



Five Year Capital Improvement Program 2020 Update



CITY OF KENT, OHIO

FIVE YEAR CAPITAL IMPROVEMENT PLAN

Updated October 2020

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.

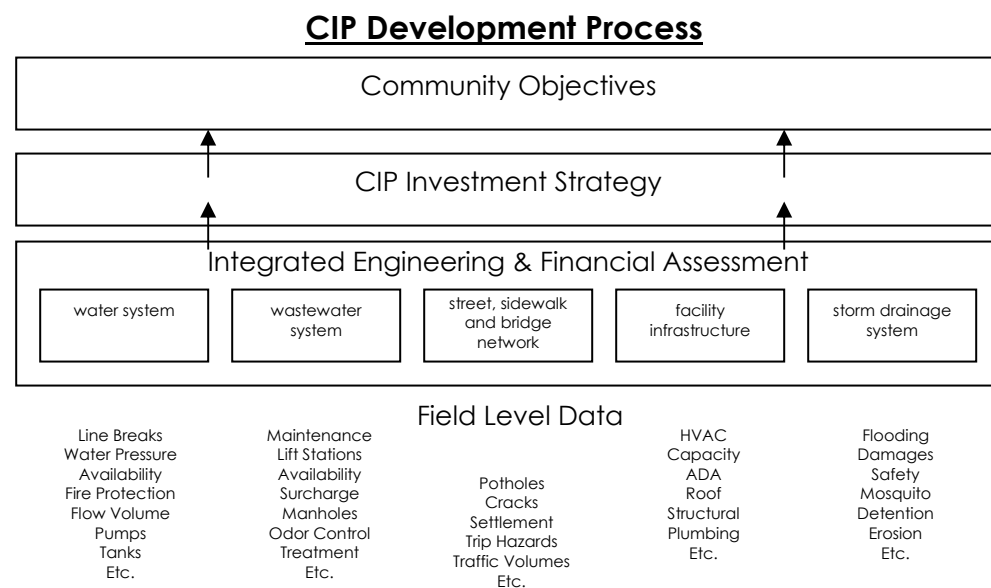
The matter of how the bill gets paid takes infrastructure into the realm of investment strategies with questions like: How valuable is the asset? How important is preservation of asset equity? What return on equity is expected? What is the risk tolerance for infrastructure failure? The answers to these 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 \$160 million invested in Kent's infrastructure it is fiscally imperative to preserve the value of that equity through well-planned and appropriately timed capital re-investments. The City's infrastructure is also expected to be a catalyst for new growth and accelerate economic development opportunities. Achieving both capital preservation and growth goals requires exceptional planning and a long-term commitment to constructing and maintaining grade infrastructure.



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

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

Collaborative Capital Planning

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

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

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

Framework for Investment

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

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

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

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

Principle Based Programming

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

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

Capital Improvement Financing

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

At present, the City does not possess sufficient financial resources to 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.

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 2021 through 2025 represents the Administration’s recommendation for the City’s 5-Year Capital Improvement Program.

Proposed 2021 Capital Program Summary

- The proposed 2021 capital program includes 55 funded projects.
- The total proposed capital program costs (including debt costs) for 2021 is \$11,937,978.
- \$4,528,500 of the \$11,937,978 (or 37.9%) in 2021 is grant or debt funded.
- The approved 2019 Capital Plan listed a total City cash contribution at 45.5% for 2020 and the updated 2020 Plan update includes a 36.4% total City cash contribution for 2020.
- The proposed new general government City cash contribution (income tax) for 2021 is \$3,975,978.
- The estimated Charter requirement for 2021 is \$3,198,222.
- The proposed 2021 general government cash contribution is projected to be \$777,756 above the Charter requirement.
- The proposed 2021 debt (debt service, principle, interest) is \$453,908 (up from \$314,021 in 2020).
- The City’s legal debt margin (10.5% of assessed value) is approximately \$26.3 million.
- The undesignated fund balance decreased by \$1,769,367 in 2018 to \$11.72 million.
- The undesignated fund balance increased by \$2,301,274 million in 2019 to \$14.02 million.
- The undesignated fund balance is projected to decline by \$1.8 million in 2020 to \$12.2 million.
- The undesignated fund balance is projected to decline by \$2.8 million in 2021 to \$9.4 million.
- The managed reserve fund balance (emergency fund) is projected to be \$2.5 million in 2021.
- The amended 2011 Rate Stabilization Plan (water and sewer) included a 3% rate increase for 2021

2021 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"*
 - New Debt Issuance for City Administration Building
 - North Water Street Improvement Project

- **Natural Resources***"to protect and promote the City's natural resources"*
 - Miller/Harvey/Steel Storm and Water Replacement
 - Majors/Stinaff/Cuyahoga Water Line Replacement
 - Storm Sewer Design Standards Update
 - East Main Street Sewer Lining Project
 - Southwest Sanitary Sewer Pump Station Project
 - 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*
 - Miller/Harvey/Steel Storm and Water Replacement
 - Majors/Stinaff/Cuyahoga Water Line Replacement
 - Portage Hike and Bike Trail Planning Study

- **Community Safety***"to be an exceptionally safe city"*
 - Police Body Cameras Project
 - North Water Street Improvement Project
 - Annual Streets & Sidewalk Repair and Replacement*
 - Fire Safety and Prevention Equipment Replacement (turnout gear, air packs)
 - Police Safety Equipment and Vehicle Replacements (unmarked cruiser, safety vests)
 - East Main Street Area Improvements Project
 - Gougler/River Safety Study
 - Minor Bike and Pedestrian Improvement Projects
 - East Main Street Pedestrian Lighting Project Design
 - Sunrise Bridge Rehabilitation
 - West Side Fire Station Facility Expansion Project

- **Communities within the City***"to strengthen the quality and enhance the value of neighborhoods"*
 - SR261 City-ODOT Corridor Planning Study
 - Walnut Street Phase 1
 - Gougler/River Safety Study

- **City / University Synergy***"expand collaborative opportunities that enrich the community experience"*
 - East Main Street Area Improvements
 - SR261 City-ODOT Corridor Planning Study

- **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
 - Engineering Specifications Update
 - City IT Upgrades
 - New City Administration Building
 - Central Maintenance Equipment and Vehicle Replacements

*sidewalk and street repair program funds of \$1.7 million allocated for 2021

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.

2020 CIP for Year 2020

Row No	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		
1	1992CIP013	Summit Street Traffic Signal Coordination		\$ 67,600		\$ 67,600				\$ 67,600	\$ 33,800			\$ 33,800	\$ 33,800	
2	2008CIP010	Hudson Road Watermain				-	\$ 10,000			10,000				-	10,000	
3	2008CIP012	SW Sanitary Pump Station				-		\$ 94,959		94,959				-	94,959	
4	2010DSR003	Issue II Loan - Elm/Mae/Morris			\$ 4,300	4,300				4,300				-	4,300	Zero Interest, Final Year
5	2010DSR004	Note Outstanding Fire Station			260,738	260,738				260,738				-	260,738	Final Year, Paid in Full in 2020
6	2011CIP007	Miller/Harvey/Steele Storm and Water Replacement		235,008		235,008	576,024		\$ 1,076,968	1,888,000	94,750	\$ 284,250	\$ 568,500	947,500	940,500	OPWC Funded
7	2011CIP010	SR 43 Signalization		50,000		50,000				50,000				-	50,000	
8	2011KSD001	SAC Roof Replacement		15,000		15,000	5,000	5,000	5,000	30,000				-	30,000	
9	2011WRF010	Digester Heat Exchangers				-		20,000		20,000				-	20,000	
10	2011WTP004	Well Field Development				-	50,000			50,000				-	50,000	Contingent on EPA Approval and Grants
11	2013DSR001	Issue II Loan - Downtown Erie-Depeyster			19,756	19,756				19,756				-	19,756	Zero Interest
12	2015CIP004	Majors/Stinaff/Cuyahoga Waterline Replacement		100,000		100,000	100,000			200,000				-	200,000	
13	2015CIP007	Cedar Street Reconstruction		10,000		10,000				10,000				-	10,000	
14	2015CIP012	Valleyview/Morris Water and Storm Improvements				-	10,000		10,000	20,000				-	20,000	
15	2015CMD009	Stump Grinder		55,000		55,000				55,000				-	55,000	COVID-19 Delayed
16	2015WTP007	WTP, Gravel Replacement in Recharge Basin				-	125,000			125,000				-	125,000	CM to assist WTP to perform work in-house
17	2016ADM001	New Admin. Building		7,531,000		7,531,000				7,531,000	8,000,000			8,000,000	(469,000)	Debt issue for City Hall as contingency
18	2016KFD005	West Side Fire Station Parking Lot	\$ 50,000			50,000				50,000	-			-	50,000	
19	2016KFD006	West Side Fire Station Roof	150,000			150,000				150,000				-	150,000	
20	2016KFD007	West Side Fire Station Expansion/Renovation	333,825			333,825				333,825				-	333,825	
21	2017CIP007	Storm Water Rate Analysis				-			75,900	75,900				-	75,900	
22	2017ENG003	Engineering Vehicle Replacement		1,450		1,450	1,450	1,450	1,450	5,800				-	5,800	
23	2017WTP004	Paint KSU 400,000 Ground including Lead Abatement				-	500,000			500,000		250,000		250,000	250,000	OPWC: \$200k grant & \$50k loan
24	2018CIP009	North Water Street Improvements		1,647,650		1,647,650	50,000			1,697,650	1,287,400			1,287,400	410,250	ODOT - Highway Safety Program Funding Secured
25	2018CIP010	Sunrise Bridge Replacement		8,750		8,750				8,750				-	8,750	
26	2018CIP012	Sanitary Sewer Televising				-		1,400		1,400				-	1,400	
27	2018CIP014	Utility Mapping Update				-	7,500	7,500	7,500	22,500				-	22,500	
28	2018CMD007	Street Sweeper		150,000		150,000			70,000	220,000				-	220,000	COVID-19 Delayed
29	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets			4,420	4,420				4,420				-	4,420	
30	2018WRF010	SCADA Updates				-		-		-				-	-	COVID-19 Delayed

2020 CIP for Year 2020

Row No	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		
31	2018WTP002	Clean Well No. 11				-	35,000									35,000	Well #11 was substituted for Well #10 due to required repairs		
32	2019CIP003	Pilot Sidewalk Programs		30,000		30,000										30,000			
33	2019CIP004	East Main Street Area Improvements		1,000,000		1,000,000								950,000		950,000	50,000	Includes anticipated HSP Funding (90%) & KSU Funding (5%)	
34	2019CIP007	Mogadore Road Paving south of SR 261 (Portage County)		40,000		40,000										40,000			
35	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road			12,307	12,307										-	12,307		
36	2019DSR002	Issue II Loan - E Summit St Improvement			12,500	12,500										-	12,500		
37	2019KPD007	Police Unmarked Vehicle Replacement (2)		40,000		40,000										-	40,000		
38	2019KPD008	Police Gas Masks Replacement (40)		17,000		17,000										-	17,000		
39	2019KSS001	IT System Build-out		20,000		20,000		-	-	-						-	20,000		
40	2019KSS003	Host Server for Virtual Server		15,000		15,000										-	15,000		
41	2019KSS004	Windows 10 Upgrades		136,000		136,000		-	-	-						-	136,000		
42	2019KSS005	Backup Firewall		5,000		5,000										-	5,000		
43	2019WRF003	Concrete Repair				-										-	3,592		
44	2019WRF005	Emergency Rehabilitation of #2 Primary Clarifier				-										\$ 228,339	228,339	326,661	Insurance Settlement
45	2020CDD001	Code Enforcement Vehicle Replacement		20,000		20,000										-	20,000		
46	2020CIP001	Annual Sidewalk/Street Program - Construction		1,727,000		1,727,000								182,500		182,500	1,564,500	OPWC Funds Received for Mogadore Road Resurfacing (\$185k grant)	
47	2020CIP002	Sidewalk Street Tree Damage Repairs		25,000		25,000		-								-	25,000	Newly Added per KCC 6/17/15	
48	2020CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		20,000		20,000										-	20,000		
49	2020CIP007	ODOT - SR 59 Paving (PID 110168)		445,000		445,000										-	445,000	Funding match for ODOT Urban Paving Funds. AMATS Funding \$150,000 in pavement repairs in addition to Kent's Funds	
50	2020CIP008	Franklin/Erie Street Curb Extension		50,000		50,000										-	50,000	Project performed in conjunction with adjacent development	
51	2020CIP009	North Mantua Street Access Study		20,000		20,000										-	20,000		
52	2020CIP011	Engineering Standard Construction Drawing Update		12,500		12,500	12,500	12,500	12,500								50,000		
53	2020CMD001	CM, Misc. Equipment		40,000		40,000		-	-							-	40,000		
54	2020CMD002	Pickup Trucks (2)		-		-		-	-							-	-	COVID-19 Delayed	
55	2020CMD004	One Ton Dump Truck		75,000		75,000										-	75,000	COVID-19 Delayed	
56	2020KFD001	Fire Miscellaneous Equipment	40,000			40,000										-	40,000		
57	2020KFD002	Fire Vehicle Replacement Fund	350,000			350,000										-	350,000		
58	2020KFD003	Station One South Bay Diesel Exhaust Extraction System	24,000			24,000										-	24,000		
59	2020KPD001	Police Miscellaneous Equipment		37,500		37,500										-	37,500		

