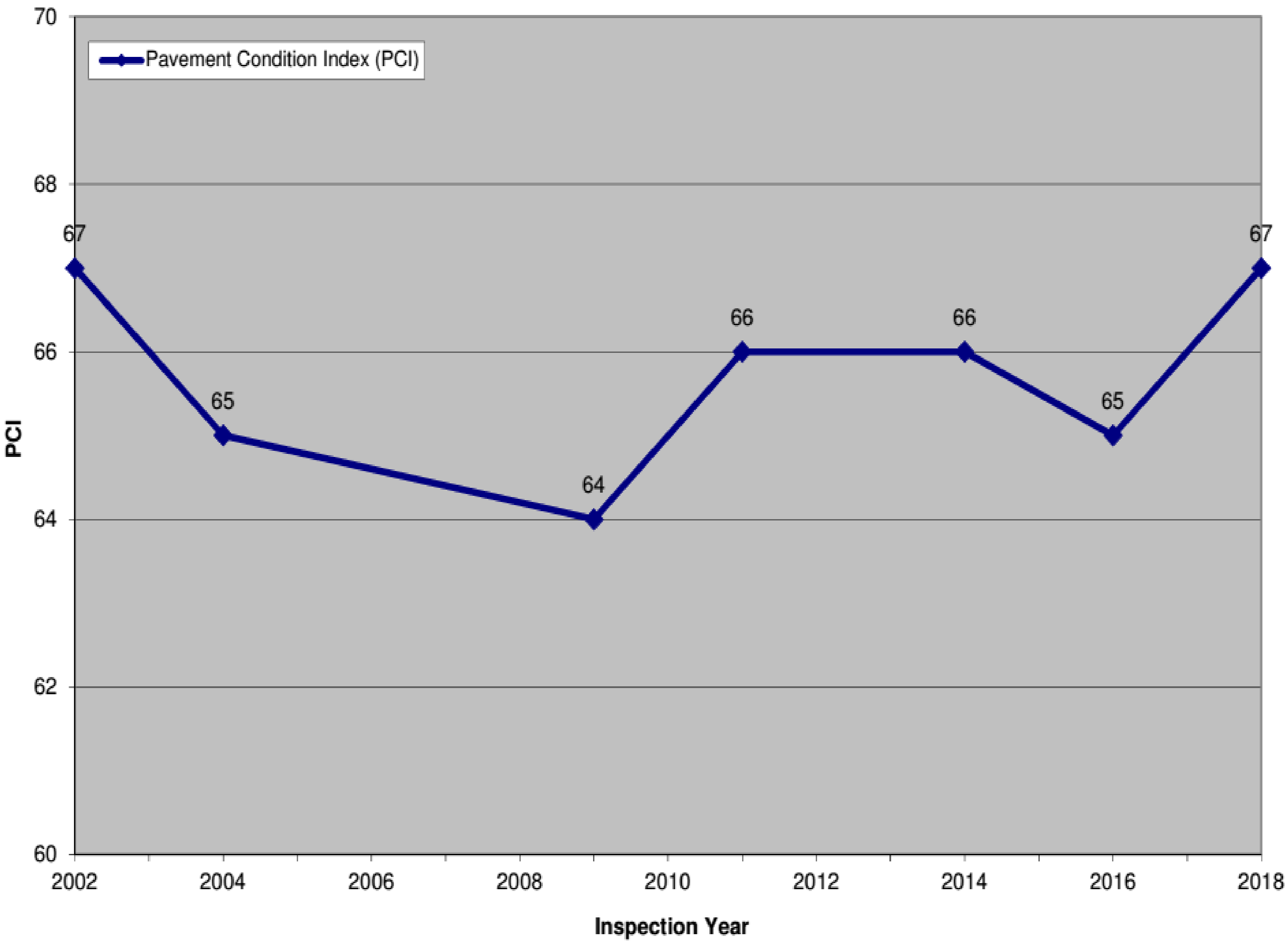
Overbrook

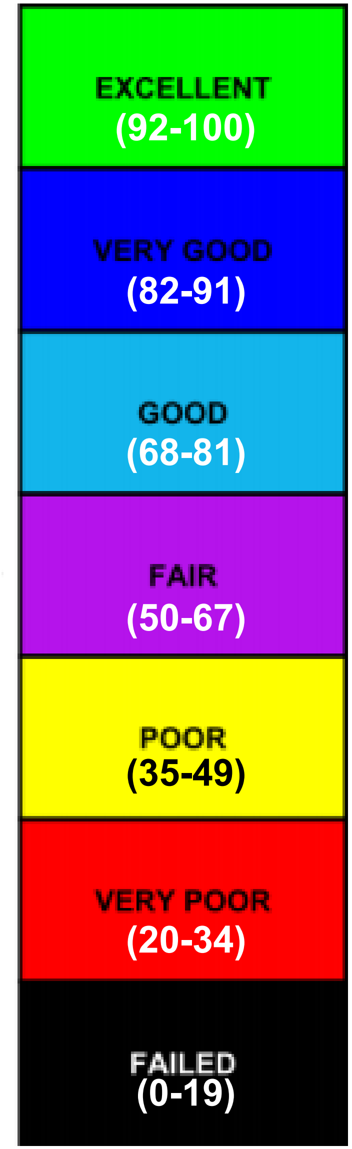
Annual Street & Sidewalk Program

- Pavement Repair Areas (preparation for seal coating)
  - Allen Dr.
  - Beech Dr.
  - Brentwood Dr.
  - Chelton Dr.
  - Eton Rd.
  - N. Francis St.
  - Hughey Dr.
  - Laurel Dr.
  - Norwood St.
  - Overbrook Dr.
  - Yacavona Dr.
- Crack Seal Completed
- Cost: **+/- $1.45 million**
- Completion: November, 2018
- Seal Coat completed in 2019