2020 CIP for Year 2020

Row No	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		
60	2020KPD002	Mobile Data Terminals Replacement (9)		70,000		70,000								-	70,000	
61	2020KPD006	Taser Assurance (Replacement) Program		7,400		7,400								-	7,400	
62	2020KSD004	Misc. Roadway Lighting Equipment		10,000		10,000								-	10,000	
63	2020KSS002	Virtualization Software Relicensing		5,000		5,000	-	-	-					-	5,000	
64	2020KVM001	Pick-up Truck		-		-	-	-						-	-	COVID-19 Delayed
65	2020WRF001	WRF, Misc. Plant Equipment				-		60,000						-	60,000	
66	2020WRF005	Electrical Replacement				-		15,000						-	15,000	Deferred \$15,000 to 2020 due to lack of funds
67	2020WRF006	New Plant Water Pump				-		5,000						-	5,000	
68	2020WRF007	Install plant Emergency Generator Hook-up				-		-						-	-	COVID-19 Delayed
69	2020WRF008	Installation of Generator into Pretreatment Area				-		-						-	-	COVID-19 Delayed
70	2020WRF009	Install Post Aeration Back-up Aerator System				-		45,000						-	45,000	
71	2020WRF010	WRF Boiler Replacement				-		45,000			45,000		45,000	-	-	NOPEC Funding
72	2020WRF012	Replace Two Return Pumps				-		75,000			75,000		75,000	-	-	NOPEC Funding
73	2020WTP001	WTP, Misc. Plant Equipment				-	50,000							-	50,000	
74	2021KFD004	Fire Turnout Gear Replacement	32,000			32,000								-	32,000	Replace 12 sets each year for 3 years, beginning in 2019
75	2022WRF011	Final Clarifiers Rehabilitation				-		81,000						-	81,000	

2020 CIP for Year 2020

Row No	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
		2019 CIP Program Funding Totals for 2020:	\$ 979,825	\$ 13,738,858	\$ 314,021	\$ 15,032,704	\$ 1,532,474	\$ 1,027,401	\$ 1,279,318	\$ 18,871,897	\$ 10,548,450	\$ 534,250	\$ 348,339	\$ 568,500	\$ 11,999,539	\$ 6,872,358	

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

General Government Funds Summary Analysis		2020 for 2020
		CAP
Total Fire/EMS =		\$ 979,825
Total Cap. Proj. =		13,738,858
Total Fire/EMS plus Cap. Proj. =		\$ 14,718,683
Total Debt Service =		314,021
Total General Government =		\$ 15,032,704
Total Grants for Cap. Projects and Proceeds from Note/Bond =		10,548,450
Total General Government Funds minus Grants & Note/Bond =		\$ 4,484,254
Charter Target Estimate =		3,425,888
Net General Government MINUS Target =		\$ 1,058,366
Prior Year Re-appropriations MINUS Reimbursements associated with the Re-appropriations =		\$ 1,636,233

Total General Government Funds minus Grants & Note/Bond =	\$ 4,484,254
Total Water Funds minus Grants =	998,224
Total Sanitary Funds minus Grants =	679,062
Total Storm Funds minus Grants =	710,818
Total Local Funds Cost =	\$ 6,872,358

Total Water Funds =	\$ 1,532,474
Total Water Grants =	534,250
Total Water Funds minus Grants =	\$ 998,224
Total Sanitary Funds =	\$ 1,027,401
Total Sanitary Grants =	348,339
Total Sanitary Funds minus Grants =	\$ 679,062
Total Storm Funds =	\$ 1,279,318
Total Storm Grants =	568,500
Total Storm Funds minus Grants =	\$ 710,818

2020 CIP for Year 2021

Row No	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
1	2008CIP012	SW Sanitary Pump Station						\$ 2,500,000		\$ 2,500,000			\$ 2,400,000		\$ 2,400,000	\$ 100,000	OEPA Loans required to fund project
2	2011CIP007	Miller/Harvey/Steele Storm and Water Replacement							\$ 65,000	65,000						65,000	
3	2011KSD001	SAC Roof Replacement													-	-	Postponed till 2022
4	2011WRF010	Digester Heat Exchangers								-	-				-	-	Postponed till 2022
5	2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 19,756	\$ 19,756				19,756					-	19,756	
6	2014WRF004	Motor Control Center Replacements				-				-	-				-	-	Postponed till 2022
7	2015CIP004	Majors/Stinaff/Cuyahoga Waterline Replacement				-	\$ 915,000		50,000	965,000		\$ 395,000		395,000	570,000	Submitted to OPWC (\$245k Grant & \$150k no-interest loan)	
8	2015CMD009	Stump Grinder		\$ 55,000		55,000				55,000				-	55,000		
9	2016KFD007	West Side Fire Station Expansion/Renovation	\$ 125,000			125,000				125,000				-	125,000		
10	2017ENG003	Engineering Vehicle Replacement		10,000		10,000	10,000	10,000	10,000	40,000					-	40,000	
11	2018CIP012	Sanitary Sewer Televising				-				-					-	-	Removed due to lack of funding
12	2018CMD007	Street Sweeper		180,000		180,000			90,000	270,000					-	270,000	
13	2018CMD011	Hoe / Excavator		100,000		100,000	50,000	50,000	50,000	250,000					-	250,000	From 2020
14	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets			4,420	4,420				4,420					-	4,420	
15	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road			12,307	12,307				12,307					-	12,307	
16	2019DSR002	Issue II Loan - E Summit St Improvement			25,000	25,000				25,000					-	25,000	
17	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	
18	2019KPD007	Unmarked DB cars (2)		35,000		35,000				35,000					-	35,000	
19	2020CIP006	North-South Sewer Planning Study		-		-				-					-	-	Postponed due to lack of funding
20	2020CIP010	ADA Transition Plan		50,000		50,000				50,000					-	50,000	
21	2020CMD002	Pickup Trucks (2)		18,000		18,000	18,000	18,000	18,000	72,000					-	72,000	
22	2020CMD004	One Ton Dump Truck		75,000		75,000				75,000					-	75,000	
23	2020KVM001	Pickup Truck		20,000		20,000	5,000	5,000		30,000					-	30,000	
24	2021CIP001	Annual Sidewalk/Street Program - Construction		1,670,000		1,670,000			40,000	1,710,000	695,000			695,000	1,015,000	\$325k received for Middlebury Rd from OPWC \$370k received for Harris St from OPWC	
25	2021CIP002	Sidewalk Street Tree Damage Repairs		5,000		5,000				5,000					-	5,000	Added per KCC 6/17/15
26	2021CIP004	SAC Parking Lot Replacement		-		-				-					-	-	Postponed till 2023
27	2021CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		20,000		20,000				20,000					-	20,000	
28	2021CIP006	East Main Pedestrian Lighting		100,000		100,000				100,000					-	100,000	
29	2021CIP007	Storm Sewer Design Standards Update				-			40,000	40,000					-	40,000	
30	2021CIP008	Dodge Street Sewer Lining				-				-					-	-	Postponed due to lack of funding
31	2021CIP009	Walnut Street - Phase 1		202,000		202,000	98,700		77,500	378,200					-	378,200	Remaining Balance Funded by CDBG
32	2021CIP010	Mogadore Tank Study				-	50,000			50,000					-	50,000	
33	2021CIP011	Gougler/River Safety Study		20,000		20,000				20,000					-	20,000	

2020 CIP for Year 2021

Row No	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
34	2021CIP012	2021 Engineering Specifications Update		12,500		12,500	12,500	12,500	12,500	50,000					-	50,000	
35	2021CIP013	2021 Engineering Standard Construction Drawing Update		12,500		12,500	12,500	12,500	12,500	50,000					-	50,000	
36	2021CIP014	Active Transportation Acquisition		75,000		75,000				75,000					-	75,000	
37	2021CIP015	Portage H&B Trail Planning Study (Tannery to Main Street)		25,000		25,000				25,000					-	25,000	
38	2021CIP016	Sunrise Bridge Rehabilitation		30,000		30,000				30,000					-	30,000	
39	2021CIP017	East Main Storm Lining				-			100,000	100,000					-	100,000	
40	2021CIP018	West Main Street Sidepath		50,000		50,000				50,000					-	50,000	In conjunction with private development
41	2021CIP019	College/Franklin Parking Lot Improvements		300,000		300,000				300,000					-	300,000	
42	2021CIP020	Columbus Street Parking Lot		-		-				-					-	-	Postponed till 2023
43	2021CMD001	CM, Misc. Equipment		40,000		40,000	-	-		40,000					-	40,000	
44	2021CMD004	Leaf Collector Truck, Chassie Only		90,000		90,000				90,000					-	90,000	
45	2021DSR001	City Hall Bond Issue			392,425	392,425				392,425	-				-	392,425	Est - \$7.5 Million Bond Issue at 3% for 20 Years
46	2021KFD001	Fire Miscellaneous Equipment	30,000			30,000				30,000					-	30,000	
47	2021KFD002	Fire Vehicle Replacement Fund	300,000			300,000				300,000					-	300,000	
48	2021KFD003	Tower 1819 Replacement	-			-				-	-				-	-	Defer Project to 2022. Seek partial funding from KSU due to unique service needs.
49	2021KFD004	Fire Turnout Gear Replacement	32,000			32,000				32,000					-	32,000	Replace 12 sets each year for 3 years, beginning in 2019
50	2021KPD001	Police Miscellaneous Equipment		35,000		35,000				35,000					-	35,000	
51	2021KPD004	Acquistion and Training of K-9 Team		15,000		15,000				15,000					-	15,000	
52	2021KPD006	Taser Assurance (Replacement) Program		3,570		3,570				3,570					-	3,570	
53	2021KPD007	Police Ballistic Vests		20,000		20,000				20,000					-	20,000	Reimbursable Grant potential \$15,000
54	2021KPD008	Body Cameras		300,000		300,000				300,000					-	300,000	
55	2021KSD002	Standing Rock Cemetary - Wall Replacement		100,000		100,000				100,000					-	100,000	
56	2021KSD004	Misc. Roadway Lighting Equipment		10,000		10,000				10,000					-	10,000	
57	2021KSS002	Fire Suppresion for Server Room (KPD)		20,000		20,000				20,000					-	20,000	
58	2021KSS003	Backup Firewall Internet Connection (SAC)		5,000		5,000				5,000					-	5,000	
59	2021WRF001	WRF, Misc. Plant Equipment				-		60,000		60,000					-	60,000	
60	2021WRF004	#3 Aeration Grid Replacement				-		100,000		100,000					-	100,000	
61	2021WRF005	Emergency Plant Generator Hookup				-		25,000		25,000					-	25,000	
62	2021WRF006	Plant Water Pump				-		5,000		5,000					-	5,000	
63	2021WRF007	Influent Headworks Building				-		15,000		15,000					-	15,000	
64	2021WTP001	WTP, Misc. Plant Equipment				-	35,000			35,000					-	35,000	
65	2021WTP002	Lime Slacker including Installation				-	-			-					-	-	Postponed till 2022
66	2021WTP004	Replace Kenworth Dumptruck				-	-			-					-	-	Postponed till 2022

2020 CIP for Year 2021

Row No	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
67	2021WTP006	Well #9 Installation				-	150,000			150,000					-	150,000	
68	2021WTP007	Wellfield Maintenance Agreement					80,000			80,000					-	80,000	
69	2022WRF011	Final Clarifiers Rehabilitation - Phase 1				-		2,213,300		2,213,300			800,000		800,000	1,413,300	Submitted to OPWC (includes \$650,000 in Grants & \$150,000 in no interest loan)
2019 CIP Program Funding Totals for 2021:			\$ 752,000	\$ 3,703,570	\$ 453,908	\$ 4,909,478	\$ 1,436,700	\$ 5,026,300	\$ 565,500	\$ 11,937,978	\$ 933,500	\$ 395,000	\$ 3,200,000	\$ -	\$ 4,528,500	\$ 7,409,478	

Legend:

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

General Government Funds Summary Analysis		2020 for 2021
		CAP
Total Fire/EMS =	\$	752,000
Total Cap. Proj. =		3,703,570
Total Fire/EMS plus Cap. Proj. =	\$	4,455,570
Total Debt Service =		453,908
Total General Government =	\$	4,909,478
Total Grants for Cap. Projects and Proceeds from Note/Bond =		933,500
Total General Government Funds minus Grants & Note/Bond =	\$	3,975,978
Charter Target Estimate =		3,198,222
Net General Government MINUS Target =	\$	777,756

Total General Government Funds minus Grants & Note/Bond =	\$	3,975,978
Total Water Funds minus Grants =		1,041,700
Total Sanitary Funds minus Grants =		1,826,300
Total Storm Funds minus Grants =		565,500
Total Local Funds Cost =	\$	7,409,478

Total Water Funds =	\$	1,436,700
Total Water Grants =		395,000
Total Water Funds minus Grants =	\$	1,041,700
Total Sanitary Funds =	\$	5,026,300
Total Sanitary Grants =		3,200,000
Total Sanitary Funds minus Grants =	\$	1,826,300
Total Storm Funds =	\$	565,500
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	565,500