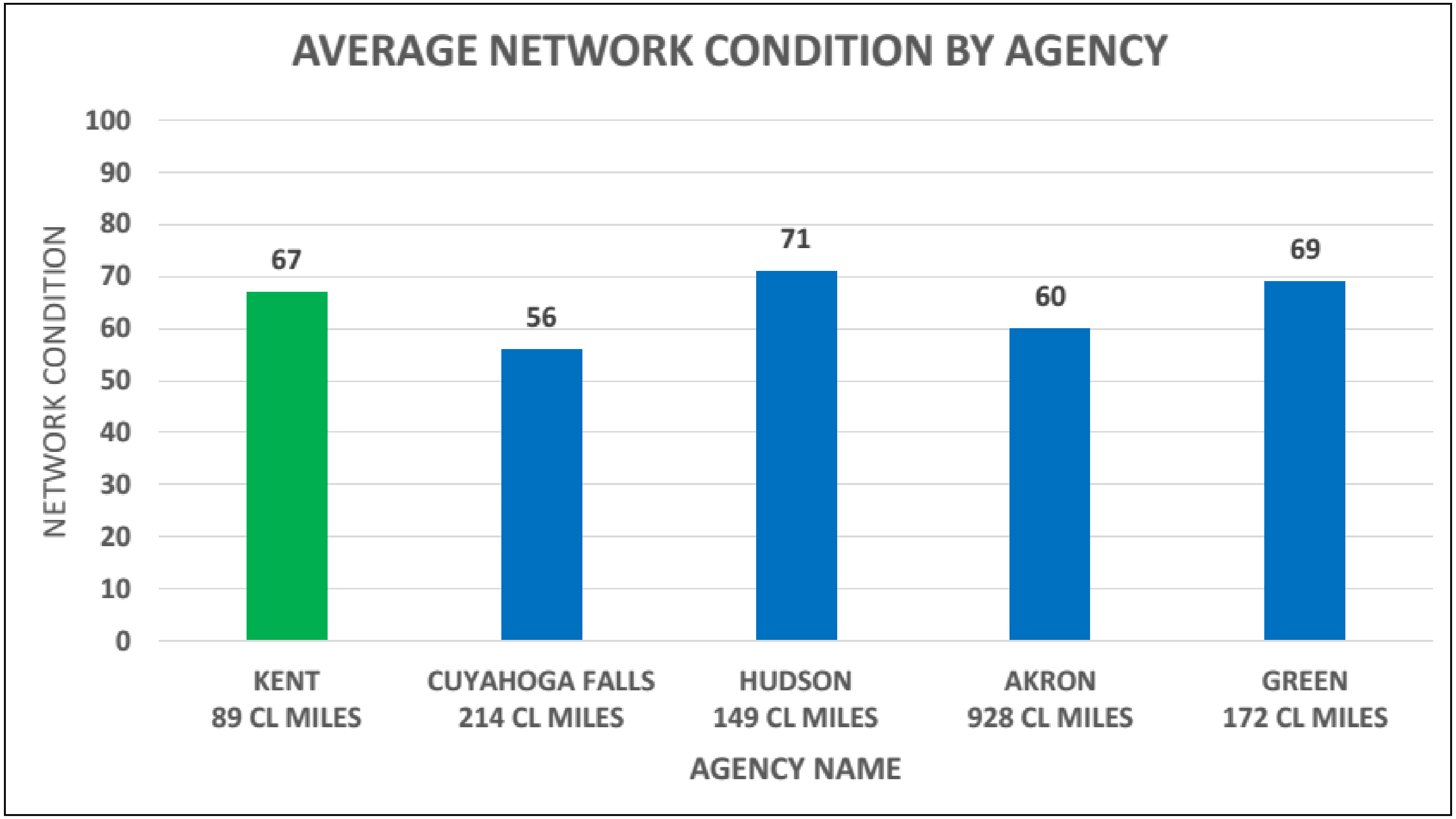


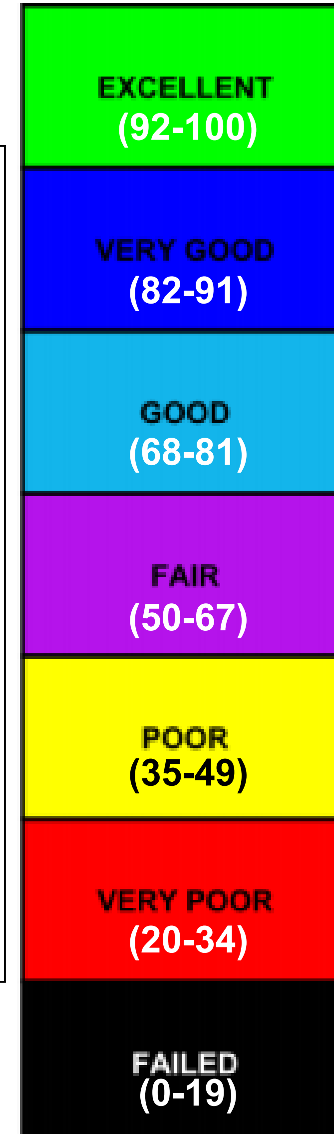
Citywide Pavement Condition





Citywide Pavement Condition

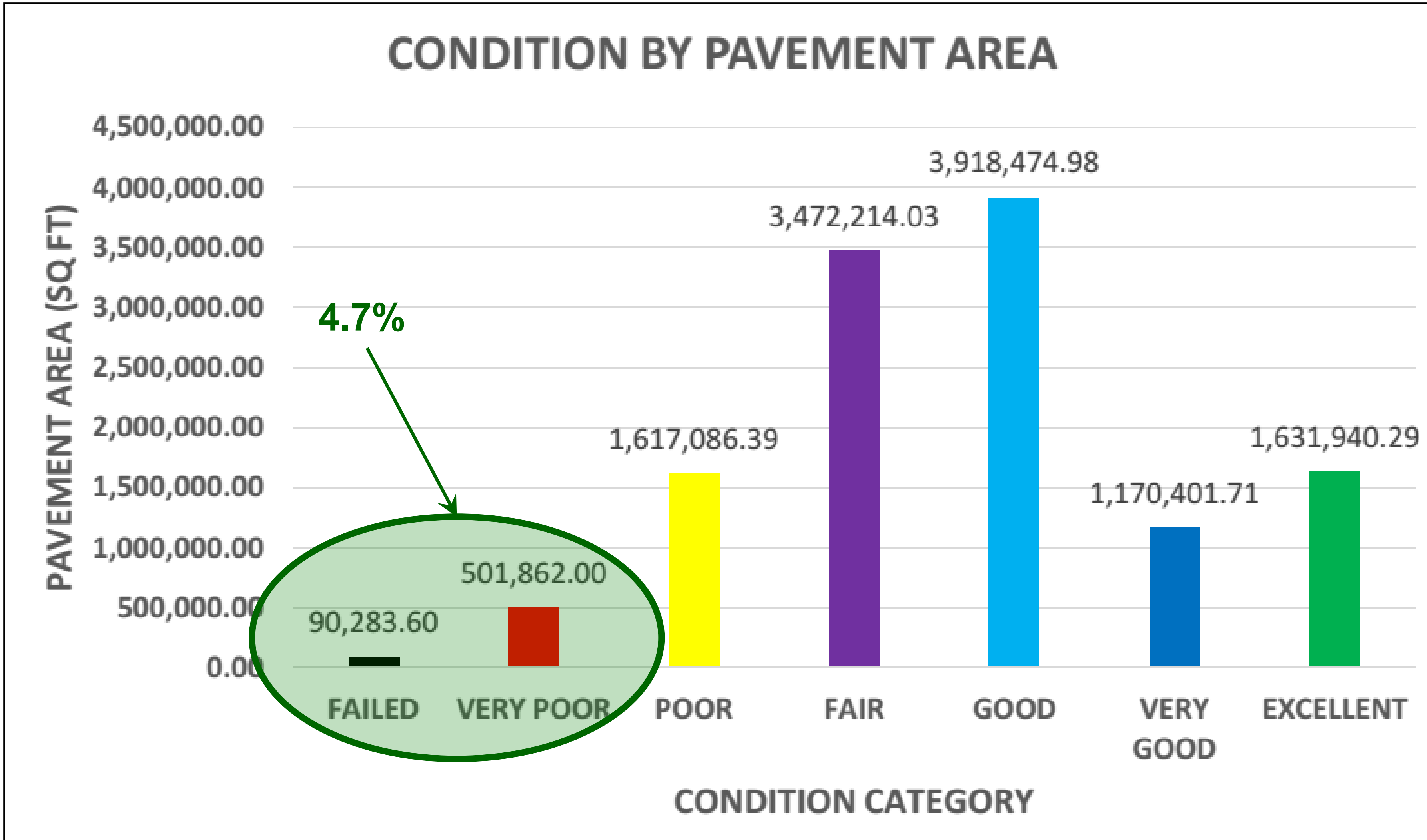




Citywide Pavement Condition

Worst 1st vs. Preservation

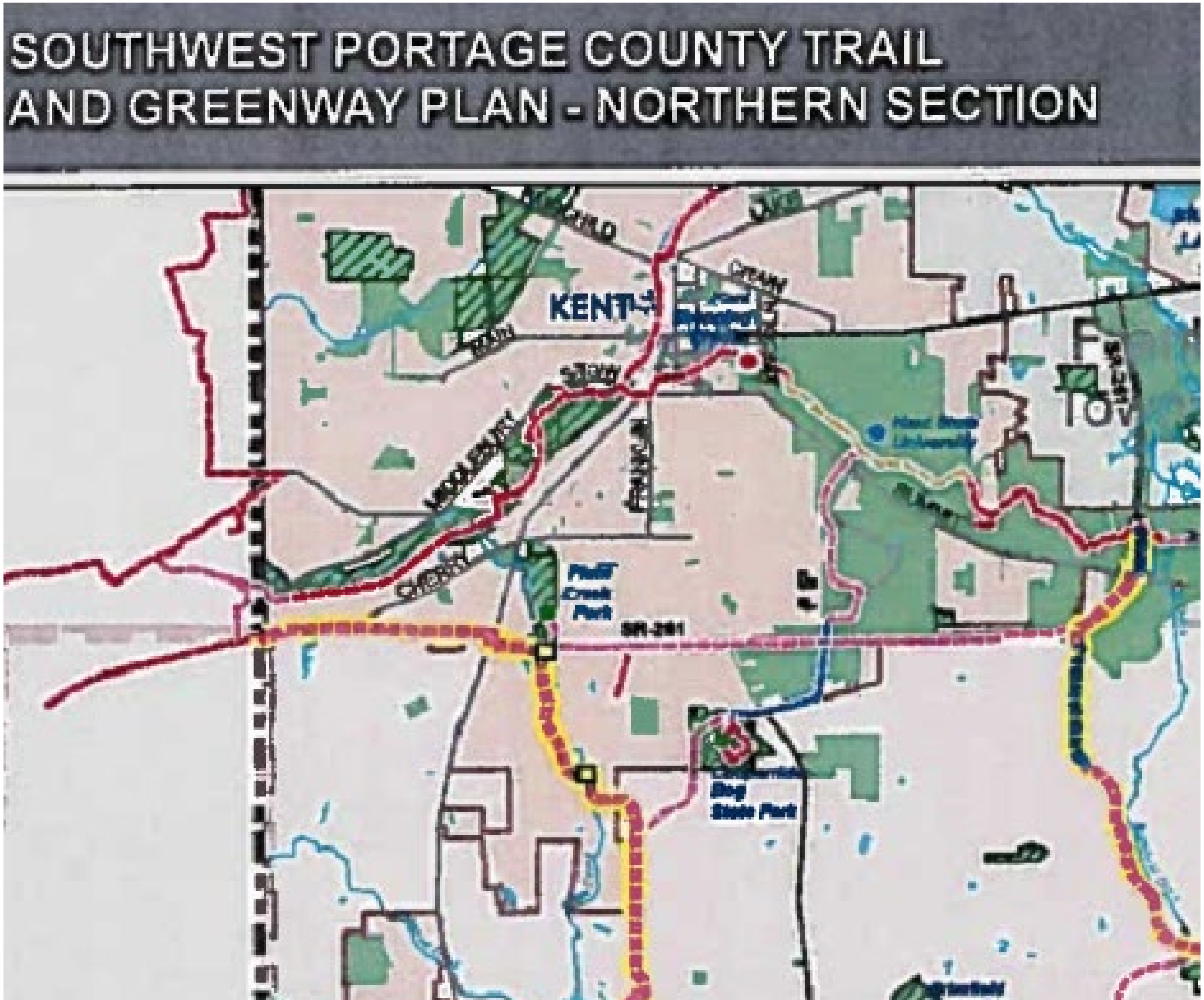
2018 City of Kent Pavement Conditions



SR 261 – Re-visioning the Corridor….Planning the Future

Traveling Eastbound towards Franklin/Sunnybrook

SR 261 – Re-visioning the Corridor….Planning the Future