2020 CIP for Year 2022

Row No	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
1	2011KSD001	SAC Roof Replacement		\$ 15,000		\$ 15,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 30,000					\$ -	\$ 30,000	
2	2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 19,756	19,756				19,756					-	19,756	
3	2014WRF004	Motor Control Center Replacements				-		83,700		83,700					-	83,700	
4	2015CIP017	Rellim, Lincoln & Bowman Area Waterline Improvement				-	-			-					-	-	Study delayed to higher priorities
5	2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank				-	400,000			400,000					-	400,000	Potential OPWC funding
6	2018CIP012	Sanitary Sewer Televising				-		70,000		70,000					-	70,000	
7	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets			4,420	4,420				4,420					-	4,420	
8	2019CIP004	East Main Street Area Improvements		2,600,000		2,600,000				2,600,000	\$ 2,470,000			2,470,000	130,000		Includes anticipated HSP Funding (90%) & KSU Funding (10%)
9	2019CMD004	Vehicle GPS System		33,000		33,000	8,500	8,500		50,000					-	50,000	
10	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road			12,307	12,307				12,307					-	12,307	
11	2019DSR002	Issue II Loan - E Summit St Improvement			25,000	25,000				25,000					-	25,000	
12	2019KPD008	Gas Mask Replacement Project		17,000		17,000				17,000					-	17,000	
13	2019KSS002	AntiVirus System Replacement		15,000		15,000	-	-	-	15,000					-	15,000	
14	2020CIP006	North-South Sewer Planning Study				-		50,000		50,000					-	50,000	
15	2020CMD003	Salt Storage		175,000		175,000				175,000					-	175,000	
16	2020WRF008	Installation of Generator into Pretreatment Area				-		30,000		30,000					-	30,000	
17	2021CIP008	Dodge Street Sewer Lining				-		100,000		100,000					-	100,000	
18	2021CMD003	Fork Lift		20,000		20,000	5,000	5,000		30,000					-	30,000	
19	2021CMD008	Brush Chipper		80,000		80,000				80,000					-	80,000	
20	2021CMD009	Paver		300,000		300,000				300,000					-	300,000	
21	2021CMD012	Snowplow		200,000		200,000				200,000					-	200,000	
22	2021DSR001	City Hall Bond Issue			534,850	534,850				534,850					-	534,850	Est - \$7.5 Million Bond Issue at 3% for 20 Years
23	2021KVM005	Service Truck		48,000		48,000	16,000	16,000		80,000					-	80,000	
24	2021WTP002	Lime Slacker including Installation				-	130,000			130,000					-	130,000	
25	2021WTP004	Replace Kenworth Dump Truck				-	180,000			180,000					-	180,000	
26	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
27	2022CIP002	Sidewalk Street Tree Damage Repairs		5,000		5,000	-			5,000					-	5,000	Added per KCC 6/17/15
28	2022CIP004	Riverside Court Watermain				-	-			-					-	-	Delayed due to higher priorities
29	2022CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		30,000		30,000				30,000					-	30,000	
30	2022CIP006	ODOT - SR 43 Paving (PID # - TBD)		200,000		200,000				200,000					-	200,000	ODOT Urban Paving Program matching funds
31	2022CIP007	Harris Street Sanitary Sewer Lining				-		150,000		150,000					-	150,000	
32	2022CIP008	Gougler/River Streets Improvements		100,000		100,000				100,000					-	100,000	Pursuing Highway Safety Program Funding
33	2022CIP009	Water Meter Study				-	50,000			50,000					-	50,000	

2020 CIP for Year 2022

Row No	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
34	2022CIP011	Sanitary Sewer Model Update				-		40,000		40,000					-	40,000	
35	2022CIP012	2022 Engineering Specifications Update		12,500		12,500	12,500	12,500	12,500	50,000					-	50,000	
36	2022CIP013	2022 Engineering Standard Construction Drawing Update		12,500		12,500	12,500	12,500	12,500	50,000					-	50,000	
37	2022CIP014	Sanitary Design Standards				-		25,000		25,000					-	25,000	
38	2022CIP016	Sunrise Bridge Rehabilitation		50,000		50,000				50,000					-	50,000	
39	2022CMD001	CM Miscellaneous Equipment		40,000		40,000	-	-		40,000					-	40,000	
40	2022CMD002	Pickup truck				-	16,500	16,500		33,000					-	33,000	
41	2022KFD001	Fire Miscellaneous Equipment	\$ 40,000			40,000				40,000					-	40,000	
42	2022KFD002	Fire Vehicle Replacement Fund	350,000			350,000				350,000					-	350,000	
43	2022KFD004	Replace or Refurbish 2012 Lifeline Med Unit	200,000			200,000				200,000	200,000			200,000	-		
44	2022KPD001	Police Miscellaneous Equipment		40,000		40,000				40,000					-	40,000	
45	2022KPD003	Unmarked Replacement ('08 Impala)		20,000		20,000				20,000					-	20,000	
46	2022KPD007	Dispatch Console Replacement		500,000		500,000				500,000					-	500,000	
47	2022KSD001	Service Administration Building Remodeling		140,000		140,000	20,000	20,000	20,000	200,000					-	200,000	
48	2022KSD004	Misc. Roadway Lighting Equipment		10,000		10,000				10,000					-	10,000	
49	2022KSS001	Network Equipment Replacement		50,000		50,000	-	-	-	50,000					-	50,000	
50	2022WRF001	WRF, Misc. Plant Equipment				-		60,000		60,000					-	60,000	
51	2022WRF003	Turbo 10 year replacement parts				-		35,000		35,000					-	35,000	
52	2022WRF011	Final Clarifiers Rehabilitation - Phase 2				-		2,400,000		2,400,000					-	2,400,000	Potential OPWC funding
53	2022WTP001	WTP, Misc. Plant Equipment				-	35,000			35,000					-	35,000	
54	2022WTP003	CO2 Installation and Building				-	50,000			50,000					-	50,000	
55	2022WTP004	Mogadore Tank Painting and Rehabilitation				-	75,000			75,000					-	75,000	
56	2022WTP007	Wellfield Maintenance Agreement				-	100,000			100,000					-	100,000	
57	2022KPD004	Fingerprint Machine Replacement		12,000		12,000				12,000					-	12,000	
58	2011WRF010	Digester Heat Exchangers						4,900,000		4,900,000					-	4,900,000	

2020 CIP for Year 2022

Row No	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
		2019 CIP Program Funding Totals for 2022:	\$ 590,000	\$ 6,075,000	\$ 596,333	\$ 7,261,333	\$ 1,116,000	\$ 8,039,700	\$ 70,000	\$ 16,487,033	\$ 2,670,000	\$ -	\$ -	\$ -	\$ 2,670,000	\$ 13,817,033	

Legend:

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

General Government Funds Summary Analysis		2020 for 2022
		CAP
Total Fire/EMS =	\$	590,000
Total Cap. Proj. =		6,075,000
Total Fire/EMS plus Cap. Proj. =	\$	6,665,000
Total Debt Service =		596,333
Total General Government =	\$	7,261,333
Total Grants for Cap. Projects and Proceeds from Note/Bond =		2,670,000
Total General Government Funds minus Grants & Note/Bond =	\$	4,591,333
Charter Target Estimate =		3,355,556
Net General Government MINUS Target =	\$	1,235,777

Total General Government Funds minus Grants & Note/Bond =	\$	4,591,333
Total Water Funds minus Grants =		1,116,000
Total Sanitary Funds minus Grants =		8,039,700
Total Storm Funds minus Grants =		70,000
Total Local Funds Cost =	\$	13,817,033

Total Water Funds =	\$	1,116,000
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,116,000
Total Sanitary Funds =	\$	8,039,700
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	8,039,700
Total Storm Funds =	\$	70,000
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	70,000

2020 CIP for Year 2023

Row No	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	
1	2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 19,756	\$ 19,756					\$ 19,756					\$ -	\$ 19,756	
2	2014WRF004	Motor Control Center Replacements				-		\$ 650,000			650,000					-	650,000	Potential OPWC Funding
3	2015CIP009	Leonard / Francis Waterline Replacement					\$ 85,000				85,000					-	85,000	
4	2018CIP012	Sanitary Sewer Televising							70,000		70,000					-	70,000	
5	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets			4,420	4,420					4,420					-	4,420	
6	2019CIP009	Walnut Street - Phase 2 Reconstruction		\$ 175,200		175,200				\$ 42,100	217,300					-	217,300	Remaining balance funded by CDBG
7	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road			12,307	12,307					12,307					-	12,307	
8	2019DSR002	Issue II Loan - E Summit St Improvement			25,000	25,000					25,000					-	25,000	
9	2020KSS002	Virtualization Software Licensing		6,000		6,000					6,000					-	6,000	
10	2021CIP004	SAC Parking Lot Replacement		280,000		280,000	40,000	40,000	40,000		400,000					-	400,000	
11	2021CIP004	East Main Street Pedestrian Lighting		738,000		738,000					738,000					-	738,000	
12	2021DSR001	City Hall Bond Issue			534,850	534,850					534,850					-	534,850	Est - \$7.5 Million Bond Issue at 3% for 20 Years
13	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
14	2022CIP002	Sidewalk Street Tree Damage Repairs		5,000		5,000					5,000					-	5,000	Added per KCC 6/17/15
15	2022CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		30,000		30,000					30,000					-	30,000	
16	2022CIP008	Gougler/River Streets Improvements		900,000		900,000	-				900,000					-	900,000	Pursuing HSP Funding
17	2022CMD003	Leaf Truck		160,000		160,000					160,000					-	160,000	
18	2022CMD005	One Ton Dump Truck		75,000		75,000					75,000					-	75,000	
19	2022CMD007	Roadside Mower		60,000		60,000					60,000					-	60,000	
20	2022CMD008	Storage Facility		40,000		40,000	20,000	20,000	20,000		100,000					-	100,000	
21	2022CMD009	Water Tank System		50,000		50,000					50,000					-	50,000	
22	2022KSD004	Misc. Roadway Lighting Equipment		10,000		10,000					10,000					-	10,000	
23	2022WRF004	Aeration Basin Rehabilitation				-		58,500			58,500					-	58,500	
24	2022WTP003	CO2 Installation and Building				-	200,000				200,000					-	200,000	
25	2022WTP004	Mogadore Tank Painting and Rehabilitation				-	750,000				750,000					-	750,000	Potential OPWC Funding
26	2023CIP004	West Main Street Signalization Study		25,000		25,000					25,000					-	25,000	
27	2023CIP012	2023 Engineering Specifications Update		12,500		12,500	12,500	12,500	12,500		50,000					-	50,000	
28	2023CIP013	2023 Engineering Standard Construction Drawing Update		12,500		12,500	12,500	12,500	12,500		50,000					-	50,000	
29	2023CMD001	CM Miscellaneous Equipment		40,000		40,000	-	-			40,000					-	40,000	
30	2023CMD002	Pickup truck				-	16,500	16,500			33,000					-	33,000	
31	2023CMD003	Easement Machine				-		55,000			55,000					-	55,000	

2020 CIP for Year 2023

Row No	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	
32	2023CMD006	Water Repair Van				-	165,000				165,000					-	165,000	
33	2023KFD001	Fire Miscellaneous Equipment	\$ 40,000			40,000					40,000					-	40,000	
34	2023KFD002	Fire Vehicle Replacement Fund	350,000			350,000					350,000					-	350,000	
35	2023KFD003	Replace F-150 Fire Prevention Pickup Truck #1866	50,000			50,000					50,000	\$ 50,000				50,000	-	
36	2023KFD004	2004 Seagrave Engine Replacement	700,000			700,000					700,000	700,000				700,000	-	
37	2023KFD005	Station 1 - Garage Door Replacement (1/6)	50,000			50,000					50,000					-	50,000	
38	2023KPD001	Police Miscellaneous Equipment		40,000		40,000					40,000					-	40,000	
39	2023KPD005	Cruiser Replacements (9)		375,000		375,000					375,000					-	375,000	
40	2023KSS002	Virtual Server Cluster Upgrade		50,000		50,000					50,000					-	50,000	
41	2023KVM001	Air Conditioner Maintenance Machine		4,200		4,200	1,400	1,400			7,000					-	7,000	
42	2023KVM002	Tire Storage		15,000		15,000	5,000	5,000			25,000					-	25,000	
43	2023KVM003	Tire Balancer		2,400		2,400	800	800			4,000					-	4,000	
44	2023WRF001	WRF, Misc. Plant Equipment				-		60,000			60,000					-	60,000	
45	2023WRF003	Rehabilitate #1 Primary Clarifier				-		300,000			300,000					-	300,000	
46	2023WRF004	Replace Mechanical System of Detritus Tank				-		150,000			150,000					-	150,000	
47	2023WTP001	WTP, Misc. Plant Equipment				-	35,000				35,000					-	35,000	
48	2023WTP003	Tank Cleaning and Inspection				-	100,000				100,000					-	100,000	
49	2023WTP004	Filter Actuator Replacement				-	350,000				350,000					-	350,000	
50	2023WTP007	Wellfield Maintenance Agreement				-	100,000				100,000					-	100,000	
51	2021CIP020	Columbus Street Parking Lot		\$ 350,000		350,000					350,000					-	350,000	

2020 CIP for Year 2023

Row No	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
		2019 CIP Program Funding Totals for 2023:	\$ 1,190,000	\$ 4,855,800	\$ 596,333	\$ 6,642,133	\$ 1,893,700	\$ 1,452,200	\$ 147,100	\$ 10,135,133	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000	\$ 9,385,133	

Legend:

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

General Government Funds Summary Analysis		2020 for 2023
		CAP
Total Fire/EMS =	\$	1,190,000
Total Cap. Proj. =		4,855,800
Total Fire/EMS plus Cap. Proj. =	\$	6,045,800
Total Debt Service =		596,333
Total General Government =	\$	6,642,133
Total Grants for Cap. Projects and Proceeds from Note/Bond =		750,000
Total General Government Funds minus Grants & Note/Bond =	\$	5,892,133
Charter Target Estimate =		3,527,389
Net General Government MINUS Target =	\$	2,364,744

Total General Government Funds minus Grants & Note/Bond =	\$	5,892,133
Total Water Funds minus Grants =		1,893,700
Total Sanitary Funds minus Grants =		1,452,200
Total Storm Funds minus Grants =		147,100
Total Local Funds Cost =	\$	9,385,133

Total Water Funds =	\$	1,893,700
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,893,700
Total Sanitary Funds =	\$	1,452,200
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	1,452,200
Total Storm Funds =	\$	147,100
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	147,100

2020 CIP for Year 2024

Row No	Proj. No.	Project Name	2024 Programmed Funding*							2024 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	
1	2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 19,756	\$ 19,756								\$ -	\$ 19,756			
2	2015CIP009	Leonard / Francis Waterline Replacement					\$ 800,000							800,000				
3	2015CIP017	Rellim, Lincoln & Bowman Area Waterline Study						50,000						50,000				
4	2018CIP012	Sanitary Sewer Televising							\$ 70,000					70,000				
5	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets			4,420	4,420								4,420				
6	2019CIP004	East Main Street Area Improvements		\$ 16,455,556		16,455,556								16,455,556	\$ 15,032,778	15,032,778	1,422,778	Anticipated ODOT/AMATS Funding(83%) Anticipated KSU Funding (8.5%)
7	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road			12,307	12,307								12,307				
8	2019DSR002	Issue II Loan - E Summit St Improvement			25,000	25,000								25,000				
9	2021CIP016	Sunrise Bridge Rehabilitation		650,000		650,000								650,000	612,297	612,297	37,703	Received Municiple Bridge Funding (\$612,297)
10	2021DSR001	City Hall Bond Issue			534,850	534,850								534,850				Est - \$7.5 Million Bond Issue at 3% for 20 Years
11	2021KFD003	Tower 1819 Replacement	\$ 1,250,000			1,250,000								1,250,000	1,250,000			Deferred Project from 2021. Seek partial additional funding from KSU due to unique service needs.
12	2022KSD004	Misc. Roadway Lighting Equipment		10,000		10,000								10,000				
13	2022WRF004	Aeration Basin Rehabilitation							429,000					429,000				
14	2023CMD004	Electrical Equipment Van						20,000	20,000					40,000				
15	2023CMD005	Snow Plow		210,000		210,000								210,000				
16	2023KVM004	Floor Repair		6,000		6,000	2,000	2,000						10,000				
17	2023WTP001	WTP, Misc. Plant Equipment					35,000							35,000				
18	2024CIP001	Annual Sidewalk/Street Program - Construction		1,450,000		1,450,000				\$ 20,000				1,470,000				\$50k Set Aside for Sidewalks Outside of Street Programs
19	2024CIP002	Sidewalk Street Tree Damage Repairs		5,000		5,000								5,000				Added per KCC 6/17/15
20	2024CIP004	Water Meter Replacement					250,000							250,000				
21	2024CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		40,000		40,000								40,000				
22	2024CIP012	2024 Engineering Specifications Update		12,500		12,500	12,500	12,500	12,500					50,000				
23	2024CIP013	2024 Engineering Standard Construction Drawing Update		12,500		12,500	12,500	12,500	12,500					50,000				
24	2024CMD001	CM Miscellaneous Equipment		40,000		40,000								40,000				
25	2024CMD002	Pickup truck					16,500	16,500						33,000				
26	2024CMD003	Sewer Jet		220,000		220,000	110,000	110,000	110,000					550,000				
27	2024KFD001	Fire Miscellaneous Equipment	40,000			40,000								40,000				
28	2024KFD002	Fire Vehicle Replacement Fund	350,000			350,000								350,000				
29	2024KFD003	Station 1 - Garage Door Replacement (2/6)	65,000			65,000								65,000				
30	2024KPD001	Police Miscellaneous Equipment		40,000		40,000								40,000				
31	2024KPD002	Parking System Tablets (Replace 2)		8,000		8,000								8,000				
32	2024KPD006	Taser Replacements (16)		25,000		25,000								25,000				
33	2024KSS001	Website Redesign		15,000		15,000								15,000				

2020 CIP for Year 2024

Row No	Proj. No.	Project Name	2024 Programmed Funding*							2024 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
34	2024WRF001	WRF, Misc. Plant Equipment				-		60,000			60,000				-	60,000	
35	2024WRF004	Press Rehabilitation				-		40,000			40,000				-	40,000	
36	2024WRF005	Effluent Area Valve Rehabilitation				-		30,000			30,000				-	30,000	
37	2024WTP004	Replace 1-ton Dump Truck				-	60,000			60,000					-	60,000	
38	2024WTP005	Roof Repairs				-	50,000			50,000					-	50,000	
39	2024WTP007	Well Field Maintenance Agreement				-	100,000			100,000					-	100,000	
2019 CIP Program Funding Totals for 2024:			\$ 1,705,000	\$ 19,199,556	\$ 596,333	\$ 21,500,889	\$ 1,518,500	\$ 802,500	\$ 155,000	\$ 23,976,889	\$ 16,895,075	\$ -	\$ -	\$ -	\$ 16,895,075	\$ 7,081,814	

Legend:

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

General Government Funds Summary Analysis		2020 for 2024
		CAP
Total Fire/EMS =	\$	1,705,000
Total Cap. Proj. =		19,199,556
Total Fire/EMS plus Cap. Proj. =	\$	20,904,556
Total Debt Service =		596,333
Total General Government =	\$	21,500,889
Total Grants for Cap. Projects and Proceeds from Note/Bond =		16,895,075
Total General Government Funds minus Grants & Note/Bond =	\$	4,605,814
Charter Target Estimate =		3,644,000
Net General Government MINUS Target =	\$	961,814

Total General Government Funds minus Grants & Note/Bond =	\$	4,605,814
Total Water Funds minus Grants =		1,518,500
Total Sanitary Funds minus Grants =		802,500
Total Storm Funds minus Grants =		155,000
Total Local Funds Cost =	\$	7,081,814

Total Water Funds =	\$	1,518,500
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,518,500
Total Sanitary Funds =	\$	802,500
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	802,500
Total Storm Funds =	\$	155,000
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	155,000

2020 CIP for Year 2025

Row No	Proj. No.	Project Name	2025 Programmed Funding*							2025 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
1	2013DSR001	Issue II Loan - Downtown Erie-Depeyster			\$ 19,759	\$ 19,759					\$ 19,759				\$ -	\$ 19,759	
2	2015CIP017	Rellim, Lincoln & Bowman Area Water Line Improvements				-	\$ 150,000				150,000				-	150,000	
3	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets			4,420	4,420					4,420				-	4,420	
4	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road			12,307	12,307					12,307				-	12,307	
5	2019DSR002	Issue II Loan - E Summit St Improvement			25,000	25,000					25,000				-	25,000	
6	2021DSR001	City Hall Bond Issue			534,850	534,850					534,850				-	534,850	Est - \$7.5 Million Bond Issue at 3% for 20 Years
7	2024CMD004	One Ton Dump Truck		\$ 80,000		80,000					80,000				-	80,000	
8	2024CMD005	Push Camera				-		\$ 7,500	\$ 7,500		15,000				-	15,000	
9	2024CMD006	Asphalt Roller		30,000		30,000					30,000				-	30,000	
10	2025CIP001	Annual Sidewalk/Street Program - Construction		1,450,000		1,450,000			20,000		1,470,000				-	1,470,000	\$50k Set Aside for Sidewalks Outside of Street Programs
11	2025CIP002	Sidewalk Street Tree Damage Repairs		5,000		5,000					5,000				-	5,000	Added per KCC 6/17/15
12	2025CIP004	Sanitary Sewer Televising				-		70,000			70,000				-	70,000	
13	2025CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)		40,000		40,000					40,000				-	40,000	
14	2025CMD001	CM Miscellaneous Equipment		42,000		42,000					42,000				-	42,000	
15	2025CMD002	Pickup Truck (2)				-	35,000	35,000			70,000				-	70,000	
16	2025CMD003	Vehicle Storage Fire Suppression System		45,000		45,000	15,000	15,000			75,000				-	75,000	
17	2025CMD004	Central Maintenance Managers Pickup Trucks (2)		28,000		28,000	17,500	17,500	7,000		70,000				-	70,000	
18	2025CMD005	Locker Room Renovation		12,000		12,000	7,500	7,500	3,000		30,000				-	30,000	
19	2025CMD006	Leaf Truck		180,000		180,000					180,000				-	180,000	
20	2025CMD007	Basin Repair Trailer				-			35,000		35,000				-	35,000	
21	2025CMD008	Asphalt Hot Box Trailer		25,000		25,000					25,000				-	25,000	
22	2025KFD001	Fire Miscellaneous Equipment	\$ 40,000			40,000					40,000				-	40,000	
23	2025KFD002	Fire Vehicle Replacement Fund	350,000			350,000					350,000				-	350,000	
24	2025KFD003	Station 1 Light Vehicle Replacement	55,000			55,000					55,000	\$ 55,000		55,000	-		
25	2025KFD004	Fire Chief Response Vehicle Replacement	50,000			50,000					50,000	50,000		50,000	-		
26	2025KPD001	Police Miscellaneous Equipment		40,000		40,000					40,000				-	40,000	
27	2025KPD002	Replace 2010 Dodge Caravan		20,000		20,000					20,000				-	20,000	
28	2025KPD003	Replace 2008 F350 Prisoner Transport		25,000		25,000					25,000				-	25,000	
29	2025KPD005	K-9 Acquisition/Training (Replace Janik)		15,000		15,000					15,000				-	15,000	
30	2025KPD006	Taser Replacement		27,000		27,000					27,000				-	27,000	
31	2025KSS001	AntiVirus System Replacement		15,000		15,000					15,000				-	15,000	
32	2025KVM001	Locker Room Renovation		9,000		9,000	3,000	3,000			15,000				-	15,000	
33	2025WRF001	WRF, Misc. Plant Equipment				-		60,000			60,000				-	60,000	

2020 CIP for Year 2025

Row No	Proj. No.	Project Name	2025 Programmed Funding*							2025 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
34	2025WTP001	WTP, Misc. Plant Equipment				-	35,000			35,000					-	35,000	
35	2025WTP002	Lime Slacker Including Installation				-	150,000			150,000					-	150,000	
36	2025WTP003	Replace Interior Plumbing at WTP				-	150,000			150,000					-	150,000	
37	2025WTP007	Wellfield Maintenance Agreement				-	100,000			100,000					-	100,000	
38	2025WTP008	SCADA Upgrades				-	50,000			50,000					-	50,000	
2019 CIP Program Funding Totals for 2024:			\$ 495,000	\$ 2,088,000	\$ 596,336	\$ 3,179,336	\$ 713,000	\$ 215,500	\$ 72,500	\$ 4,180,336	\$ 105,000	\$ -	\$ -	\$ -	\$ 105,000	\$ 4,075,336	

Legend:

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

General Government Funds Summary Analysis		2020 for 2025
		CAP
Total Fire/EMS =	\$	495,000
Total Cap. Proj. =		2,088,000
Total Fire/EMS plus Cap. Proj. =	\$	2,583,000
Total Debt Service =		596,336
Total General Government =	\$	3,179,336
Total Grants for Cap. Projects and Proceeds from Note/Bond =		105,000
Total General Government Funds minus Grants & Note/Bond =	\$	3,074,336
Charter Target Estimate =		3,787,933
Net General Government MINUS Target =	\$	(713,597)

Total General Government Funds minus Grants & Note/Bond =	\$	3,074,336
Total Water Funds minus Grants =		713,000
Total Sanitary Funds minus Grants =		215,500
Total Storm Funds minus Grants =		72,500
Total Local Funds Cost =	\$	4,075,336

Total Water Funds =	\$	713,000
Total Water Grants =		-
Total Water Funds minus Grants =	\$	713,000
Total Sanitary Funds =	\$	215,500
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	215,500
Total Storm Funds =	\$	72,500
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	72,500

**2019 CAP PLAN UPDATE
2019 - 2024 Project Descriptions**

Item #	Project #	Description The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.						6-Year	
			2020	2021	2022	2023	2024	2025	Total 2020 - 2025
CAPITAL PROJECTS									
1	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. The project was completed in 2019, with funding received from ODOT, AMATS, OPWC and KSU.	\$ 67,600						\$ 67,600
2	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.	10,000						10,000
3	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.	94,959	\$ 2,500,000					2,594,959
4	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.	1,888,000	65,000					1,953,000
5	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.	50,000						50,000
6	2015CIP004	Majors/Stinaff/Cuyahoga Area Waterline Replacement - 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.	200,000	965,000					1,165,000
7	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	10,000						10,000
8	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 87 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
9	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.	20,000						20,000
10	2015CIP017	Rellim, Lincoln & Bowman Area Waterline Study - 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.					50,000	\$ 150,000	200,000
11	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.	7,531,000	-					7,531,000
12	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
13	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.	1,697,650						1,697,650
14	2018CIP010	Sunrise Bridge Replacement - This project includes preparing the funding application to ODOT's Municipal Bridge Program. The original intent was to replace the structure. However, after being unsuccessful with receiving funding and at the request of ODOT we evaluated the potential to rehabilitate the bridge. Rehabilitation of the existing bridge is a viable option and we were awarded funding.	8,750						8,750
15	2018CIP012 2025CIP004	Sanitary Sewer Televising - This annual project includes the televising of the existing sanitary sewer system to determine structural deficiencies and program their repair/replacement.	1,400		\$ 70,000	70,000	70,000	70,000	281,400
16	2018CIP014	Utility Mapping Update - This project will improve our existing utility infrastructure mapping, by field locating items to supplement the plan records and moving the information to a format that easier to access.	22,500						22,500
17	2019CIP003	Pilot Sidewalk Programs - This project includes the creation of two new sidewalk programs to assist property owners in addressing the condition of the sidewalks adjacent to their properties.	30,000						30,000
18	2019CIP004	East Main Street Area Improvements - This project is currently in the planning/design phase to identify a solution to improve vehicular, bicycle and pedestrian safety along East Main Street from Willow Street to Horning Road. This phase includes a significant amount of public involvement in determining the final solution. The improvements are also intended to help preserve/improve the residential neighborhoods	1,000,000		2,600,000		16,455,556		20,055,556
19	2019CIP007	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
20	2020CIP001 2021CIP001 2022CIP001 2023CIP001 2024CIP001 2025CIP001	Annual Sidewalk/Street Program Construction - 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.	1,747,000	1,710,000	1,370,000	1,420,000	1,470,000	1,470,000	9,187,000
21	2020CIP002 2021CIP002 2022CIP002 2023CIP002 2024CIP002 2025CIP002	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.	25,000	5,000	5,000	5,000	5,000	5,000	50,000
22	2020CIP005 2021CIP005 2022CIP005 2023CIP005 2024CIP005 2025CIP005	Miscellaneous Active Transportation Improvements - 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.	20,000	20,000	30,000	30,000	40,000	40,000	180,000
23	2020CIP006	North-South Sewer Planning Study - This project includes determining potential options and phasing for replacement of the major north-south trunk sewer located along the Cuyahoga River.			50,000				50,000
24	2020CIP007	ODOT - SR 59 Paving (PID #110168) - 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 River Street.	445,000						445,000
25	2020CIP008	Franklin/Erie Street Curb Extension - This project consists of adding a curb extension (bump out) on Erie Street at the northeast corner of the intersection of Erie and Franklin Streets. This project is planned to be in conjunction with the proposed development on the southeast corner of the intersection that is planned to install a curb extension on Erie Street at the southeast corner of the intersection.	50,000						50,000
26	2020CIP009	North Mantua Street Access Study - This project includes evaluating the current street access points along North Mantua Street (SR 43) from Roosevelt High School to north of the City Limits.	20,000						20,000