SR 261 – Re-visioning the Corridor….Planning the Future

Looking Northeast towards S. Lincoln Street

East Main Street Improvements – Planning Stage

- From Willow to Horning
- Public Involvement
  - 1 Public Meeting
  - 2 Open Stakeholder Meetings
- KSU Partnership
- Purpose & Need Development
- Proposed Alternates Determined
- Next….. Pursue Funding

Why Studying?

1. Safety
   - Worst Crash Corridor
   - 2nd Worst Crash Intersection
   - Auto/Ped/Bike Crashes
2. Corridor Development
   - *“Emphasis should be placed to direct traffic to destinations while minimizing negative effects on residential areas”*
3. Kent State Master Plan
   - Opportunity to improve area

N Water Street Improvements – Planning/Funding Stage

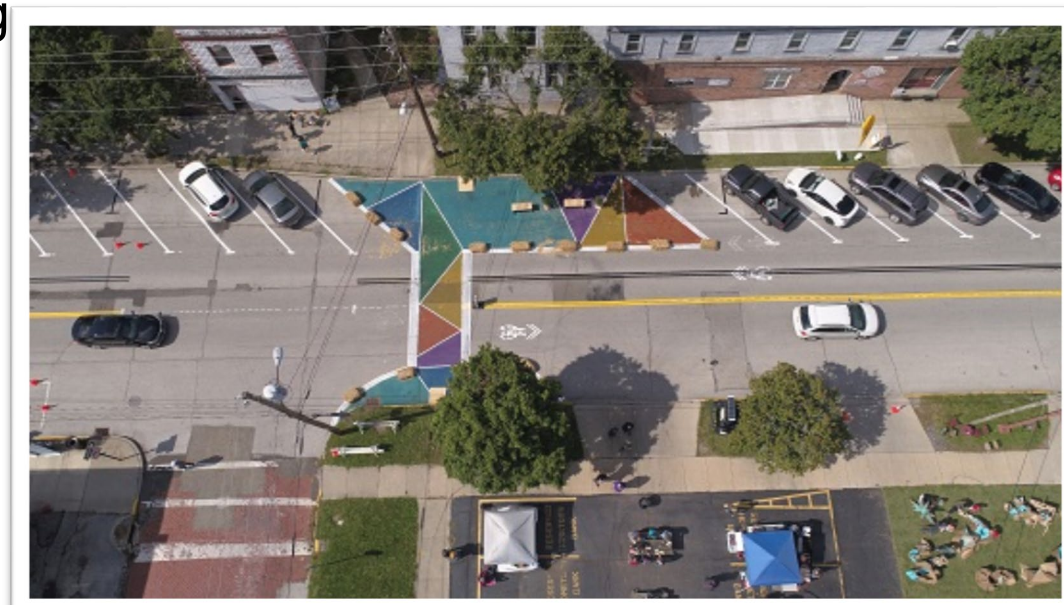
- Location: Main to Brady
- Roadway Reconfiguration
  - Curb Extensions
  - Add Cross Walks
  - Reconfigured parking
  - Minor widening/resurfacing
  - Pedestrian lighting
  - Brick Streetscape
- Funding Obtained (90%)
- Better Block….