2019 CAP PLAN UPDATE
2019 - 2024 Project Descriptions

Item #	Project #	Description The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.						6-Year	
			2020	2021	2022	2023	2024	2025	Total 2020 - 2025
CAPITAL PROJECTS									
27	2020CIP010	ADA Transition Plan - This project includes inventoring current barriers to accessibility in the public right-of-way and developing methods to remove them		50,000					50,000
	2020CIP011 2021CIP013 2022CIP013 2023CIP013 2024CIP013	Engineering Standard Construction Drawings Update - This project includes a multi-year approach to updating the City's Standard Construction Drawings.							
28	2021CIP004	SAC Parking Lot Replacement - This project includes the replacement of the parking lot at the Service Administration Complex.	50,000	50,000	50,000	50,000	50,000		250,000
29	2021CIP006 2021 CIP004	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.		-		400,000			400,000
30	2021CIP007	Storm Sewer Design Standards Update - This project includes updating the City's design standards for storm related infrastructure.		100,000		738,000			838,000
31	2021CIP008	Dodge Street Sewer Lining - This project consists of lining the existing sanitary sewer on Dodge Street from Cedar to Franklin Street to reduce infiltration into the sewer system		40,000					40,000
32	2019CIP009 2021CIP009	Walnut Street - Phase 1 & 2 - 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.		-	100,000				100,000
33	2021CIP010	Mogadore Tank Study - This project includes the evaluation of the existing water tank located on Mogadore Road south of SR 261. The evaluation will look at ways to reduce the capacity of the tank to meet current demands on the system. The storage of excessive amounts of water in the tank causes water quality problems, including increased age of the water and low chlorine residual levels within the system.		378,200		217,300			595,500
34	2021CIP011	Gougler/River Safety Study - This project includes completing the required safety study to submit to ODOT's Highway Safety Improvement Program for funding. The limits of the study included northbound SR 43 from Haymaker Parkway to Fairchild Avenue (River Street and Gougler Avenue). These two roadway segments are consistently ranked near the top of the City's worst crash segments.		50,000					50,000
35	2021CIP012 2022CIP012 2023CIP012 2024CIP012	Engineering Specifications Update - This project includes a multi-year approach to updating the City's construction standards.		20,000					20,000
36	2021CIP014	Active Transportation Acquisition - This project includes the research and acquisition of property rights to provide additional connections to the active transportation system.		50,000	50,000	50,000	50,000		200,000
37	2021CIP015	Portage H&B Trail Planning Study (Tannery to Main Street) - This study includes determining the best method to complete the Hike and Bike trail through downtown. It includes research for any potential "red flag" concerns as well as determining a cost for the improvements. The study is required prior to submitting for grant funds to construct the trail.		75,000					75,000
38	2021CIP016 2022CIP016	Sunrise Bridge Rehabilitation - This project includes the rehabilitation of the Sunrise Boulevard Bridge over Fish Creek. The bridge deck and beams will be replaced and the existing abutments repaired to extend the life of the bridge 50 years. Municipality bridge funds were received to rehabilitate the bridge.		25,000					25,000
39	2021CIP017	East Main Street Storm Lining - This project includes the lining of the 18" storm sewer on East Main Street from North Water Street to Depeyster Street.		30,000	50,000			650,000	730,000
40	2021CIP018	West Main Street Sidewalk - This project includes the construction of a sidewalk on West Main Street at the Klaben Lincon Dealership on the north side of the street. This project is being completed in partnership with Klaben with the renovations to their parking lot		100,000					100,000
41	2021CIP019	College/Franklin Parking Lot Improvements - This project includes the improvement of the City owned parking lot at the corner of College Avenue and Franklin Street. The project is anticipated to be a partnership with the adjacent parking lot owner to create one efficient lot so that we can maximize the number of usable parking spots.		50,000					50,000
42	2021CIP020	Columbus Street Parking Lot - This project includes the replacement of the existing pavement of the City owned parking lot located between Columbus Street and Alley #3		300,000					300,000
43	2022CIP004	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.							-
44	2022CIP006	ODOT - SR 43 Paving (PID # - TBD) - This project is part of ODOT's Urban Paving Program of state routes through cities. It includes the paving of SR 43 from Stinaff Street to the northern City Limits			200,000				200,000
45	2022CIP007	Harris Street Sanitary Sewer Lining - This project consists of lining the existing sanitary sewer on Harris Street from West Street to Franklin Avenue to reduce infiltration into the sewer system			150,000				150,000
46	2022CIP008	Gougler/River Improvements - This project includes the rehabilitation of Gougler Avenue and River Street to address Safety Concerns and walkability along the corridor. The limits of the project included northbound SR 43 from Haymaker Parkway to Fairchild Avenue (River Street and Gougler Avenue). These two roadway segments are consistently ranked near the top of the City's worst crash segments.				100,000	900,000		1,000,000
47	2022CIP009	Water Meter Study - This project includes field verifying the accuracy of the utility's large water meters, which were originally installed in the 1990's.			50,000				50,000
48	2022CIP011	Sanitary Sewer Model Update - This project includes obtaining updated flow monitoring information and updating the existing sewer model with the new data.			40,000				40,000
49	2022CIP014	Sanitary Design Standards - This project includes updating the City's design standards for sanitary sewer related infrastructure.			25,000				25,000
50	2023CIP004	West Main Street Signalization Study - This study includes evaluating the existing signal system on West Main Street from Longmere Drive to Spaulding Drive. The study will determine a budget to upgrade the signals and evaluate the potential for additional improvements in the project area, including streetscape improvements.				25,000			25,000
51	2024CIP004	Water Meter Replacement - This project includes the replacement of water meters for the utilities large customers.						250,000	250,000
52		Capital Projects	\$ 15,104,759	\$ 6,583,200	\$ 4,940,000	\$ 4,340,300	\$ 19,890,556	\$ 1,735,000	\$ 52,593,815
								Check Figure:	\$ 52,593,815
BUDGET & FINANCE DEPARTMENT									
		Budget & Finance/City Manager	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								Check Figure:	\$ -
COMMUNITY DEVELOPMENT PROJECTS & EQUIPMENT									
1	CDD-20-01 2020CDD001	Community Development Vehicle - The Community Service Division is requesting to replace vehicles used for XXX. All the vehicles were recommended for replacement by the vehicle maintenance division.	\$ 20,000						\$ 20,000
		Community Development Projects & Equipment	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000
								Check Figure:	\$ 20,000
CENTRAL MAINTENANCE DEPARTMENT (CMD)									
1	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					\$ 110,000
2	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 support the City's Ohio EPA Storm Water Permit water quality requirements	220,000	270,000					490,000
3	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					250,000
4	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
5	2020CMD001 2021CMD001 2022CMD001 2023CMD001 2024CMD001 2025CMD001	Central Maintenance Misc. Capital Equipment - This funding source allows the Central Maintenance Division to purchase small capital equipment items greater than \$2,500.	40,000	40,000	40,000	\$ 40,000	\$ 40,000	\$ 42,000	242,000
6	2020CMD002 2022CMD002 2023CMD002 2024CMD002 2025CMD002	Pickup Truck - 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. Two (2) vehicles will be replaced in 2021, one in 2022, one in 2023, one in 2024 and two (2) in 2025.		72,000	33,000	33,000	33,000	70,000	241,000
7	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.			175,000				175,000

**2019 CAP PLAN UPDATE
2019 - 2024 Project Descriptions**

Item #	Project #	Description	2020	2021	2022	2023	2024	2025	6-Year Total 2020 - 2025
CAPITAL PROJECTS									
8	2020CMD004	One Ton Dump Truck - 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					150,000
9	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
10	2021CMD004	Leaf Collector Truck, Chassis Only - This purchase will provide the chassis to replace an existing 1985 chassis. Vehicle maintenance will be salvaging the leaf collection unit to reuse with the new chassis, providing a savings of approximately \$60,000		90,000					90,000
11	2021CMD008	Brush Chipper - This purchase will replace one of the existing three brush chippers.			80,000				80,000
12	2021CMD009	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 useful life and needs to be replaced.			300,000				300,000
13	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
14	2022CMD003 2025CMD006	Leaftruck - Leaf vacuum truck. Automated system for leaf collection program. Replacing one of two 1988 model trucks used for leaf collection.				160,000		180,000	340,000
15	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				75,000			75,000
16	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
17	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
18	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
19	2023CMD003	Easement Machine - The piece of equipment will allow central maintenance to access currently inaccessible areas along easements to maintain our sewers				55,000			55,000
20	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					40,000		40,000
21	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					210,000		210,000
22	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				165,000			165,000
23	2024CMD003	Sewer Jet - Truck used for mainline jetting and it's essential during sewer back/up situations. Also used heavily for hydro excavations in any scenario involving underground utilities					550,000		550,000
24	2024CMD004	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.						80,000	80,000
25	2024CMD005	Push Camera - Manual camera used primarily to view residential sewer service lines.						15,000	15,000
26	2024CMD006	Asphalt Roller - Equipment used when performing pavement repairs and other paving operations performed by Central Maintenance. The equipment is also used to compact aggregates used on driveways, parking lots and berms.						30,000	30,000
27	2025CMD003	Vehicle Storage Suppression System - The existing fire suppression system at the storage building located near Plum Creek Park is at the end of its useful life and has needed repairs over the last few years. This project will replace the existing system.						75,000	75,000
28	2025CMD004	Central Maintenance Managers Pickup Trucks (2) - These trucks will be 13 and 15 years old at the time of replacement and will need to be rotated out of daily use. The trucks will be reused somewhere else in the City's fleet.						70,000	70,000
29	2025CMD005	Locker Room Renovation - This project includes renovating the existing locker room at the Service Administration Complex. The locker rooms haven't been updated since moving into this building and they do not have adequate facilities to accommodate the current staff.						30,000	30,000
30	2025CMD007	Catch Basin Repair Trailer - This trailer is used to hold and deliver the necessary equipment to repair storm catch basins. The City's catch basins are aging and requiring repair at a more frequent rate. A second trailer to allow two crews to repair basins will increase our capacity as well as providing new equipment to increase the scope of repairs that we can perform in house						35,000	35,000
31	2025CMD008	Asphalt Hot Box Trailer - The hot box trailer is used year round to deliver hot asphalt to potholes for repairs. The existing trailer has been recently repaired several times and will need to be replaced						25,000	25,000
Central Maintenance Equipment			\$ 390,000	\$ 852,000	\$ 908,000	\$ 738,000	\$ 873,000	\$ 652,000	\$ 4,413,000
									Check Figure: \$ 4,413,000
DEBT SERVICE									
1	DS-10-03	Issue II Loan - Elm/Mae/Morris	\$ 4,300	n/a	n/a	n/a	n/a	n/a	\$ 4,300
2	DS-10-04	Note Outstanding Fire Station	260,738	n/a	n/a	n/a	n/a	n/a	260,738
3	DS-13-01	Issue II Loan - Downtown Erie-Depeyster	19,756	\$ 19,756	\$ 19,756	\$ 19,756	\$ 19,756	\$ 19,756	118,539
4	DS-18-01	Issue II Loan - Rockwell-Wittier-Woodard Streets	4,420	4,420	4,420	4,420	4,420	4,420	26,520
5	DS-19-01	Issue II Loan - S Chestnut-Middlebury Road	12,307	12,307	12,307	12,307	12,307	12,307	73,842
6	DS-19-02	Issue II Loan - E Summit St Improvement	12,500	25,000	25,000	25,000	25,000	25,000	137,500
7	DS-21-01	City Hall Bond Issue	-	392,425	534,850	534,850	534,850	534,850	2,531,825
Debt Service			\$ 314,021	\$ 453,908	\$ 596,333	\$ 596,333	\$ 596,333	\$ 596,336	\$ 3,153,264
									Check Figure: \$ 3,153,264
ENGINEERING DIVISION									
1	2017ENG003	Inspection Vehicle - The Engineering Division is requesting to replace two vehicles used for construction inspection. Both vehicles are over 19 years old and are recommended for replacement by the vehicle maintenance division.	\$ 5,800	\$ 40,000					\$ 45,800
Engineering Division			\$ 5,800	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 45,800
									Check Figure: \$ 45,800
FIRE DEPARTMENT EQUIPMENT									
1	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.	\$ 50,000						\$ 50,000
2	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.	150,000						150,000
3	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	333,825	\$ 125,000					458,825
4	2023KFD003	Replace Fire Prevention Pick-Up 1866 - This SUV vehicle is a 2009 model. Defer replacement to 2023				\$ 50,000			50,000
5	2023KFD004	2004 City Seagrave Engine Replacement (Move up from 2026 due to poor condition) Replace 19 year old Fire Engine.				700,000			700,000
6	2023KFD005	Year one of St. 1 Garage Doors Replacement - The planned replacement of 12 overhead glass garage doors at KFD St. 1 (6 in 2023 and 6 in 2024). KFD St. 2 will receive 3 in 2024. They will replace 22 year old doors with new, energy efficient ones.				50,000	\$ 65,000		115,000
7	2025KFD003	Station 1 Light Vehicle Replacement						\$ 55,000	55,000
8	2025KFD004	Fire Chief Response Vehicle Replacement						50,000	50,000
10	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
11	FD-20-03 2020KFD003	Replace Station One South Bay Diesel Exhaust Extraction System - Need to replace non-functioning exhaust system to reduce toxic exposure in FD Truck room.	24,000						24,000
12	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 2024.					\$ 1,250,000		1,250,000
13	FD-21-04 2021KFD004	Replace Turnout Gear - Replace all firefighting turnout gear for personnel over 3 years. Will replace 12 sets each year for total of 36 sets. Will apply for FEMA Grant	32,000	32,000					64,000
14	FD-22-04 2022KFD004	Replace or Refurbish 2012 Lifeline Med unit in 2022 - Replace or refurbish 10 year old Med Unit in 2022.			\$ 200,000				200,000
15	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	40,000	30,000	40,000	40,000	40,000	\$ 40,000	230,000
16	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	300,000	350,000	350,000	350,000	350,000	2,050,000

**2019 CAP PLAN UPDATE
2019 - 2024 Project Descriptions**

Item #	Project #	Description The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.	Year					6-Year	
			2020	2021	2022	2023	2024	2025	Total 2020 - 2025
CAPITAL PROJECTS									
Fire Department			\$ 979,825	\$ 752,000	\$ 590,000	\$ 1,190,000	\$ 1,705,000	\$ 495,000	\$ 5,711,825
Check Figure:								\$ 5,711,825	
HEALTH DEPARTMENT									
Health Department			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Check Figure:								\$ -	
POLICE DEPARTMENT EQUIPMENT									
1	2023KPD005	Cruiser Replacements (9) in 2022 (5) in 2023 (2) K-9 cruisers will not need replaced until 2026. In 2022 four of the cruisers placed in service in 2018 will need to be replaced. In 2023, 5 will need to be replaced. This includes equipping and marking of cruisers. (Does not include video/MDTs				\$ 375,000			\$ 375,000
2	PD-24-02 2024KPD002	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.					\$ 8,000		8,000
3	PD-19-07 2019KPD007 2022KPD003	Unmarked Detective Bureau Cars (2) - These will be replaced on a rotating basis as needed.	\$ 40,000	\$ 35,000	\$ 20,000				95,000
4	PD-20-08 2021KPD008	Gas Masks - Gas masks have already outlived their anticipated life. Although they are not in urgent need of replacement, they should be replaced prior to complete failure.	17,000		17,000				34,000
5	PD-20-02 2020KPD002	Mobile Data Terminals (13) - This request is intended to provide for the replacement of 13 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
6	PD-21-04 2021KPD004 2025KPD005	Acquisition and Training of K-9 Team - After the retirement of K9 Iron, we pushed the replacement from 2020 to 2021.		15,000				\$ 15,000	30,000
7	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. This will be heavily supplemented by grant and will not cost \$20,000.		20,000					20,000
8	2021KPD008	Body Cameras -Body cameras have become an industry standard in policing. Police department employees, council members, and other city administrators have heard from community members who expect our officers to have body cameras. This money will allow for the purchase of cameras and a storage environment for video footage.		300,000					300,000
9	PD-22-07 2022KPD007	Dispatch Console Replacement Current console was moved from the old location to the new and will need to be replaced in 2022 (estimate \$500,000)			500,000				500,000
10	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	35,000	40,000	40,000	40,000	40,000	232,500
11	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 FULL AMOUNT NEEDED in 2024 THEN HALF IN 2026	7,400	3,570			25,000	27,000	62,970
12	2025KPD002	Replace 2010 Dodge Caravan						20,000	20,000
13	2025KPD003	Replace 2008 F350 Prisoner Transport - by 2025, this will be 17 years old and significantly past it's life expectancy.						25,000	25,000
14	2022KPD004	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			\$ 171,900	\$ 408,570	\$ 589,000	\$ 415,000	\$ 73,000	\$ 127,000	\$ 1,784,470
Check Figure:								\$ 1,784,470	
SERVICE DEPARTMENT, FACILITIES, CAPITAL MAINTENANCE and CAPITAL PROJECTS									
1	2011KSD001	SAC Roof Replacement - The Service Complex roof is identified as needing replaced because it is reaching it's design life.	\$ 30,000		\$ 30,000				\$ 60,000
2	2020KSD004 2021KSD004 2022KSD004 2023KSD004 2024KSD004 2025KSD004	Misc. Roadway Lighting Equipment - This project is required to replace City owned light poles that are damaged by motor vehicle accidents. The funds are typically reimbursed through insurance claims.	10,000	\$ 10,000	10,000	\$ 10,000	\$ 10,000	\$ -	50,000
3	2021KSD002	Standing Rock Cemetery - Wall Replacement - This project will replace the retaining wall along SR 43 at Standing Rock Cemetery.		100,000					100,000
4	2022KSD001	Service Administrative Building Remodeling - This funding will be used to clean up and reorganize the vacated space by the Finance Department, as well as clean and prepare the storage cages vacated by the finance, law, HR, and Council archives. This will allow for painting and maintenance of the SAC building.			200,000				200,000
Service Department, Facilities, Capital Maintenance and Capital Projects			\$ 40,000	\$ 110,000	\$ 240,000	\$ 10,000	\$ 10,000	\$ -	\$ 410,000
Check Figure:								\$ 410,000	
SAFETY & SERVICE, COMMUNICATIONS and IT									
1	SS-19-01 2019KSS001	IT System Build Out	\$ 20,000						\$ 20,000
2	SS-19-02 2019KSS002 2025KSS001	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	30,000
3	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
4	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.	136,000						136,000
5	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
6	SS-19-07 2019KSS007	Fire Suppression 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 if 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
7	SS-20-02 2020KSS002	Virtualization Software Relicensing	5,000			\$ 6,000			11,000
8	2021KSS003	Backup Firewall Internet Connection (SAC)		5,000					5,000
9	SS-22-01 2022KSS001	Network Equipment Replacement - Plan for replacement between years 5-8 of ownership. All replace Q4 2017			50,000				50,000
10	SS-23-02 2023KSS002	Virtual Server Cluster Upgrade				50,000			50,000
11	2024KSS001	Website Redesign					\$ 15,000		15,000
Safety & Service, Communications and IT			\$ 181,000	\$ 25,000	\$ 65,000	\$ 56,000	\$ 15,000	\$ 15,000	\$ 357,000
Check Figure:								\$ 357,000	
VEHICLE MAINTENANCE									
1	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
2	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
3	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				\$ 7,000			7,000
4	2023KVM002	Tire Storage - This project will expand the storage area included with the vehicle maintenance building				25,000			25,000
5	2023KVM003	Tire Balancer - This is a replacement machine used to balance tires				4,000			4,000
6	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.					\$ 10,000		10,000
7	2025KVM001	Locker Room Renovation - This project includes the replacement of the existing lockers and providing hand and eye wash safety facilities.						\$ 15,000	15,000
Vehicle Maintenance			\$ -	\$ 30,000	\$ 80,000	\$ 36,000	\$ 10,000	\$ 15,000	\$ 171,000
Check Figure:								\$ 171,000	

**2019 CAP PLAN UPDATE
2019 - 2024 Project Descriptions**

Item #	Project #	Description The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.						6-Year Total 2020 - 2025	
			2020	2021	2022	2023	2024		2025
CAPITAL PROJECTS									
WATER RECLAMATION FACILITY									
1	2011WRF010	Digester Heat Exchangers - The two existing heat exchangers are circa 1965 and in need of replacement.	\$ 20,000	\$ -	\$ 4,900,000			\$ 4,920,000	
2	2014WRF004	Motor Control Center Replacement Project - Several motor control centers (MCC's) are old (circa 1950-1964) and need to be replaced. This project includes replacing the remaining original motor controls centers in the facility.		-	\$ 83,700	\$ 650,000		733,700	
3	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.						-	
4	2019WRF003	Concrete Repair Project - There are several areas located around the plant where the concrete has deteriorated over the years. While we have used City staff to repair some of these areas, others are large enough and difficult enough that they require an outside contractor. These areas are mainly located in the main flow channels and tanks of the plant.	3,592					3,592	
5	2019WRF005	Emergency Rehabilitation of #2 Primary Filter - The #2 primary filter was damaged to the point of being inoperable after it was put into normal operations so that maintenance work could be done to the #1 Primary filter. This project includes replacing the damaged scrapers/skimmes, truss arms, torque limiter, support shaft and other ancillary items to get the #2 Primary Filter back in service.	555,000					555,000	
6	2020WRF001 2021WRF001 2022WRF001 2023WRF001 2024WRF001 2025WRF001	WRF, Misc. Plant Equipment - Funds are used each year to provide for smaller identified capital needs at the Water Reclamation Facility.	60,000	60,000	60,000	60,000	\$ 60,000	\$ 60,000	360,000
7	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
8	2020WRF006 2021WRF006	New Plant Water Pump - This pump draws plant water for use in the rest of the plant. The previous pump failed and the spare was put into service, therefore a new spare needs to be purchased.	5,000	5,000					10,000
9	2020WRF007	Install Plant Emergency Generator Hook-up - This project includes providing a second back-up to power the plant if there is an extended power outage and the primary back-up is inoperable.							-
10	2020WRF008	Installation of Generator into Pretreatment Area - The WRF received a used generator from the old police building and this project would permit that generator to be put into service during a short term power outage.			30,000				30,000
11	2020WRF009	Install Post Aeration Back-up Aerator System - This project would provide the capabilities to keep the post aeration system operable during a short term power outage. This will prevent a violation from the OEPA caused by the power outage.	45,000						45,000
12	2020WRF010	WRF Boiler Replacement - The existing facility's heating system is near the end of it's useful life and should be replaced. The current system has needed repairs three to five times in the last three years	45,000						45,000
13	2020WRF012	Replace Two Return Pumps - This project includes the replace of two pumps that were installed over 30 years ago and have begun to have operating problems. The pumps are used to return settled MLSS to the aeration tanks after removal from the effluent in the final settling tanks.	75,000						75,000
14	2021WRF004	#3 Aeration Grid Replacement - the distribution grid for this basin has deteriorated and needs to be replaced. There are failures to the grid when the basin is being put into service. The grid will need replaced prior to the final clarifiers being rehabilitated since this basin will need to be operable when the		100,000					100,000
15	2021WRF005	Emergency Plant Generator Hookup - This project will allow the Water Reclamation Facility to continue to function if power were to be interrupted for an extended time. For example, if there is an outage for more than 8 hours the bacteria used to treat the wastewater would start dying and the facility would not be able to treat sewage to the appropriate levels.		25,000					25,000
16	2021WRF007	Influent Headworks Building - This is a study to determine the scope of work and planning budget to replace the headworks. The headworks is where the sewage enters the water reclamation facility.		15,000					15,000
17	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.			35,000				35,000
18	2022WRF004	Aeration Basin Rehabilitation - This project includes rehabilitating the six aeration basins in the plant. It includes replacing the PVC piping and diffusers and replacing safety handrails where necessary. This				58,500	429,000		487,500
19	2022WRF011	Final Clarifier Rehabilitation Phase 1 & 2 - This project includes rehabilitating the four final clarifiers. This includes sandblasting and recoating, replacing the drive units, installing new weir covers and replacing safety handrails where necessary	81,000	2,213,300	2,400,000				4,694,300
20	2023WRF003	Rehabilitate #1 Primary Clarifier - This project includes rehabilitating the #1 Primary clarifier, which was built in 1954. The work includes replacing the collection system, drive unit, rotating mechanisms and other ancillary items.				300,000			300,000
21	2023WRF004	Replace Mechanical System of Detritus Tank - This project includes the replacing the rotating collection system, drive gear system, grit ladder collector and the organic return unit.				150,000			150,000
22	2024WRF004	Press Rehabilitation - This project includes the rehabilitation of the press that dewateres the sludge to remove biosolids from the water reclamation facility.					40,000		40,000
23	2024WRF005	Effluent Area Valve Rehabilitation - This project includes the rehabilitation and potential replacement of the valves controlling the effluent from the plant. These valves are critical in the operations of the plant.					30,000		30,000
Water Reclamation Facility Capital Expenses			\$ 904,592	\$ 2,418,300	\$ 7,508,700	\$ 1,218,500	\$ 559,000	\$ 60,000	\$ 12,669,092
								Check Figure:	\$ 12,669,092
WATER TREATMENT PLANT									
1	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
2	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.	125,000						125,000
3	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
4	2017WTP004	Paint KSU 400,000 gallon Ground Storage Tank - Painting including lead abatement of the 400,000 gallon ground tank at KSU.	500,000						500,000
5	2018WTP002	Clean Well No. 11 - 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
6	2020WTP001 2021WTP001 2022WTP001 2023WTP001 2024WTP001 2025WTP001	WTP, Misc. Plant Equipment - Funds are used each year to provide funding for smaller identified Capital needs at the Water Treatment Plant.	50,000	\$ 35,000	35,000	\$ 35,000	\$ 35,000	\$ 35,000	225,000
7	2021WTP002 2025WTP002	Lime Slaker including installation - The lime slaker performs a chemical process used to soften the water. The plant has two lime slakers, one primary and one back-up. The slakers are aging, requiring more annual maintenance and are in need of replacement. They are both scheduled for replacement			130,000			150,000	280,000
8	2021WTP004	Replace Kenworth Dumptruck - 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			180,000				180,000
9	2021WTP006	Well #9 Installation - This project includes putting old well #9 into production. Otherwise the well would need to be capped as it is a potential contamination source to the aquifer		150,000					150,000
10	2021WTP007 2022WTP007 2023WTP007 2024WTP007 2025WTP007	Wellfield Maintenance Agreement - This project includes annual inspection, maintenance and testing of the City's wells and well field.		80,000	100,000	100,000	100,000	100,000	480,000
11	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.			50,000	200,000			250,000
12	2022WTP004	Mogadore Tank Painting and Rehabilitation - This project includes improvements to the water tank located on Mogadore Road. The tank requires painting and retrofitting to improve water quality as the tank has excess capacity and turnoff rates should be improved			75,000	750,000			825,000
13	2023WTP003	Tank Cleaning and Inspection - Routine cleaning and inspection of some of the water tanks in the distribution system.				100,000			100,000
14	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.				350,000			350,000