Why North Water?

1. Safety
   - 2nd Worst Crash Corridor
   - High vehicular speeds
   - Poor Pedestrian Facilities

2. Corridor Development
   - 257 N Water
   - Star of the West Mill
   - Others

3. Pavement Condition (PCI 60)

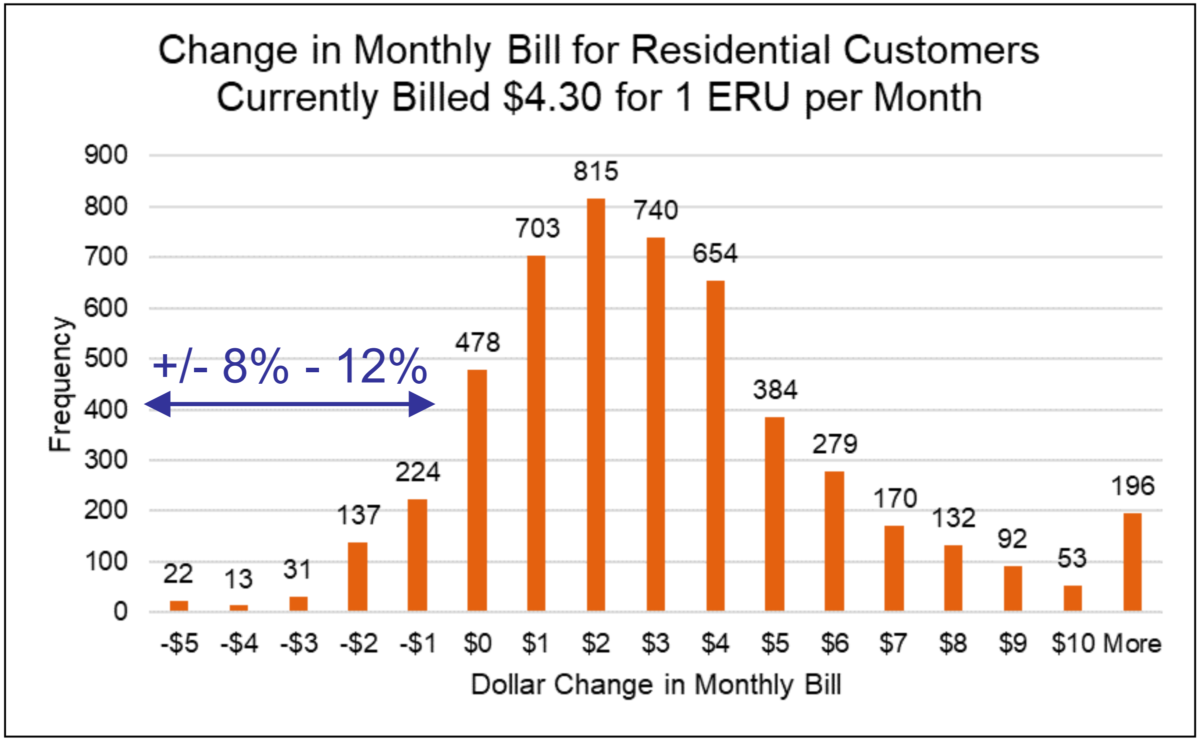


Storm Water Utility Billing Method Evaluation

- **Goal**: More equitable range of residential charges
- Key items completed to date:
  - Aerial mapping updated
  - Calculated impervious area for **<u>all</u>** parcels (+/- 7,200)
  - How to determine new rate?
    - Cost per sq. ft.
    - Additional costs to manage
      - 6,200 vs 300 individual customers
    - Level of Service?

Storm Water Utility Billing Method Evaluation

- Preliminary findings
  - Identified Unbilled Parcels
  - Results….Unexpected
  - Scheduled for upcoming committee discussion



Storm Water Utility Billing Method Evaluation

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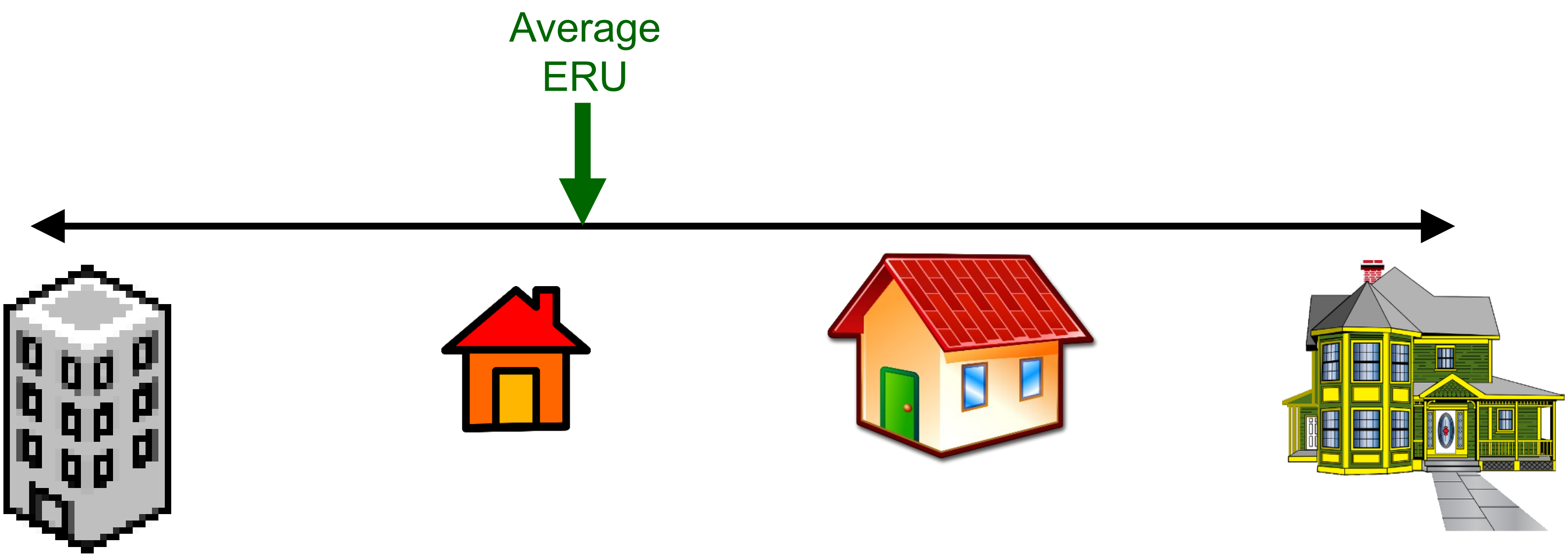
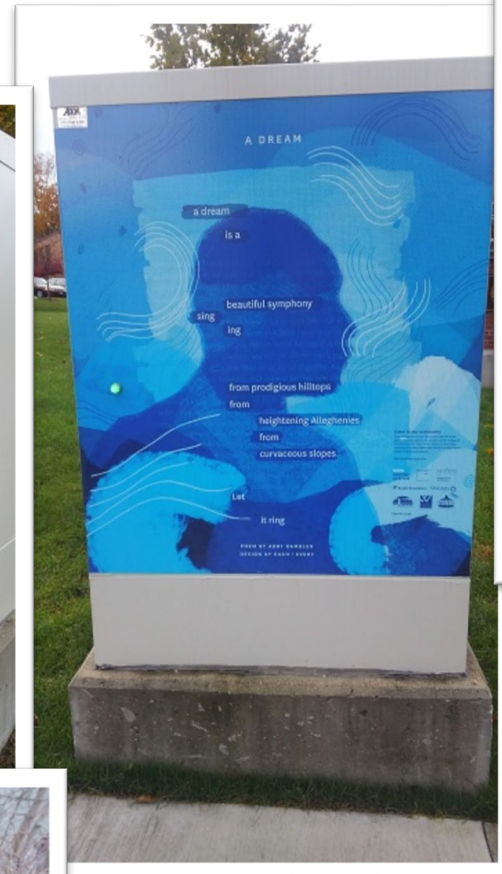
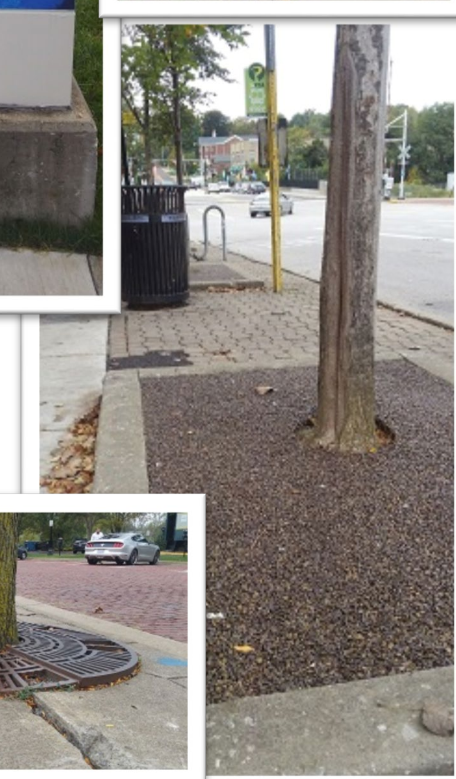
  - Results….Unexpected



Miscellaneous Items

- Traveling Stanzas
- Middlebury Storm Failure
- Improved Tree Grates





Key Endeavors - 2019

- Annual Street & Sidewalk Program
- SR 43 Signalization – Complete Construction
- Hudson Road Water Main – Construction
- Valley View/Morris - Construction
- SW Sanitary Pump Station –Construction
- Harvey/Miller/Steele – Finish Design
- North Water Street - Design
- Administration Building…Design
- East Main Street…continue planning phase/Pursue Funding

THE CITY OF KENT, OHIO
STREETS, SIDEWALKS, AND UTILITIES COMMITTEE
WEDNESDAY, NOVEMBER 7, 2018

Chair Roger Sidoti called the meeting of the Streets, Sidewalks, and Utilities Committee of Kent City Council to order at 7:00 p.m.