**2019 CAP PLAN UPDATE
2019 - 2024 Project Descriptions**

Item #	Project #	Description	2020	2021	2022	2023	2024	2025	6-Year Total 2020 - 2025
		The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
		CAPITAL PROJECTS							
	2024WTP004	Replace 1-ton Dump Truck - The 1-ton dump truck has passed its life expectancy and is due to be replaced.							
15	2024WTP005	Roof Repairs - The roof on the water plant and satellite facilities are showing signs of wear and failure. They will need to be repaired and replaced as needed. This will be performed over multiple years until fixed.					60,000		60,000
16	2025WTP003	Replace Interior Plumbing at WTP - This project includes the replacement of the original galvanized potable water lines in the WTP. The lines have corroded to the point of leaking and having failures.					50,000		50,000
17	2025WTP008	SCADA Upgrades - The current SCADA system runs on outdated software on unsupported operating systems. Therefore the software and operating systems are in need of upgrades.						150,000	150,000
18								50,000	50,000
		Water Treatment Plant Capital Expenses	\$ 760,000	\$ 265,000	\$ 970,000	\$ 1,535,000	\$ 245,000	\$ 485,000	\$ 4,260,000
								Check Figure:	\$ 4,260,000
	Totals by Department/Division Project Description Page								
	Capital Projects		\$ 15,104,759	\$ 6,583,200	\$ 4,940,000	\$ 4,340,300	\$ 19,890,556	\$ 1,735,000	\$ 52,593,815
	Budget & Finance IT		-	-	-	-	-	-	-
	Community Development		20,000	-	-	-	-	-	20,000
	Central Maintenance		390,000	852,000	908,000	738,000	873,000	652,000	4,413,000
	Debt Service		314,021	453,908	596,333	596,333	596,333	596,336	3,153,264
	Engineering Division		5,800	40,000	-	-	-	-	45,800
	Fire Department		979,825	752,000	590,000	1,190,000	1,705,000	495,000	5,711,825
	Health Department		-	-	-	-	-	-	-
	Police Department		171,900	408,570	589,000	415,000	73,000	127,000	1,784,470
	Service Department		40,000	110,000	240,000	10,000	10,000	-	410,000
	Safety & Service		181,000	25,000	65,000	56,000	15,000	15,000	357,000
	Vehicle Maintenance		-	30,000	80,000	36,000	10,000	15,000	171,000
	Water Reclamation Facility		904,592	2,418,300	7,508,700	1,218,500	559,000	60,000	12,669,092
	Water Treatment Plant		760,000	265,000	970,000	1,535,000	245,000	485,000	4,260,000
	Totals by Department/Division Project Description Page:		\$ 18,871,897	\$ 11,937,978	\$ 16,487,033	\$ 10,135,133	\$ 23,976,889	\$ 4,180,336	\$ 85,589,266
								Check Figure:	\$ 85,589,266
	Check Sum This Page to Individual Yearly CIP Reports (Note should equal ZERO)								
	Engineering Capital Projects		\$ 15,104,759	\$ 6,583,200	\$ 4,940,000	\$ 4,340,300	\$ 19,890,556	\$ 1,735,000	\$ 52,593,815
	Budget & Finance IT		-	-	-	-	-	-	-
	Community Development		20,000	-	-	-	-	-	20,000
	Central Maintenance		390,000	852,000	908,000	738,000	873,000	652,000	4,413,000
	Debt Service		314,021	453,908	596,333	596,333	596,333	596,336	3,153,264
	Engineering Division		5,800	40,000	-	-	-	-	45,800
	Fire Department		979,825	752,000	590,000	1,190,000	1,705,000	495,000	5,711,825
	Health Department		-	-	-	-	-	-	-
	Police Department		171,900	408,570	589,000	415,000	73,000	127,000	1,784,470
	Service Department		40,000	110,000	240,000	10,000	10,000	-	410,000
	Safety & Service		181,000	25,000	65,000	56,000	15,000	15,000	357,000
	Vehicle Maintenance		-	30,000	80,000	36,000	10,000	15,000	171,000
	Water Reclamation Facility		904,592	2,418,300	7,508,700	1,218,500	559,000	60,000	12,669,092
	Water Treatment Plant		760,000	265,000	970,000	1,535,000	245,000	485,000	4,260,000
	Total:		\$ 18,871,897	\$ 11,937,978	\$ 16,487,033	\$ 10,135,133	\$ 23,976,889	\$ 4,180,336	\$ 85,589,266
								Check Figure:	\$ 85,589,266
			2020	2021	2022	2023	2024	2025	6-Year
	Capital Expenses Fire/EMS		\$ 979,825	\$ 752,000	\$ 590,000	\$ 1,190,000	\$ 1,705,000	\$ 495,000	\$ 5,711,825
	Capital Expenses Capital Project		13,738,858	3,703,570	6,075,000	4,855,800	19,199,556	2,088,000	49,660,784
	Capital Expenses Debt Service		314,021	453,908	596,333	596,333	596,333	596,336	3,153,264
	Total Capital Expenses Fire/EMS, Capital Projects and Debt Service:		\$ 15,032,704	\$ 4,909,478	\$ 7,261,333	\$ 6,642,133	\$ 21,500,889	\$ 3,179,336	\$ 58,525,873
	Capital Expenses Water		1,532,474	1,436,700	1,116,000	1,893,700	1,518,500	713,000	8,210,374
	Capital Expenses Sanitary		1,027,401	5,026,300	8,039,700	1,452,200	802,500	215,500	16,563,601
	Capital Expenses Storm		1,279,318	565,500	70,000	147,100	155,000	72,500	2,289,418
	Total Capital and Utility Funds from Yearly Sheets:		\$ 18,871,897	\$ 11,937,978	\$ 16,487,033	\$ 10,135,133	\$ 23,976,889	\$ 4,180,336	\$ 85,589,266
	Line 369-382		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Check Sum this page Total Expenses:		\$ (18,871,897)	\$ (11,937,978)	\$ (16,487,033)	\$ (10,135,133)	\$ (23,976,889)	\$ (4,180,336)	\$ (85,589,266)
			2020	2021	2022	2023	2024	2025	6-Year
	Total Capital Expenses Fire/EMS, Capital Projects and Debt Service		\$ 15,032,704	\$ 4,909,478	\$ 7,261,333	\$ 6,642,133	\$ 21,500,889	\$ 3,179,336	\$ 58,525,873
	Programmed Reimbursements Capital Project and Sale Notes/Bonds from yearly reports		10,548,450	933,500	2,670,000	750,000	16,895,075	105,000	31,902,025
	Net Capital Expenses Fire/EMS, Capital Projects and Debt Service:		\$ 4,484,254	\$ 3,975,978	\$ 4,591,333	\$ 5,892,133	\$ 4,605,814	\$ 3,074,336	\$ 26,623,848
	Capital Expenses Water		\$ 1,532,474	\$ 1,436,700	\$ 1,116,000	\$ 1,893,700	\$ 1,518,500	\$ 713,000	\$ 8,210,374
	Programmed Reimbursements Water from yearly reports		534,250	395,000	-	-	-	-	929,250
	Net Expenses Water:		\$ 998,224	\$ 1,041,700	\$ 1,116,000	\$ 1,893,700	\$ 1,518,500	\$ 713,000	\$ 7,281,124
	Capital Expenses Sanitary		\$ 1,027,401	\$ 5,026,300	\$ 8,039,700	\$ 1,452,200	\$ 802,500	\$ 215,500	\$ 16,563,601
	Programmed Reimbursements Sanitary from yearly reports		348,339	3,200,000	-	-	-	-	3,548,339
	Net Expenses Sanitary:		\$ 679,062	\$ 1,826,300	\$ 8,039,700	\$ 1,452,200	\$ 802,500	\$ 215,500	\$ 13,015,262
	Capital Expenses Storm		\$ 1,279,318	\$ 565,500	\$ 70,000	\$ 147,100	\$ 155,000	\$ 72,500	\$ 2,289,418
	Programmed Reimbursements Storm from yearly reports		568,500	-	-	-	-	-	568,500
	Net Expenses Storm:		\$ 710,818	\$ 565,500	\$ 70,000	\$ 147,100	\$ 155,000	\$ 72,500	\$ 1,720,918
	Net Cost to City All Funds		\$ 6,872,358	\$ 7,409,478	\$ 13,817,033	\$ 9,385,133	\$ 7,081,814	\$ 4,075,336	\$ 48,641,152
	Net Cost to City All Funds From Yearly Reports		\$ 6,872,358	\$ 7,409,478	\$ 13,817,033	\$ 9,385,133	\$ 7,081,814	\$ 4,075,336	\$ 48,641,152

City of Kent, Ohio 2020 Capital Plan - Analysis of Sewer Fund

2020 - 2025 BUDGET
2022-2025 Assume Operating Expenses +3% compounded annually, 2020 and 2021 used 1.5% increase.
Current Debt Service is Known, Capital Outlay is from 2020 Capital Plan

Sewer Fund - F#202

Description	Actual 2015	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025
Beginning Balance	\$ 2,254,188	\$ 2,480,681	\$ 2,906,565	\$ 1,939,983	\$ 1,503,926	\$ 1,388,251	\$ 1,673,855	\$ 693,198	\$ (6,461,385)	\$ (7,112,835)	\$ (7,278,360)
Operating Revenues											
Sewer fees	4,067,729	4,119,816	3,994,712	4,001,089	3,876,159	3,876,159	3,934,301	3,993,316	4,053,216	4,114,014	4,175,724
Tap-in fees	183,108	15,329	14,536	51,460	5,779	20,000	20,000	20,000	20,000	20,000	20,000
Assessments	39,965	31,385	32,978	30,704	36,048	32,000	32,000	32,000	32,000	32,000	32,000
Other - Plumbing and Waste Water Permits, Misc.	26,230	41,064	33,215	54,172	66,934	239,299	20,000	20,000	20,000	20,000	20,000
Interest	11,577	29	8	750	1,578	750	500	500	750	750	750
Total Operating Revenue	4,328,609	4,207,623	4,075,449	4,138,175	3,986,498	4,168,208	4,006,801	4,065,816	4,125,966	4,186,764	4,248,474
Operating Expenses											
Lab	501	-	-	-	-	-	-	-	-	-	-
Utility Distribution	613,545	719,314	778,122	794,488	810,467	822,624	363,589	374,497	385,732	397,304	409,223
Plant	1,682,597	1,799,915	1,837,355	1,883,699	1,870,658	1,911,954	1,940,634	1,998,853	2,058,818	2,120,583	2,184,200
Administrative Support	615,172	591,449	555,274	642,239	620,021	651,873	404,792	416,935	429,443	442,327	455,597
Refunds	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Contingency	-	-	-	-	-	50,000	50,000	50,000	50,000	50,000	50,000
Transfer to Fund #204 - Utility Billing	40,756	41,418	43,293	44,543	45,930	46,389	47,085	48,498	49,953	51,451	52,995
Repay Advance to F#116 - Income Tax	65,000	65,000	65,000	65,000	38,980	-	-	-	-	-	-
Total Operating Expense	3,017,571	3,217,096	3,279,044	3,429,969	3,386,056	3,482,840	2,806,100	2,888,783	2,973,946	3,061,665	3,152,015
Operating Revenue less Expense	1,311,038	990,527	796,405	708,206	600,442	685,368	1,200,701	1,177,033	1,152,019	1,125,099	1,096,459
Debt Service											
Debt Issuance Expense	2,742	2,629	2,003	1,893	1,790	3,825	-	-	-	-	-
Bond Anticipation Notes/Bonds (Principal & Interest)	560,534	500,569	441,525	382,500	324,056	261,605	52,580	51,935	51,290	50,645	-
OWDA/Issue II Loans-Sanitary Swr Imp. (Prin & Int)	310,227	288,174	298,160	297,293	299,691	312,603	314,979	314,980	314,979	314,979	159,867
OEPA 20 Yr. Loan - SW Sanitary Pump Station	-	-	-	-	-	-	122,500	-	-	122,500	122,500
Total Debt Service Expense	873,503	791,372	741,688	681,686	625,537	578,032	490,059	366,915	366,269	488,124	282,367
less Debt Refunding-Sale of Notes (w/Premium)	498,016	438,010	378,150	318,071	257,313	195,000	135,000	75,000	15,000	-	-
Net Debt Service Expense	375,487	353,362	363,538	363,615	368,224	383,032	355,059	291,915	351,269	488,124	282,367
NET OPERATING - AFTER DEBT SERVICE	935,551	637,165	432,867	344,591	232,218	302,335	845,642	885,118	800,750	636,975	814,092
Other Funding Sources (Non-operating)											
Capital Grants/Loans/Other Intergovernmental Rev.	16,448	76,087	207,702	-	-	348,339	3,200,000	-	-	-	-
Recovery of Prior Year Encumbrances	270,268	-	-	-	-	-	-	-	-	-	-
From CAP Year Report(s) for 2020 - 2025	-	-	-	-	-	-	-	-	-	-	-
Total Other Funding Sources	286,716	76,087	207,702	-	-	348,339	3,200,000	-	-	-	-
Subtotal - Available for Capital	1,222,267	713,252	640,569	344,591	232,218	650,674	4,045,642	885,118	800,750	636,975	814,092
Capital Outlay											
Utility Distribution/Admin.	30,131	16,198	206,545	61,620	42,429	-	-	-	-	-	-
Plant	223,057	213,874	291,441	331,437	229,079	-	-	-	-	-	-
Capital Facilities/Infrastructure	37,385	166,058	796,408	591,328	119,513	-	-	-	-	-	-
From CAP Year Report(s) for 2020 - 2025	-	-	-	-	-	1,027,401	5,026,300	8,039,700	1,452,200	802,500	215,500
Total Capital Outlay	290,573	396,130	1,294,394	984,385	391,021	1,027,401	5,026,300	8,039,700	1,452,200	802,500	215,500
Ending Cash Balance	\$ 3,185,882	\$ 3,503,004	\$ 2,849,179	\$ 2,209,385	\$ 2,050,582	\$ 1,673,855	\$ 693,198	\$ (6,461,385)	\$ (7,112,835)	\$ (7,278,360)	\$ (6,679,768)
Encumbrances	705,201	596,439	909,196	705,459	662,331	-	-	-	-	-	-
Ending Unencumbered Balance	\$ 2,480,681	\$ 2,906,565	\$ 1,939,983	\$ 1,503,926	\$ 1,388,251	\$ 1,673,855	\$ 693,198	\$ (6,461,385)	\$ (7,112,835)	\$ (7,278,360)	\$ (6,679,768)
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	73.11%	81.41%	53.26%	39.64%	36.98%	43.30%	21.93%	-203.14%	-213.91%	-205.04%	-194.50%

City of Kent, Ohio 2020 Capital Plan - Analysis of Storm Water Fund

2020 - 2025 BUDGET

2022 - 2025 Assume Annual Revenue's remain same, Operating Expenses +3% salaries, 1.5% other compounded annually, For 2020 and 2021 no increase in other, and only 1.5% increase in salaries.