PRESENT:	Mr. Jack Amrhein; Mr. Michael DeLeone; Mr. Garret Ferrara; Mr. John Kuhar; Ms. Gwen Rosenberg; Mr. Roger Sidoti; Mr. Robin Turner; and Ms. Tracy Wallach
ALSO PRESENT:	Mr. Dave Ruller, City Manager; Ms. Hope Jones, Law Director; Mr. Jim Bowling, City Engineer; Ms. Melanie Baker, Public Service Director; Ms. Bridget Susel, Community Development Director; Mr. David Coffee, Budget and Finance Director; Mr. Tom Wilke, Economic Development Director; and Ms. Tara Grimm, MMC, Clerk of Council
ABSENT:	Ms. Heidi Shaffer and Mr. Jerry T. Fiala, Mayor and President of Council

There were two (2) items on the Agenda.

1. Receive the 2018 Capital Projects Update *(Portions of audience comments are inaudible from lack of use of the microphone)*

Mr. Ruller explained how Mr. Bowling's presentation has become an annual event and is a great refresher for Council of all the projects and to see where the money goes. He then referred to Mr. Bowling who gave a PowerPoint Presentation ***(See Attachment #1).***

Mr. Bowling stated how staff has done a lot of great work and we've gone through a lot of construction. The major themes of his presentation are on the shifting from excessive construction to planning for more construction in 2019 as well as touching on key points and the questions he typically hears.

Slide #2: Cedar Street Improvements – Long term continuation of the program to improve infrastructure in the area; Pine Street was first, Walnut is next because of sanitary sewer structural failures.

Ms. Wallach questioned if the project is completely paid for or if the residents are being assessed for projects.

Mr. Bowling replied "the residents were not assessed".

Slide #3: Sanitary Sewer Repairs – Sewers serve approximately 30% of the city. While the work only took 6 weeks, it actually took 6 months to obtain approvals from the railroad to do the work.

Slide #4: Garth/Spaulding/Suzanne Water Main Replacement - As our system ages we will see more of this type of work needed; Current age of overall system (53 years old); 107 miles of main.

Mr. Bowling explained how our water distribution system is aging. Water systems design life is a 50 year life spans and some of our lines are older than 1924.

Mr. Kuhar asked if there are any of the real old lead water lines or laterals still in Kent.

Mr. Bowling stated "No" not in the main lines. There were connections from old galvanized lines to copper services. The water that is put out from the City's water plant is "scale building" and actually puts a film on the inside of the water lines, which is regularly tested. "Gooseneck" services are being replaced with non-lead connections as projects move ahead.

Mr. Sidoti questioned how much of the $940,000 spent on that 2/3 of a mile was in materials and labor.

Mr. Bowling replied 50/50 with contractor fees; also 10% of costs and all labor are for outside inspectors as we can't staff all of the projects ourselves.

Slide #5: SR 43 Traffic Improvements – There were 6 signals added to central system (School, Cherry, Beryl, SR 261, Campus Center, and Devon Place). 60% of the city's signals are on the system he can manage in an office next to his. He explained the timing issue of the Fairchild Bridge due to a lightning strike on the timing system which will be fixed in the next day or so.

Ms. Mary Kenneley of 1123 Elno, Kent questioned the width of School Street being so narrow.

Mr. Bowling explained how now that it is permanently one way, is 14 feet wide and can't have 2 cars passing so it is no longer confusing.

Slide #6: SR 43 Traffic Improvements - Edison lines interfering with new taller signal poles, which it takes 5 months to get a signal pole ordered and delivered. The 15% from OPWC included some research and design costs; Sidewalk on west side replaced due to getting power to a speed limit sign.

Slide #7: Summit Street Improvements – Mr. Bowling is happy that this is the last update; referred to the blue box in the Slide as a quick refresher on why we did the project.

Slide #8: Summit Street Improvements – Kent State was very helpful in developing and putting out information on HAWK's; we don't want the buttons needlessly pressed. Mr. Bowling showed the embedded video *(inaudible on the recording)* which can be clicked on in the attachment or found at https://www.youtube.com/watch?v=3S-EAw8S9ks&feature=youtu.be regarding the HAWK Beacons utilized at the Summit Street/Risman Drive Roundabout.

Slide #9: Summit Street Improvements - Results are still early; there were 2 Ted Boyd/Johnston crashes both in the first 3 months of operation, although 2 were added last week; Currently there is a 40% reduction in crashes at new roundabout compared to 2012-2014; He referred to the yellow box on the Slide and how there have been 3 signalized crashes at Lincoln, 2 at Morris/Janik, and none at the Loop.

Mr. Sidoti questioned if these signals are tied into the city.

Mr. Bowling responded "yes"; the roundabouts are functioning.

Ms. Wallach asked about the HAWK lights at Ted Boyd.

Mr. Bowling responded "No".

Slide #10: Summit Street Improvements - Kent State maintains the storm water wetlands; Biology department testing the effectiveness of the storm water treatments; the existing basin wasn't designed to treat water quality, but is now.

Slide #11: Summit Street Improvements - Signal calibrating/timing is still in process; the project came in under budget and are pursuing grant reimbursements for staff time +/-$400,000.

Slide #12: SR 261 Resurfacing – Streets are the City's largest asset, but also largest liability; ODOT began a voluntary preservation program of microsurfacing which is cold applied/polymer modified asphalt used to fill ruts and level and seal surface; to extend the life of pavement. W. Main Street missed the window and will be repaved in 2020.