Current Debt Service is Known, **Capital Outlay is from 2020 Capital Plan**

Storm Water Drainage - F#208

Description	Actual 2015	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025
Beginning Balance	\$ 274,657	\$ 663,052	\$ 1,054,365	\$ 1,112,392	\$ 1,290,126	\$ 1,216,331	\$ 1,130,581	\$ 934,622	\$ 1,215,214	\$ 1,399,195	\$ 1,555,185
Operating Revenues											
Storm Water Charges	565,904	887,084	989,962	990,186	1,004,836	990,000	990,000	990,000	990,000	990,000	990,000
Special Assessments	11,392	31,292	63,147	26,930	26,431	28,000	28,000	28,000	28,000	28,000	28,000
Storm Sewer Tap in fees	3,350	850	1,450	1,600	800	500	500	500	500	500	500
Interest Income	-	-	-	-	-	-	-	-	-	-	-
All Other Misc. Revenue	61,000	-	275	8	6,783	-	-	-	-	-	-
Transfer In From Income Tax - F#116	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	641,646	919,226	1,054,834	1,018,724	1,038,850	1,018,500	1,018,500	1,018,500	1,018,500	1,018,500	1,018,500
Operating Expenses											
Salaries & Fringes	450,211	472,333	484,914	524,133	535,747	543,783	594,766	612,609	630,987	649,917	669,414
Other Operating	66,732	40,754	30,581	44,225	31,653	44,225	44,225	45,331	46,464	47,625	48,816
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	110,000	16,000	-	-	-	-	-
Total Operating Expenses	626,943	513,087	625,495	678,358	677,400	604,008	638,991	657,940	677,451	697,542	718,230
Operating Revenue less Expense	14,704	406,139	429,339	340,366	361,450	414,492	379,509	360,560	341,049	320,958	300,270
Debt Service (OWDA Loans)											
Repay Issue II Loan(s) - Principal Only - 0% Interest	2,334	2,334	2,334	2,334	2,334	3,652	2,336	2,336	2,336	2,336	2,336
Repay Issue II Loan - Area Q Phase V	-	5,000	5,000	5,000	5,000	2,500	5,000	5,000	5,000	5,000	5,000
OPWC - Area Q - Phase 3	2,633	2,633	2,633	2,633	2,633	1,316	2,633	2,633	2,633	2,633	2,633
Total Debt Service	4,967	9,967	9,967	9,967	9,967	7,468	9,968	9,968	9,968	9,968	9,968
NET OPERATING - AFTER DEBT SERVICE	9,737	396,173	419,373	330,400	351,484	407,024	369,541	350,592	331,081	310,990	290,302
Other Funding Sources (Non-operating)											
Issue II Grant(s)	406,287	-	-	-	-	-	-	-	-	-	-
Issue II Loan(s)	-	-	-	-	-	-	-	-	-	-	-
Federal Aid	16,448	14,100	146,762	-	-	-	-	-	-	-	-
OPWC/Other State Local Aid	-	1,448	-	-	149,819	568,500	-	-	-	-	-
Recovery of Prior Year Encumbrances	2,083,581	-	-	-	-	-	-	-	-	-	-
From CAP Year Report(s) for 2020 - 2025	-	-	-	-	-	-	-	-	-	-	-
Total Other Funding Sources	2,506,316	15,548	146,762	-	149,819	568,500	-	-	-	-	-
Subtotal - Available for Capital	2,516,053	411,721	566,135	330,400	501,303	975,524	369,541	350,592	331,081	310,990	290,302
Capital Outlay											
Service/Admin.	16,246	7,090	154,553	261,041	27,375	-	-	-	-	-	-
Capital Facilities	1,860,777	273,322	189,955	-	391,779	-	-	-	-	-	-
From CAP Year Report(s) for 2020 - 2025	-	-	-	-	-	1,279,318	565,500	70,000	147,100	155,000	72,500
Total Capital Outlay	1,860,777	280,412	344,508	261,041	419,154	1,279,318	565,500	70,000	147,100	155,000	72,500
Ending Cash Balance	\$ 929,933	\$ 1,061,242	\$ 1,282,868	\$ 1,352,227	\$ 1,434,375	\$ 1,130,581	\$ 934,622	\$ 1,215,214	\$ 1,399,195	\$ 1,555,185	\$ 1,772,986
Encumbrances	266,881	6,877	170,476	62,101	218,044	-	-	-	-	-	-
Ending Unencumbered Balance	\$ 663,052	\$ 1,054,365	\$ 1,112,392	\$ 1,290,126	\$ 1,216,331	\$ 1,130,581	\$ 934,622	\$ 1,215,214	\$ 1,399,195	\$ 1,555,185	\$ 1,772,986
Personnel & Fringe Expenses negated	450,211	472,333	484,914	524,133	535,747	543,783	594,766	612,609	630,987	649,917	669,414
Ending Unencumbered Balance - Adjusted if Personnel	\$ 1,113,263	\$ 1,526,698	\$ 1,597,306	\$ 1,814,259	\$ 1,752,078	\$ 1,674,364	\$ 1,529,388	\$ 1,827,823	\$ 2,030,182	\$ 2,205,102	\$ 2,442,401
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	104.93%	201.58%	175.05%	187.43%	176.96%	184.89%	144.02%	181.94%	203.54%	219.81%	243.48%

CITY OF KENT, OHIO 2020 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 2015 through 2019 and Budgeted for Fiscal Years 2020 through 2025

Major Governmental Funds

Description	Actual 2015	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025
Beginning Combined Funds Balance	\$ 11,027,636	\$ 11,473,366	\$ 12,275,824	\$ 13,489,396	\$ 11,720,029	\$ 14,021,303	\$ 12,183,023	\$ 9,366,091	\$ 4,077,871	\$ (2,519,540)	\$ (8,108,774)
Operating Revenues											
Property and other taxes	2,011,593	2,198,302	2,074,420	2,049,029	1,993,487	2,050,000	2,050,000	2,050,000	2,050,000	2,050,000	2,050,000
* Income Taxes	16,406,396	15,898,251	16,523,087	16,182,651	16,573,684	16,000,000	15,000,000	15,750,000	16,500,000	17,000,000	17,600,000
JEDD Taxes	512,375	549,301	631,805	582,595	669,162	575,000	575,000	575,000	575,000	575,000	575,000
Fees, licenses and permits	267,194	146,020	176,029	279,347	186,289	175,000	175,000	175,000	175,000	175,000	175,000
Intergovernmental	1,696,593	1,816,956	1,696,929	1,678,680	1,970,419	1,670,000	1,920,000	1,920,000	1,920,000	1,920,000	1,920,000
Estate Taxes	104,600	-	72,962	-	-	-	-	-	-	-	-
Grants (Non-capital)	109,525	87,838	367,919	257,850	123,361	100,000	100,000	100,000	100,000	100,000	100,000
Charges for services	1,533,692	1,652,764	1,780,311	2,016,334	1,966,939	1,650,000	1,650,000	1,650,000	1,650,000	1,650,000	1,650,000
Fines and forfeits	261,055	279,696	323,441	299,611	299,757	290,000	290,000	290,000	290,000	290,000	290,000
Special assessments	83,114	80,492	165,222	145,101	209,807	80,000	80,000	80,000	80,000	80,000	80,000
Proceeds from sale of assets	2,406,860	15,087	437,704	59,241	44,361	10,000	10,000	10,000	10,000	10,000	10,000
Interest	307,867	367,729	452,212	523,462	688,871	450,000	450,000	450,000	450,000	450,000	450,000
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/Reimbursements	432,318	248,686	706,636	657,048	697,616	1,650,300	225,000	225,000	225,000	225,000	225,000
Advance/Transfer to other funds (net)	(1,459,371)	(2,172,352)	(1,752,562)	(2,198,852)	(1,819,379)	(2,207,281)	(1,923,281)	(2,000,000)	(2,100,000)	(2,200,000)	(2,200,000)
Total Revenues	24,648,271	21,143,230	23,630,575	22,506,557	23,578,834	22,467,479	20,576,179	21,249,460	21,899,460	22,299,460	22,899,460
Operating Expenses											
Security of persons and property	10,792,723	10,703,603	11,241,683	12,207,597	12,158,098	12,340,469	12,525,577	12,901,344	13,288,384	13,687,036	14,097,647
Public health and welfare	399,240	470,150	491,010	550,504	559,647	568,042	576,562	593,859	611,675	630,025	648,926
Community development	1,307,711	1,632,815	2,237,958	1,222,943	1,228,429	1,246,855	1,329,214	1,369,091	1,410,163	1,452,468	1,496,042
Transportation	1,709,003	2,422,660	2,286,158	1,928,869	2,380,670	2,416,380	2,503,377	2,578,478	2,655,832	2,735,507	2,817,573
General government	3,520,138	3,266,439	3,231,083	3,694,343	3,309,274	3,749,758	4,372,404	4,503,576	4,638,683	4,777,843	4,921,179
Total Expenses	17,728,815	18,495,667	19,487,892	19,604,256	19,636,118	20,321,505	21,307,133	21,946,347	22,604,738	23,282,880	23,981,366
							Will be less due to COVID				
Operating Revenues less Expenses	6,919,456	2,647,563	4,142,683	2,902,301	3,942,716	2,145,974	(730,954)	(696,887)	(705,278)	(983,420)	(1,081,906)
*Charter Required Capital	(3,527,560)	(3,430,965)	(3,565,396)	(3,479,994)	(3,576,462)	(3,425,888)	(3,198,222)	(3,355,556)	(3,527,389)	(3,644,000)	(3,778,667)
Other Funding Sources/Uses											
Proceeds from sale of notes/bonds	1,272,914	1,016,989	766,384	510,000	257,313	8,000,000	-	-	-	-	-
Debt service(Bonds) and issuance costs	(1,698,710)	(1,305,112)	(1,048,860)	(807,450)	(556,802)	(260,738)	(392,424)	(534,849)	(534,849)	(534,849)	(534,852)
OPWC Debt Svc-Variou	-	-	-	-	-	(53,283)	(61,484)	(61,484)	(61,484)	(61,484)	(61,484)
Capital grants	446,177	4,150,216	5,459,806	4,862,084	1,885,026	2,548,450	933,500	2,670,000	750,000	16,895,075	105,000
Net - Other Funding Sources/Uses	20,381	3,862,093	5,177,330	4,564,634	1,585,537	10,234,429	479,592	2,073,667	153,667	16,298,742	(491,336)
Available for Capital Outlay	6,939,837	6,509,656	9,320,013	7,466,935	5,528,253	12,380,403	(251,362)	1,376,780	(551,611)	15,315,322	(1,573,242)
Capital Outlay	2,767,272	5,707,198	8,426,493	6,242,278	4,268,729	14,718,683	4,455,570	6,665,000	6,045,800	20,904,556	2,583,000
Revenues/Sources minus Expenditures/Uses	4,172,565	802,458	893,520	1,224,657	1,259,524	(2,338,280)	(4,706,932)	(5,288,220)	(6,597,411)	(5,589,234)	(4,156,242)
Year to Year change in Encumbrances	(1,336,835)	-	320,052	(2,994,024)	1,041,750	-	-	-	-	-	-
Reserve for Sale of City Offices	(2,390,000)	-	-	-	-	500,000	1,890,000	-	-	-	-
Combined Funds Balance - January 1	11,027,636	11,473,366	12,275,824	13,489,396	11,720,029	14,021,303	12,183,023	9,366,091	4,077,871	(2,519,540)	(8,108,774)
Combined Funds Balance - December 31	\$ 11,473,366	\$ 12,275,824	\$ 13,489,396	\$ 11,720,029	\$ 14,021,303	\$ 12,183,023	\$ 9,366,091	\$ 4,077,871	\$ (2,519,540)	\$ (8,108,774)	\$ (12,265,016)
Change in Combined Funds Balance	\$ 445,730	\$ 802,458	\$ 1,213,572	\$ (1,769,367)	\$ 2,301,274	\$ (1,838,280)	\$ (2,816,932)	\$ (5,288,220)	\$ (6,597,411)	\$ (5,589,234)	\$ (4,156,242)
Managed Reserve Balance	\$ 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	\$ 2,557,748	\$ 2,583,288
Fund Balance Policy Ratio (min. 17%)	49.56%	48.03%	46.69%	40.25%	59.63%	35.32%	31.89%	6.14%	-22.50%	-27.06%	-63.29%