Slide #13: Annual Street & Sidewalk Program – This is a time intensive program; There was $500,000 in concrete work this year, double a normal year's program; They personalized 100+ sites, sent letters to the homeowners explaining the bill for over $1,000.

Mr. Kuhar asked about the ditches on Horning Road.

Mr. Bowling stated there are several problems including the deep ditches, crash problems, lack of sidewalks, tight for all 3 lanes and the ability to try to fix all the problems at once for about $2.4 million. There have been numerous discussions with the university architects on how to fix and fund this. It was decided that the problems were not big enough to spend that kind of money so they are separating the projects.

Slide #14: Annual Street & Sidewalk Program – depicts repairs prior to seal coat work.

Slide #15: Annual Street & Sidewalk Program – $1.45 million (no grants)…largest single City funded year going back to 2002.

Ms. Mary Kenneley of 1123 Elno, Kent questioned how much of Norwood was being done, all of it or stopping at Beech; the chip and seal; how the repaired blocks are wearing out; no sidewalks on Norwood and if they are adding new ones as there are none on the north side, only the south side.

Mr. Bowling was unsure and invited Ms. Kenneley to call his office as there is a 7 year rotation on seal coating and an assessment process for sidewalks that most people are not willing to do. He would rather see one continuous stretch of sidewalk on only one side of the road than gaps needing to be filled in.

Mr. Sidoti asked about a bike trail taking place of sidewalks in that area in a few years.

Mr. Bowling commented on the similar situation with the City of Akron water line which connects with the Freedom Trail. They are working with Mr. Idone at Parks and Recreation. Part of the City is a rural v. urban look and there is sporadic sidewalks on that side of town.

Mr. Turner questioned the raised sidewalks and the neighbors who banded together to repair them. How do we know if the repairs are acceptable?

Mr. Bowling stated they inspect.

Slide #16: Citywide Pavement Condition - results from inspection years. What is a 67? It is a fair to almost good rating for our City's roads.

Slide #17: Citywide Pavement Condition - All these cities are inspected by the same company; Cuyahoga Falls' 1st year; Akron recently passed an income tax increase partially targeted for street repairs; One thing is consistent in all communities is that people complain about the condition of their streets

Slide #18 Citywide Pavement Condition - In 2018… 0.7% of the streets are "failed"….in 2014 2.2% of the streets were failed; In 2014… 9% of the streets where failed or very poor; 37% of the Failed streets are planned for work in 2018; 22% of the failed streets are alleys; Remaining 41% are anomalies…..practically driveways to a couple of properties (College Ct/Burnett/Burns Ct); Overall, we think street program is on the right track; generally overall condition remaining steady/slight uptick; and the worst streets are being addressed as well.

Slide #19: SR 261 Re-visioning the Corridor…Planning the future - Shift to some key planning initiatives; CAC assisted; Right sizing infrastructure; 200 ft. of right-a-way available.

Slide #20: SR 261 Re-visioning the Corridor…Planning the future - Portage Parks Masterplan Component.

Slide #21: SR 261 Re-visioning the Corridor…Planning the future - No resident wanted vehicular connections…but did like a trail connection.

Slide #22: East Main Street Improvements – Planning Stage – Mr. Bowling referred to the yellow box on the slide titled Lincoln & Main (2nd worst crash intersection); Summit & Lincoln (was the worst); 2013-2015 Crash Data; Corridor is worst in AMATS 2014-2016.

Slide #23: N. Water Street Improvements – Planning/Funding Stage - Again, Mr. Bowling referred to the yellow box on the slide. Corridor is 7th worst in AMATS 2014-2016; 85th speed – 30 mph; <20 mph….13% 41% (S. Water); More parking spots; we will be racing to get this completed for the funding deadline.

Slide #24-26: Storm Water Utility Billing Method Evaluation – This was by Council's request and Mr. Bowling read from the Slides.

Slide #27: Miscellaneous Items – Travelling Stanzas, Middlebury storm failure, and improved street grates.

Slide #28: Key Endeavors – 2019

Mr. Sidoti asked Mr. Ruller if any action was needed from Council.

Mr. Ruller stated no, just to receive the update and be grateful we have such a good engineering group, including Mr. Bowling; we get a lot done. Mr. Bowling is also really good at getting grant money for these projects and leveraging other monies.

2. Authorize Proposed Updates to the City's Solid Waste/Recycling Codes

Ms. Jones referred to her Memo to the City Manager dated October 31, 2018 and stated how she and Ms. Baker will be bringing a package of changes to the City's Solid Waste/Recycling Code in January or February; however, this proposed Code change is reflective of Council's desire to make this one immediate change to correct the "residential unit" to "billing unit" language.

MOTION TO AUTHORIZE HE PROPOSED UPDATES TO CHAPTER 935.13 SOLID WASTE/ RECYCLING CODE WITH AN EMERGENCY CLAUSE made by Mr. Ferrara, seconded by Mr. Kuhar, and CARRIED by a voice vote of 8-0.

Hearing no further business before this Committee, Chair Sidoti adjourned the meeting at 8:02 p.m.

Tara Grimm, MMC
Clerk of Council

ACTION RECOMMENDED:

1) **AUTHORIZE THE PROPOSED UPDATES TO CHAPTER 935.13 SOLID WASTE/ RECYCLING CODE WITH AN EMERGENCY CLAUSE**